

THE STREET RAILWAY JOURNAL



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—THE—
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Circus, E. C.

NEW ADVERTISEMENTS.

THE LUNKENHEIMER Co., of Cincinnati, mentions gate valves.
THE H. W. JOHNS MANUFACTURING Co., of New York, has a change.
THE TRENTON IRON Co., of Trenton, N. J., advertises its cable ropes.
THE E. T. BURROWES Co., of Portland, Me., mentions its car curtains.
C. J. FIELD, of New York, consulting electrical engineer, has a card.
THE COMPLETE ELECTRIC CONSTRUCTION Co., of New York, makes a change.
FIELD & BEATTIE, of New York, engravers and electrotypers, have a card.
THE SIEMENS HALSKE Co., of America, of Chicago, makes an extensive change.
THE WAKEFIELD ELECTRICAL ENGINEERING Co., of Philadelphia, Pa., has a card.
THE C. & G. COOPER & Co., of Mt. Vernon, O., advertises its engines this month.
SAMUEL LEWIS, of Brooklyn, N. Y., describes and illustrates his wood matting.
THE RAILWAY EQUIPMENT Co., of Chicago, specially mentions its track brooms.
A. B. WETMORE, of New York, mentions his business in lumber for car builders' use.
THE VENEER SEATING & CHURCH FURNITURE Co., of Brooklyn, advertises its business.
JULIUS MEYER, of New York, contractor and engineer for street railroads, has a card.
THE U. S. WIRE MAT Co., of Decatur, Ill., presents the merits of its wire matting.
THE R. A. CRAWFORD MANUFACTURING Co., of Pittsburgh, Pa., takes a page this month.
THE NORTH WESTERN LAND & COAL Co., of Boston, advertises a coal saving compound.
THE JACKSON & SHARP Co., of Wilmington, Del., builders of street railway cars, have a page.
THE BARNEY & SMITH CAR Co., of Dayton, O., advertises street railway cars of all descriptions.
THE LEWIS & FOWLER MANUFACTURING CO., of Brooklyn, N. Y., presents the claims of its patent stove box and street car heater, and its patent electric snow sweeper. It also devotes considerable space to the merits of its passenger register, and publishes a list of its patents thereon, with a warning against infringement thereof.

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THE FIBERITE Co., of Mechanicville, N. Y., has a page devoted to its insulating appliances.
THE DORNER & DUTTON MANUFACTURING Co., of Cleveland, gives a view of its solid forged motor truck.
THE INTERNATIONAL REGISTER Co., of Chicago, illustrates its "Aluminum" and "Portable" fare registers.
THE LITHOGRAPH STREET CAR TICKET Co., of Cleveland, O., has a page illustrative of its specialty.
J. D. MURRAY, of New Brunswick, N. J., contractor and street railway builder, advertises his business.
THE FIELD ENGINEERING Co., of New York, again advertises the Lake Erie Engineering Co.'s engines.
ROBERT A. KEASBEY, of New York, continues to present good reasons for the use of magnesia covering.
THE LACLEDE CAR Co., of St. Louis, presents a cut of a car supplied to the Philadelphia Traction Co.
LOUIS PRINGST, of Boston, advertises his car fender, recently adopted by the Brooklyn City Railroad Co.
THE NEW CASTLE CAR MANUFACTURING Co., of New Castle, Pa., presents a page notice of its cars in this issue.
THE STEEL MOTOR Co., of Cleveland, this month gives a price list of a quantity of its electric railway supplies.
P. PRYBIL, of New York, manufacturer of wood working machinery addresses a few arguments to car builders.
THE CALIFORNIA WIRE WORKS, of San Francisco, presents a half page notice of its business in cable ropes, etc.
BEVIN BROTHERS MANUFACTURING Co., of East Hampton, Conn., have an advertisement of their rotating goog.
THE EUPHRAT LIFE SAVING CAR FENDER Co., of New York, has a full page concerning its life protecting device.
THE BILLINGS & SPENCER Co., of Hartford, Conn., this month devotes a half page to its patent commutator bars.
WILLIAM SELLERS & Co., INCORPORATED, of Philadelphia, enumerate their appliances for the equipment of power houses.
THE GENERAL ELECTRIC Co., of Boston and New York, makes a change, as usual giving additional testimony to the excellence of its apparatus.
THE STANWOOD MANUFACTURING Co., of Chicago, has two pages devoted to illustrations and a detailed description of the "Stanwood Steel Step."
THE FULTON TRUCK & FOUNDRY Co., of Cleveland and Mansfield, O., formerly the Fulton Foundry Co., has a notice of its single and double truck "Imperial."
TAYLOR, DEE & MACK, of Chicago, successors to Taylor, Goodhue & Ames, present the claims of the Burton electric heater, for which they are the selling agents.
THE J. W. FOWLER CAR Co., of Elizabethport, N. J., takes two extra pages in this issue, in which it gives a view of its extensive works, and also draws attention to two snow sweepers of its manufacture.
A directory of the American and State Street Railway Associations will be found on page 26.



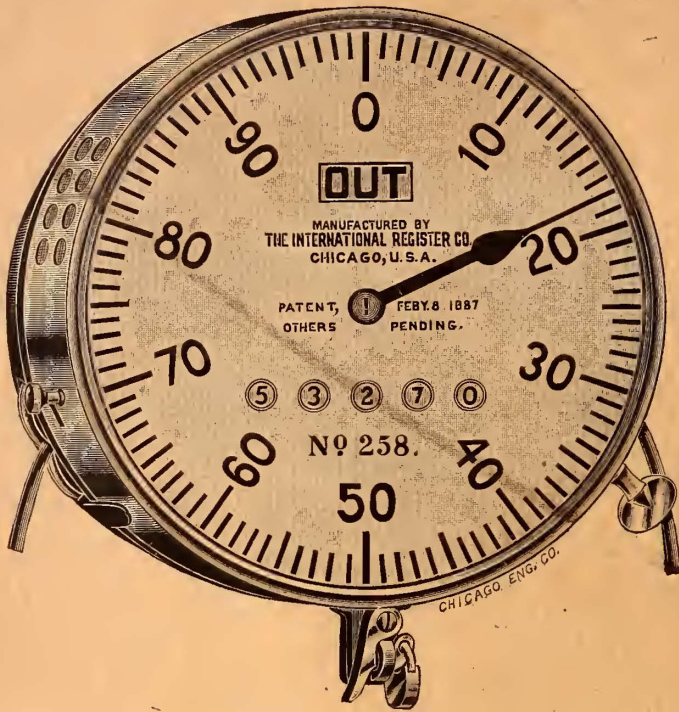
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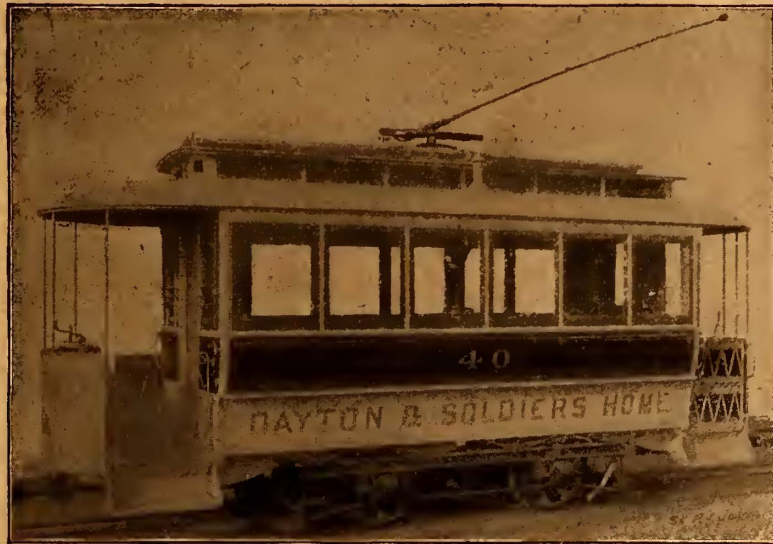
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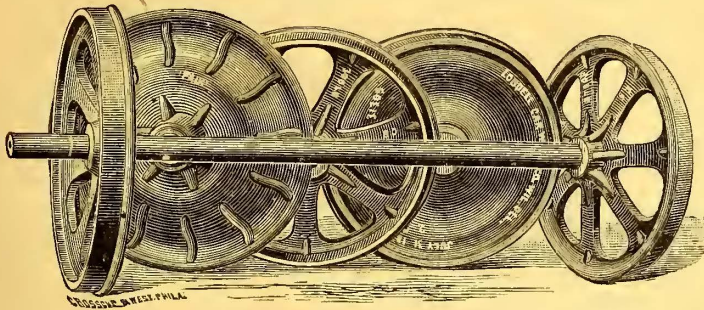
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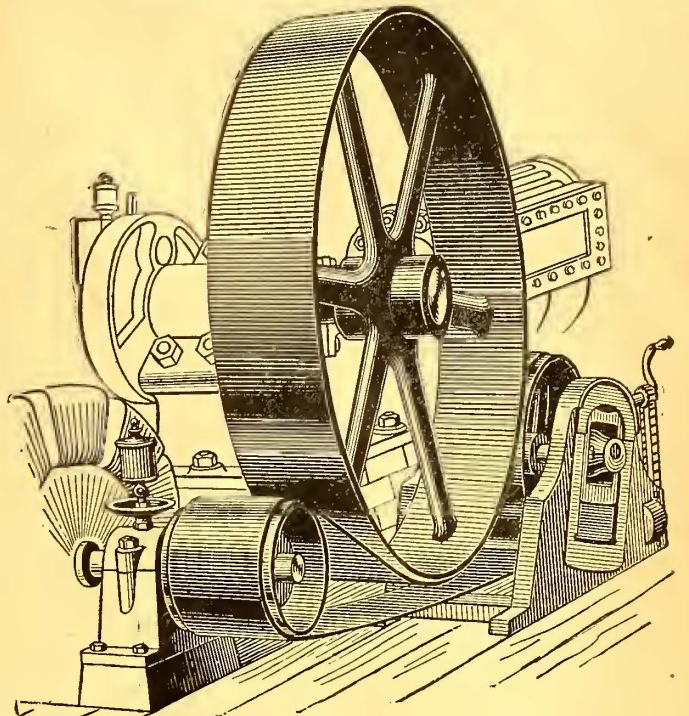
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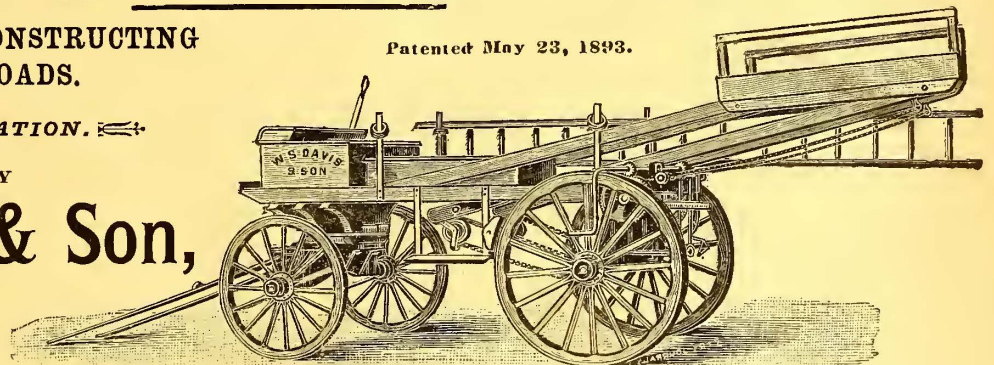
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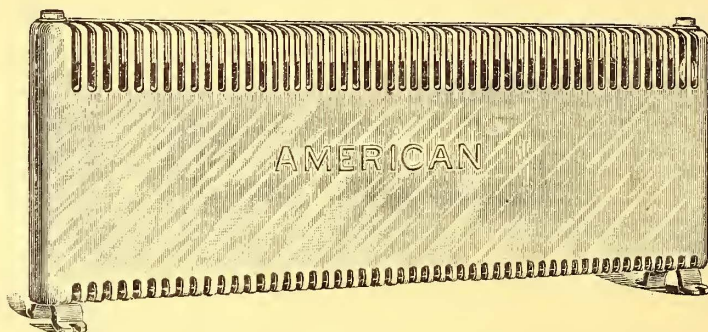


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DIRECTORY OF STREET RAILWAYS IN THE UNITED STATES AND CANADA.

COMPILED FROM DATA FURNISHED THE EDITORS OF THE "STREET RAILWAY JOURNAL,"
BY THE OFFICERS OF THE VARIOUS ROADS.

Officials of Street Railways are earnestly requested to observe whether their roads are properly represented in this directory, and if no to send us the facts to make every item correct. For use in the February issue, directory matter must reach us by January 13.

ABBREVIATIONS.—m, miles; g, gauge; lb r, pounds rail to the yard; c-b r, center-bearing rail; s-b r, side-bearing rail; c, cars; m. c. motor cars; t. c. trail cars; g. c. grip cars; h, horses; mu, mules.

Officers' addresses are the same postoffice as the company unless otherwise specified.

The figures of mileage mean entire length of single track, counting one mile of double track as two of single, and counting switches as additional length.

Elec. after name of a road means that the road is operated wholly or partly by electric power. Capital means capital issued unless otherwise expressly stated.

A

ABERDEEN, WASH.—Wholesale Underground Electric Co. 4 m c. Edison system. 10 2

ADRIAN, MICH.—Adrian City Electric Belt Ry Co. Elec. 2.8 m, 4-8½ g, 38 lb. Tr, 4 c. of which 3 are m. c. and 1 t. c. Detroit system. Pres. J. H. Blain V. Pres. W. A. Jackson, Sec. C. Barker, Treas. M. E. Chittenden. Office, 25 S. Main st. Capital \$50,000. Bonds, \$35,500. 5 2

AKRON, O.—Akron St. R. R. Co. 12 m elec. 4-8½ g, 52 lb girder r, 35 c. of which 25 are m. c. and 10 are t. c. Edison system. Pres. J. F. Seiberling, V. Pres. I. M. Miller, Sec. & Treas. F. A. Seiberling. Capital, \$300,000. 10 2

ALAMEDA, CAL.—Alameda, Oakland & Piedmont Electric R. R. Co. 5 m, 4-8½ g, 8 m c. T-H system. Ingier & Atkinson cars. Ball engines. Pres. W. M. Rank, V. Pres. F. H. Meyers, Sec. O. H. Bass. Capital, \$500,000. n 5 3

ALBANY, GA.—Artesian City R. R. Co. 3¼ m, 4-8½ g, 30 lb Tr, 2 c, 4 mu. Pres. & Gen. Man. J. M. Tift, Sec. & Treas. W. E. Mitchell. Capital, \$20,000 authorized, \$100,000. 9 3

ALBANY, N. Y.—The Albany Ry. Elec. 30 m, 4-8½ g, 60-65 lb girder r, 42 m. c. T-H and Westinghouse systems. Gilbert cars. McIntosh, Seymour & Co. engines. Pres. Rob't C. Pruyn, V. Pres. Anthony N. Brady, Sec. James McCreddie, Treas. & Gen. Man. John W. McNamara, Asst. Gen. Man. E. S. Fassett. Capital \$1,500,000. Bonds \$1,000,000. Office, Albany Co. Bank building. 6 3

ALBANY, ORE.—Albany St. Ry. Co. Steam. 3 m, 3-6 g, 25, 35 lb Tr, 4 motor c, 3 h. Pres. L. Flinn V. Pres. S. E. Young, Sec. C. G. Burkhardt, Treas. E. F. Sox, Supt. & Gen. Man. W. Goltra. Capital, \$12,000; authorized \$16,000. 11 2

ALEXANDRIA, VA.—Washington, Alexandria & Mt. Vernon Electric Ry. Co. Elec. 9 m, 4-8½ g, 50, 70 lb girder and Tr, 6 m c. T-H system. Pres. G. E. Abbott, V. Pres. T. A. Reed, Sec. H. K. Whipple, Treas. D. C. Leeds, Supt. W. H. Cooper. Capital, \$500,000. 9 2

ALHAMBRA, CAL.—Alhambra & Pasadena St. Ry. Co. 3¼ m, 3-6 g, 16 lb. Tr, 3 c, 4 h, 4 mu. Pres. A. C. Weeks, V. Pres. G. B. Adams, Sec. T. E. Stuart, Man. F. Williams. Capital, \$12,000. 2 2

ALLEGHENY, PA.—Nunnery Hill Inclined Plane Ry. Co. Elec. 1,100 ft. 5 g, 60 lb. Tr, 2 c, using wire rope and drum. St. Louis cars. Hardwick Erie Co. engines. Pres. & Treas. Oliver P. Scaife, Sec. A. Kennedy, Supt. C. D. Heist. Capital, \$60,000. Office cor. Fairmount & Federal sts. 8 3

Federal St. & Pleasant Valley Ry. Co. Elec. 25 m, 4-8½ g, 50, 52, 66 lb girder and tram r, 75 m. c. Edison and Westinghouse systems. Brill and Pullman cars. Buckeye and Westinghouse engines. Pres. & Gen. Man. D. F. Henry, Sec. Wm. H. Graham, Treas. R. F. Ramsey, Gen. Supt. W. M. Ramsey. Capital \$1,400,000. Bonds \$1,250,000. Office 125 Taggart St. 6 3

Troy Hill Inclined Plane & Bridge Co. 370 ft. 6 g, 60 lb Tr, 2 c. Pres. Jas. D. Callery, Sec. C. S. Wright Treas. Wm. V. Callery, Gen. Man. J. J. Saint. Capital, \$200,000. Office, 448 Liberty Ave. 2 3

ALLENTOWN, PA.—Allentown & Bethlehem Rapid Transit Co. Elec. 17 m, 4-8½ g, 45, 48, 70 lb T & girder r, 57 c, of which 28 are m. c. and 29 t. c. T-H system. Pres. G. H. Campbell, Sec. & Treas. A. A. Glasler, Supt. A. H. Hayward. Capital, \$700,000 Office, Car House, Madison St. near Gordon. 11 2

ALLIANCE, O.—Alliance St. Ry. Co. Elec. 2½ m 4-8 g, 42, 56 lb tram and girder r, 4 m c. T-H and Short systems. Brill and Laclede cars. Phoenix Iron Works engines. Pres. & Treas. W. W. Hazzard, Sec. & Gen. Man. W. H. Whitacre. Capital stock \$5,000; authorized \$100,000. Office 11 South Arch Ave. 5 3

ALTON, ILL.—Alton Improvement Association. 3½ m steam, 4-8½ g, 30 & 40 lb steel Tr, 2 Baldwin m. c. Pres. Chas. W. Milnor, Sec. & Treas. H. R. Phinney. Office, 305 W. 2d St. Capital \$35,000. 8 3

Alton & Upper Alton Horse R. R. & Carrying Co 3 m, 4-8½ g, 40, 66 lb steel T & flat r, 7 c, of which 5 are box and 2 open, 24 h. Pres. C. W. Milnor, Sec Treas. & Supt. H. R. Phinney. Capital, \$42,200; authorized, \$100,000. Office, 305 W. 2d st. 5 3

ALTOONA, PA.—City Pass. Ry. Co. of Altoona Pa. Elec. 8 m, 5-3 g, 48½-70 lb. girder r, 25 c, of which 19 are m c and 6 t. c. T-H and Westinghouse systems. Brill and Lamokin cars. Altoona Mfg. Co. engines. Pres. J. Lloyd, Sec. & Treas. C. A. Buch, Supt. W. P. Hewitt. Capital \$180,000; Bonds \$50,000. Office, Chestnut av. below First st. 8 3

Altoona & Logan Valley Ry. Co. Elec. 7¼ m, 4-8½ g, 60-65 lb channel and Tr, 18 c, of which 9 are m. c. and 9 t. c. Edison system, Pres. S. C. Baker, V. Pres J. Loudon, Sec. & Treas. D. G. Thompson. Capital authorized, \$150,000. 3 3

AMERICUS, GA.—Americus St. Ry. Co. Elec 5¼ m, 4-8½ g, 35 lb Tr, 6 m c. T-H system. Owners T-H Co. Capital \$50,000. Bonds \$50,000. 8 3

AMES, IA.—Ames & College Ry. Co. 2¼ m. Steam 4-8½ g, 30 lb Tr, 2 c, 2 steam motors. Pres. J. L. Stevens, V. Pres. D. S. Faltchid, Sec. M. K. Smith Treas. B. J. Sheidon. Capital \$20,000; authorized \$25,000. 5 3

AMESBURY, MASS.—(See Haverhill, Mass and Newburyport, Mass.)

AMSTERDAM, N. Y.—Amsterdam St. Ry. Co Elec. 4 m, 4-8½ g, 48½ lb. girder r, 13 c, of which 6 are m. c. and 7 t. c, 5 h. Edison system. Pres. J. H. McClement, V. Pres. F. J. Sprague, Sec. & Treas T. D. Mossrop, Gen. Man. J. R. Snell, Counsel J. S. Wise. Capital, \$250,000. Bonds, \$150,000. Office of Pres. and V. Pres. 42 and 44 Broad St., N. Y. City Office of Supt. 102 E. Main St., Amsterdam. 8 2

ANACONDA, MONT.—Electric Ry., Light & Power Co. 5.2 m, 4-8½ g, 35 & 50 lb. Tr, 4 motors, 10 c, of which 4 are m. c. and 6 t. c. T-H system. Pres. M. Daly, Sec., Treas. and Gen. Man. D. F. Hailahan. 3 2

ANACOSTIA, D. C.—Anacostia & Potomac River Ry. Co. 15.3 m, 4-8½ g, 62 lb. girder r, 46 c, 200 h Pres. & Supt. H. A. Griswold, Sec. & Tres. J. B. Pitcher. Capital \$100,000. Bonds \$300,000. Office, Anacostia, D. C. 8 3

ANDERSON, IND.—Anderson Electric St. Ry Co. 8½ m, 4-8½ g, 40, 50, 60 lb Tr, 18 c, of which 10 are m c and 8 t c. Westinghouse, Edison & T-H systems. St. Louis cars. Allis engines. Pres., Treas. & Gen. Man. C. L. Henry, V. Pres. J. F. Wild, Sec. L. M. Cox, Supt. L. Cox. Capital, \$150,000; authorized, \$200,000. Bonds, \$100,000. Office, Room 2 P. O. Block. 8 3

ANN ARBOR, MICH.—The Ann Arbor St. Ry Co. Elec. 5¼ m, 4-8½ g, 45, 48½, 66 lb girder r, 7 c, of which 6 are m. c. and 1 t. c. Edison system. Brill cars. Taylor engine. Pres. C. P. Glover, Sec. & Gen. Man. H. T. Morton, Treas. C. E. Hiseock. Capital, \$93,100; authorized, \$93,000. Bonds, \$60,000. 8 3

Ann Arbor & Ypsilanti St. Ry. Co. Dummy. 9 m 4-8½ g, 40 lb Tr, 11 c, of which 5 are pass. c & 6 gravel c; 2 steam motors. Porter and Baldwin engines. Pres. & Gen. Man. J. E. Beal, V. Pres. H. A. P. Glover, Sec. J. T. Jacobs, Treas. D. L. Quirk, Supt. W. Parker. Capital \$100,000. Bonds \$60,000. 8 3

ANNISTON, ALA.—Anniston City St. Ry. Co. 6 m, 35 lb Tr, 9 box c, 35 h. Pres. J. W. Bigsby, Sec., Treas. and Gen. Man. O. E. Edwards. 9 1

Oxford Lake Line Ry. Co. Elec 14 m, 4-8½ g, 40 lb Tr, 8 c, of which 6 are m c and 2 t. c. T-H system. Stephenson cars. Pres. H. W. Sexton, Sec., Treas. Gen. Man. & Supt. F. M. Hight. Capital, \$51,000; authorized, \$175,000. Office 915 Wilmer St. 6 3

ANOKA, MINN.—Anoka St. Ry. Co. 3 m, 4-8½ g, 26 lb Tr, 3 c, 13 h. Pres. R. Mahany, Sec. J. Mahany Treas. R. Mahany, Jr., Gen. Man. W. W. Mahany Capital, \$15,000. 1 3

APPLETON, WIS.—Appleton Edison Electric Co 3.5 m, 4-8½ g, 33, 60 lb tram and girder r, 9 c, of which 5 are m. c. and 4 t. c. Edison system. Pres. & Treas. A. Le Smith, V. Pres. J. H. Van Nortwick, Sec. C. A. Beveridge, Supt. F. G. King. Office College Ave. 11 2

ASBURY PARK, N. J.—Seashore Elec. Ry. Co. 12 m, 4-8½ g, 45 lb flat & girder r, 23 m. c. T-H & Wightman systems. Hamilton-Corliss engines. Pres. & Treas. J. S. Shaeffer. Supt. A. S. Hickley. Capital, \$200,000; authorized, \$500,000. 8 3

ASHEVILLE, N. C.—Asheville St. Ry. Co. Elec 6½ m, 4-8½ g, 30 & 40 lb c. b. & Tr, 14 c of which 12 are m. c. and 2 t. c. T-H and Edison systems. Gilbert cars. Armington & Sims engines. Receiver, L. Maddux, Pres. & Gen. Man. J. G. Martin, V. Pres. W. T. Penniman, Sec. & Treas. B. M. Jones, Supt. J. P. Arthur. Capital, \$100,000; authorized \$250,000. Bonds, \$300,000. 2 3

Asheville & Craggy Mountain Ry. Co. Steam 2¼ m, 4-8½ g, 40 lb Tr, 2 c. Brill cars. Baldwin engines. Pres. & Gen. Man. W. B. Gwynn, Sec. & Treas. W. W. West. Capital \$24,700; authorized \$500,000. 1 3

Asheville Loan, Construction & Improvement Co. Elec. 1 m, 4-8½ g, 40, 45 lb T & girder r, 2 m c. T-H system. Pres. & Gen. Man. G. S. Powell, Sec. M. J. Bender, Treas. W. W. Bonnel. Capital, \$296,000; authorized, \$300,000. Bonds, \$20,000. 1 3

West Asheville & Sulphur Springs Ry. Co. Elec. 6 m, 4-8½ g, 40 lb T & girder r, 4 m c. T-H system. Ellis and Stephenson cars. Pres. E. G. Carrier, Sec. & Supt. J. D. Carrier. Capital, \$50,000; authorized \$260,000. Bonds, \$35,000. 1 3

ASHLAND, KY.—Ashland & Catlettsburg St Ry. Co. 6 m, 4-8½ g, 45 & 50 lb Johnson girder & Tr r, 7 c, of which 4 are m. c. and 3 are t. c. Pres. & Man. W. L. Ringo, Sec. & Treas. John Russell, Jr Capital, \$20,000, authorized, \$200,000. 8 3

ASHLAND, PA.—Schuylkill Traction Co. (Leases Mahanoy, Shenandoah, Girardville & Ashland St. Ry.) Elec. 22 m, 4-8½ g, 40, 50, 60 lb Tr, 30 c, of which 20 are m c & 10 t c. T-H & Westinghouse systems. Pres. J. F. Bailey, V. Pres. J. H. Cofrode, Sec. & Treas. C. E. Winters, Supt. B. E. Jones. Office, 265 Centre st. 5 3

ASHLAND, WIS.—Ashland Lighting & St. Ry. Co. Elec. 10 m, 4-8½ g, 60 lb Tr, 16 c, of which 8 are m c and 8 t. c. T-H system. Stephenson cars. Ide engines. Pres. G. W. Harrison, Sec. & Treas. G. F. Merrill, Gen. Man. & Supt. C. Bayliss. Capital \$75,000; authorized \$100,000. 5 3

AJAX

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C. S. Van Nuis,

136 LIBERTY ST.,
NEW YORK.

ASHTABULA, O.—Ashtabula City Ry. Co.—4 m 4-8 1/2 g, 40 lb T r, 9 c, 60 h. Prop'r. J. N. Stewart. Sec. & Treas. S. C. Stewart, Man. H. H. Stewart. Officers and office at Cleveland, O. 1 3

Ashtabula Rapid Transit Co. Elec. 4 1/2 m, 4-8 1/2 g, 47 & 70 lb Johnson girder r, 9 c, of which 5 are m, c, and 4 t, c. T-H system. Pres. F. B. Wagner, V. Pres. R. A. Brown, Sec. & Supt. T. Fricker, Treas. E. W. Savage. Capital \$150,000. 8 2

ASPEN, COLO.—Aspen City Ry. Co. 2 m, 4-8 1/2 g, 16 lb T r, 2 open c, 3 h, 2 mu. Pres. H. A. Tabor, Sec. M. K. Page, Gen. Man. T. J. Flynn. 5 2

ASTORIA, ORE.—Astoria St. Ry. Co. Elec. 3 m, 3-6 g, 30 lb T r, 8 c, of which 4 are m, c and 4 t, c. T-H system. Brownell cars. Pres. J. W. Conn, V. Pres. W. A. Sherman, Sec. & Supt. F. W. Newell, Treas. F. R. Stokes. Capital, \$45,000; authorized, \$200,000. 7 2

ATCHISON, KAN.—Atchison St. Ry. Co. 8 1/2 m, 4-8 1/2 g, 20-50 lb tram & T r, 26 c, 39 h, 32 mu. Laclede cars. Pres. & Treas. W. L. Challis, V. Pres. P. T. Challis, Sec. W. L. Babby, Gen. Man. & Supt. G. T. Ada. Capital \$150,000; authorized \$300,000. 5 3

ATHENS, GA.—Athens Ry. Co. Elec. 6 m, 4-8 1/2 g 40 lb T r, 6 m, c. Detroit and T-H systems. Pres. E. G. Harris, Sec. Treas. & Gen. Man. J. T. Voss, Supt. W. E. Voss. Capital \$10,000. 11 2

ATLANTA, GA.—Atlanta Consolidated St. Ry. Co. Lines operated, Peachtree st. and North Atlanta, Peachtree st. and Ponce de Leon, Marietta st.—Decatur st., Whitehall st. and West End, Capitol Ave.—North Ave., Wheat st. and Ponce de Leon, Broad st., West End, West View Cemetery and Fulton County St. R. R. 75 m, of which 3 are horse 8 steam and 64 elec. 4-8 1/2 g, 45, 52 & 63 lb girder & T r, 133 c, of which 40 are h, c, 87 m, c and 6 t, c, 20 h 17 mu. T-H system. Brill, Pullman and Stephenson cars. Cooper-Corliss engines. Pres. J. Hurt, V. Pres. H. E. W. Palmer, Sec. T. K. Glenn, Treas. R. J. Lowry, Gen. Supt. H. N. Hurt. Capital, 2,000,000. Bonds, \$2,000,000. 8 3

Atlanta Traction Co. Elec. 18 1/2 m, 4-8 1/2 g, 40 lb T r, 8 m, c. Detroit and Edison systems. Pres. T. B. Feider, V. Pres. E. T. Shubrick, Sec. & Treas. J. B. Zachary, Supt. F. H. Tabot. Capital \$150,000. 7 3

Atlanta, West End & McPherson Barracks St. Ry. Co. 13 m, c. Edison system. 7 2

Collins Park & Belt R. R. Co. Elec. 15 m, 4-8 1/2 g, 56 lb T r, 9 m, c. Short system. Brill cars. Allis engines. Receiver & Man. J. W. Darr. P. O. Box 341. 8 3

ATLANTIC CITY, N. J.—Atlantic City Electric Ry. (Operated by Pennsylvania R. R. Co.) 17 m, 4-8 1/2 g, 60 lb T & girder r, 54 c, of which 30 are m, c, and 24 t, c. Edison and Westinghouse systems. Brill cars. Pres. J. S. Roberts, Gen. Foreman, W. K. McAlister. 8 3

ATTLEBORO, MASS.—Attleboro, N. Attleboro & Wrentham St. Ry. Elec. 6 1/2 m, 4-8 1/2 g, 40 lb T r, 17 c, of which 9 are m, c, and 8 are t, c. T-H system. Pres. P. Nerney, Treas. C. T. Guild, Supt. M. A. Carter. Capital, \$60,000, bonds \$50,000. 8 2

AUBURN, N. Y.—Auburn City Ry. Co. Elec. 5 1/2 m, 4-8 1/2 g, 45-47 lb girder & T r, 14 c, of which 11 are m, c and 3 t, c, 5 h. T-H system. Jones and Stephenson cars. McIntosh & Seymour engines. Pres. C. E. Eddy, V. Pres. G. Underwood, Sec. & Supt. A. H. Underwood, Treas. J. E. Storke. Capital \$50,000, authorized \$150,000. Bonds \$200,000. 8 3

AUGUSTA, GA.—Augusta Ry. Co. Elec. 25 m, 4-8 1/2 g, 35, 54 lb T & girder r, 46 c, of which 35 are m, c, and 11 t, c. Edison and T-H systems. Brill and Stephenson cars. Corliss engines. Pres. D. B. Dyer, V. Pres. R. R. Conklin, Sec. C. B. Reavis, Supt. T. A. Roberts. Capital, \$300,000. Bonds, \$400,000. Office, Jarvis-Conklin building. 8 3

AUGUSTA, ME.—Augusta, Hallowell & Gardiner R. R. Co. Elec. 8 m, 4-8 1/2 g, 40 & 55 lb T & Johnson r 13 c, of which 9 are m, c, and 4 t, c. T-H, Edison & Detroit systems. Pres. & Treas. G. E. Macomber, Sec. H. G. Staples, Supt. W. G. Melton. Capital, \$120,000; authorized, \$150,000. Bonds, \$150,000. Office Hallowell, Me. 5 3

AURORA, ILL.—Aurora St. Ry. Co. Elec. 18 m 4-8 1/2 g, 67 lb T and 57 lb girder r, 21 m, c. T-H and Detroit systems. Briggs and Gilbert cars. Pres. & Treas. R. B. Dodson, V. Pres. H. C. Tinker, Sec. A. T. Simendinger, Gen. Man. D. A. Belden. Capital, \$300,000. Bonds, \$300,000. 5 3

AUSTIN, TEX.—Austin Rapid Transit Ry. Co. Elec. 15 m, 4-8 1/2 g, 40 lb girder & T r, 20 c, of which 12 are m, c, and 8 t, c. T-H system. Pres. F. H. Watriss, V. Pres. I. H. Evans, Sec. & Supt. J. K. Urie. Capital \$200,000. 8 3

B

BABYLON, N. Y.—Babylon Street Ry. Co. .53 m, 4-9 g, 60 lb T r, 4 c, of which 3 are box and 1 is open, 3 h. Pres. W. F. Norton, Sec. Jos. F. Sammis Treas. John R. Reid, Supt. David S. S. Sammis Capital \$25,000. 11 2

BAKER CITY, ORE.—Baker City St. Ry. & Motor Co., 2 1/2 m, 3-5 1/2 g, 20 lb T r, 2 4-wheel box c, 6 h Pres. Gen. Man. & Supt. C. L. Palmer, Sec. M. D. Abbott, Treas. L. W. Place. Capital, \$50,000. 6 2

BALTIMORE, MD.—Baltimore & Curtis Bay St. R. R. Co. Elec. 10 m, 5 m, c, Edison system. 7 2

Baltimore City Pass. Ry. Co. 49 m, of which 27 are horse and 22 cable, 5-4 1/2 g, 75 lb r, 287 c, of which 163 are h, c, 62 g, c and 62 t, c. Brill cars (cable). Allis engines. Pres. & Supt. Oden Bowle, Sec. S. L. Bridge, Treas. A. B. Clark. Gen. Man. A. N. Connett. Capital \$1,000,000; authorized \$2,000,000. Bonds, \$2,000,000. Office cor. Calvert & Baltimore sts. Horse lines changing to electricity. 8 3

Baltimore Traction Co. Elec. (Includes N. Baltimore Pass. Ry. and Baltimore & Powhatan Ry.) 66 m, of which 32 are horse, 15 cable and 19 elec, 5-4 1/2 g, 66, 78, 80 lb girder r, 225 c, of which 100 are h, c, 60 g, c, 30 m, c and 35 t, c, 831 h. Westinghouse system. Brownell and Lewis & Fowler cars. Corliss, McIntosh & Seymour and Westinghouse engines. Pres. T. E. Hambleton, V. Pres. J. S. Hagerty, Sec. N. H. Johnson, Treas. F. S. Hambleton, Gen. Man. Wm. A. House, Jr., Ch. Engr. F. H. Hambleton, Office, Druid Hill Ave. Extension, Clifton. 6 3

Central Ry. Co. Elec. 13 m, 5-4 1/2 g, 90 lb tram r, 40 c, of which 30 are m, c and 10 t, c. T-H system. Brill and Stephenson cars. McIntosh & Seymour engines. Pres. G. Blakistone, Sec. N. James, Treas. N. H. Bell, Supt. J. Hopps. Capital, \$350,000; authorized \$3,000,000. Bonds \$700,000. Office 503 E. Preston st. 5 3

City & Suburban Ry. Co. Elec. (Owns Highlandtown & Point Breeze Ry. Co.) 45 m, 5-4 1/2 g, 25, 45, 65 lb T and girder r, 117 c, 710 mu. Pres. N. Perin, V. Pres. G. C. Jenkins, Sec. L. Fender, Treas. E. J. D. Cross, Gen. Man. J. F. Heyward, Capital, \$3,000,000. Bonds, \$1,430,000; authorized 3,000,000. 5 3

Highlandtown & Point Breeze Ry. Co. Elec. (Owned by Baltimore Union Pass. Ry. Co.) 6 m, 5-4 1/2 g, 45 lb tram & T r, 25 c, of which 20 are 4 wheel box & 6 4-wheel open, 100 h. 6 3

Lake Roland Elevated Ry. Co. Elec. 20 1/2 m 5-4 1/2 g, 66, 74 lb T, Duplex & girder r, 32 m, c. T-H and Edison systems. Lewis & Fowler and Pullman cars. Corliss engines. Pres. J. L. McLane, V. Pres. & Treas. R. R. Conklin, Sec. E. H. Bouton, Gen. Man. J. L. Smith, Supt. L. N. Frederick. Capital, \$1,000,000. Bonds \$1,000,000. Office, 22 N. Charles St. 5 3

BANGOR, ME.—Bangor St. Ry. (Owned and operated by Public Works Co.) Elec. 8 1/2 m, 4-8 1/2 g, 35 lb tram & T r; 25 c, of which 23 are m, c and 3 t, c. T-H system. Newburyport cars. Pres. F. M. Loughton, Sec. J. R. Mason, Treas. and Gen. Man. J. H. Cutler, Supt. Ry. Dept. J. G. Carroll, Chief Eng. J. G. Kimball. Capital, \$200,000. Bonds, \$200,000. 9 3

BATH, ME.—Bath St. Ry. Co. Elec. 4 1/2 m, 4-8 1/2 g, 50 lb T r, 8 c, of which 6 are m, c and 2 t, c. Westinghouse system. Ball & Wood engines. Pres. A. H. Shaw, Sec. C. C. Low, Treas. F. H. Twitchell, Gen. Man. A. F. Gerald, Supt. W. H. Hayden. 11 3

BATTLE CREEK, MICH.—Battle Creek Electric Ry. Co. 8 1/2 m, 4-8 1/2 g, 42 lb r; 18 c, of which 8 are m, c and 10 t, c. Short system. St. Louis cars. Williams engines. Pres. E. C. Hinman, V. Pres. H. H. C. Miller, Sec. & Gen. Man. A. K. McRae, Treas. C. H. Harbert. Capital, \$100,000. Bonds, \$110,000. Office, 15 & 17 Annex Building. 6 3

BAY CITY, MICH.—Bay Cities Consolidated Ry. Co. (Covering Bay City and West Bay City.) 24 m, of which 6 are horse and 18 elec, 4-8 1/2 g, 45, 60 lb tram and T r, 57 c, of which 10 are h, c, 32 m, c and 15 t, c, 50 h. Edison and Westinghouse systems. Brill and Stephenson cars. Corliss engines. Pres. W. B. McKinley, V. Pres. R. S. Hunter, Gen. Man. S. L. Nelson. Capital \$1,000,000. Bonds \$500,000. 5 3

BAY RIDGE, MD.—Arundel on the Bay R. R. (Operated by Chesapeake & Columbia Investment Co.) Steam 2 m, 4-8 1/2 g, 30 lb T r, 4 c, 1 engine. Pres. T. W. Smith, V. Pres. W. P. C. Hazen, Sec. T. D. Keleher, Treas. N. H. Shea, Gen. Man. D. D. Stone, Supt. L. Cavanaugh. Capital, \$100,000. Office, 806 F St., N. W., Washington, D. C. 8 3

BEATRICE, NEB.—Beatrice Rapid Transit & Power Co. Elec. 6 m, 4-8 1/2 g, 38, 52 lb girder & T r, 8 c, of which 4 are m, c and 4 t, c. Short system Receiver M. C. Steele, Pres. N. N. Brumback, V. Pres. C. L. Schell, Sec. L. E. Spencer, Treas. S. K. Davis, Supt. G. M. Johnston. Capital \$250,000. Office Cor Court & 8th Sts. 11 2

BEAUMONT, TEX.—Beaumont St. Ry. Co. 2 1/2 m, 4-8 1/2 g, 30 lb T r, 3 c, 3 mu. Pres. G. W. Carroll, V. Pres. W. R. Caswell, Sec., Treas. & Gen. Man. J. H. Rachtford. Capital, \$15,000; authorized \$100,000. 2 3

BEAVER FALLS, PA.—Beaver Valley Traction Co. (Includes Central Electric St. R. R. Co. and College & Grand View Co.) Elec. 9 m, 5-2 g, 45, 56, 72 lb. girder & T r, 15 c, of which 12 are m, c and 3 t, c. T-H system. Brill cars. Buckeye engines. Pres. J. M. Buchanan, V. Pres. T. P. Simpson, Sec. & Gen. Man. H. P. Brown, Treas. S. P. Stone. Capital, \$300,000. Bonds, \$150,000. 8 3

College & Grand View Electric R. R. Co. (Extension of Beaver Valley Traction Co.) 7 m, 4-8 1/2 g, 56 lb girder r, 2 m, c. Westinghouse system. Pres. C. O. Mallon, Sec. A. R. Leyda, Treas. J. B. Sherwood. Capital, \$15,000. 7 3

BELLAIRE, O.—Bellaire St. R. R. Co. 2 1/2 m, 4-8 1/2 g, 20 lb r, 5 c, 20 h. Pres. & Gen. Man. J. Felix, Treas. J. C. Beard, Supt. F. Rodewig. 2 3

BENSON, NEB.—Benson & Halcyon Heights Ry. Co. Elec. 2 m, 4-8 1/2 g, 20 lb T r, 2 m, c. Westinghouse system. Pres. W. H. Crary, Supt. E. H. Cone. 8 3

BEREA, O.—Cleveland & Berea St. Ry. Co. 4 1/2 m 4-8 1/2 g, 40 lb tram & T r, 2 4-wheel box c, 3 h. Pres. C. W. D. Miller, V. Pres. O. S. Pomeroy, Sec. & Treas. A. H. Pomeroy, Supt. A. W. Bishop. Capital, \$60,000 authorized, \$150,000. Bonds, \$15,000. 1 3

BERKLEY, VA.—The Berkley St. Ry. Co. 2 m, 4-8 1/2 g, 20 & 42 lb c. b., & T r, 7 c, 12 h, 8 mu. Jones and Stephenson cars. Pres. T. H. Synon, Sec. Treas. & Gen. Man. W. Tillotson, Capital, \$8,750; authorized \$75,000. Bonds \$8,500. 5 3

BESSEMER, ALA.—Bessemer & Birmingham R. R. Co. 13 1/2 m, 4-8 1/2 g, 40 lb T r, 15 c, of which 10 are 8 wheel box & 5 8-wheel open, 4 frgt. c, 5 steam motors. Pres. T. T. Hillman, V. Pres. & Gen. Man. R. Jemison, Sec. J. A. Stratton, Supt. J. B. McClary Capital \$250,000. Owned by Birmingham Ry. & Elec. Co. 8 3

BIDDEFORD, ME.—Biddeford & Saco R. R. Elec 6 m, 4-8 1/2 g, 35 lb T r, 18 c, of which 4 are 4-wheel box 7 m, c and 7 t, c. T-H system. Jones cars. Westinghouse engines. Pres. E. H. Banks, Sec. & Treas. Chas. H. Prescott. Capital, \$40,000. Bonds, \$30,000. Office, 154 Main st. 8 3

BINGHAMTON, N. Y.—Binghamton R. R. Co. Elec. 22.12 m, of which 1 is horse and 21.12 elec, 4-8 1/2 g, 35, 40, 48 lb T r, 35 c, of which 25 are m, c and 10 t, c, 17 h. Edison and T-H systems. Ball & Wood engines. Pres. G. T. Rogers, V. Pres. J. Evans, Sec. C. O. Root, Treas. J. B. Rogers, Gen. Man. & Supt. J. P. E. Clark. Capital, \$268,650; authorized \$500,000. Bonds, \$220,000. Office, Power Station. 8 3

Court St. & East End R. R. 3.38 m, 4-8 1/2 g, 35 & 45 lb flat & T r, 9 c, of which 5 are box and 4 open, 26 h Pres. Chas. M. Stone, V. Pres., Sec. & Treas. Wm G. Phelps, Supt. Miles Leonard. Office, Phelps Bank Bldg. Capital stock, \$35,000. 1 3

West Side St. Ry. Co. 1 1/2 m, 4-8 1/2 g, 35 lb T r 2 4-wheel box c. Pres. C. M. Stone, Sec. & Treas. W. G. Phelps. Office, Phelps Block. Capital, \$25,000. Leased to Court st. & East End R. R. 1 3

BIRMINGHAM, ALA.—Birmingham Ry. & Electric Co. 58 m, of which 43 are steam, and 15 elec 4 8 1/2 g, 40-58 lb T & Johnson girder r, 104 c, of which 32 are h, c, 36 steam, 24 m, c, and 12 t, c, 50 h. T-H system. Pres. T. T. Hillman, V. Pres. & Gen. Man. R. Jemison, Sec. & Treas. Jas. A. Stratton, Supt. J. B. McClary. Capital, \$1,900,000; authorized, \$3,000,000; Bonds, \$927,000. Office, 303 20th St. 8 3

Birmingham & Forest City Dummy St. R. R. 4 m, 4-8 1/2 g, 38 lb. r., 2 dummies, 2 coaches. Pres. & Man. E. Eastman. 9

Highland Ave. & Belt R. R. Co. 29 m, 4-8 1/2 g, 40 lb T r and 14 pass. c, 9 engines. Pres. F. M. Billing Treas. & Gen. Man. J. London, Supt. F. T. Bradford, Aud'r L. F. Worl. Gen. Frt. Agt. J. E. Scott. Capital \$1,000,000. Office, 9 N. 20th St. 9 2

BIRMINGHAM, CONN.—Derby Street Ry. Co. Elec. 4 m, 4-8 1/2 g, 45 lb girder and flat r; 11 c, of which 6 are m, c and 5 t, c. T-H system. Pres. H. Holton Wood, V. Pres. Chas. F. Bliss, Sec. Geo. O. Schneller, Treas. Chas. E. Clark, Supt. B. W. Porter Capital stock \$50,000; authorized \$200,000. Bonds \$5,000 8 3

BLOOMFIELD, N. J.—Newark & Bloomfield R. R. (See Newark, N. J.)

BLOOMINGTON, ILL.—The Bloomington City Ry. Co. Elec. 11 m, 4-8 1/2 g, 45, 47 lb T & tram r, 25 c, of which 15 are m, c, and 10 t, c. Westinghouse and Short systems. St. Louis cars. Buckeye engines. Pres. John J. Patterson, V. Pres. Sec. Treas. & Gen. Man. W. H. Patterson. Capital, \$600,000. Bonds, \$209,000. 8

BLOUNTSVILLE, ALA.—Blountsville & Bangor Dummy Line Co. 1 1/2 m. Pres. A. E. Fields, V. Pres. W. M. Cole, Sec. J. L. Montgomery, Treas. W. M. Fennell, Gen. Man. C. Ternén, Supt. J. A. B. Lovett. 1 3

BOISE CITY, IDAHO.—Boise City Rapid Transit Co. Elec. 3 m, 4-8 1/2 g, 35 lb T r, 2 m, c. Edison system. Brill cars. Pres. G. Ainslee, V. Pres. D. Arnold, Sec. G. E. Gray, Treas. & Gen. Man. G. D. Ellis. Capital \$56,000; authorized \$200,000. Office Main St. 9 3

Electrical Slate and Marble,

Contracts Taken for Switchboards, Including Iron Frames, Drilling and Placing in Position.

T. J. MURPHY & CO., 136 Liberty St., New York.

BOONE, IA.—Boone Electric St. Ry. Light & Power Co. 5 1/2 m, 4-8 1/2 g, 52 lb T r, 8 m c. Westinghouse system. Pres. L. W. Reynolds, V. Pres. D. F. Goodykootz, Sec. S. T. Stanfield, Treas. C. E. Rice, Gen. Man. J. Reynolds, Supt. J. F. Reynolds. Capital, \$200,000. Bonds, \$125,000. 5 3

BOSTON, MASS.—Boston & Chelsea R. R. Co. (Leased to West End St. Ry. Co. operated by Lynn & Boston Ry. Co.) 4.154 m, 4-8 1/2 g, 48-56 lb girder r Pres. W. G. Wheelden, Treas. & Clerk, John H. Studley, Jr. Office, 81 Milk st. Capital \$121,000. 5 3

Boston & Revere Electric St. Ry. Co. 4-30 m, 4-8 1/2 g, 56 lb T r, 16 c, of which 6 are 4-wheel open m. c. and 10 are 4-wheel open t. c. T-H system. Pres. & Man. Washington G. Benedict, Sec. & Treas. Elery I. Garfield. Capital \$50,000. 11 2

East Middlesex St. R. R. Co. (Controlled by North Shore Traction Co.) Elec. 18.31 m, of which 12.31 are horse and 6 elec. 4-8 1/2 g, 42, 70 lb r, 48 c, of which 39 are h c and 9 m c, 185 h. T-H system. Pres. A. F. Breed, Sec. L. F. Arnold, Treas. D. H. Sweetser, Supt. J. E. Sewell. Capital, \$300,000. Bonds, \$225,000. Office, 35 Congress st. 5 3

Lynn & Boston R. R. Co. (Includes Essex, Naumkeag & Lynn Belt Line Rys., Controlled by North Shore Traction Co.) Elec. 108 1/2 m, 4-8 1/2 g, 35, 45, 50, 70 lb tram, girder & T r, 381 c, of which 319 are h c, 48 m c and 14 t c, 1,195 h. T-H system. Pres. Amos F. Breed, V. Pres. & Clerk, E. Francis Oliver, Treas. C. Williams, Gen. Man. Elwin C. Foster, Auditor, A. S. Paltray. Capital, \$700,000; authorized \$1,000,000. Bonds, \$7,000,000. Office, 333 Union st., Boston. 11 2

Malden & Melrose R. R. Co. (Operated by West End St. Ry. Co.) 8 m, 4-8 1/2 g, 35 & 52 lb Street r Pres. Chas. E. Powers, Sec. J. H. Studley, Jr. Capital \$200,000. Office, 81 Milk st. 5 3

North Shore Traction Co. (Controls Lynn & Boston Ry. Co.) Capital, \$6,000,000. Bonds, \$2,445,000.

Somerville Horse R. R. Co. (Operated by the West End St. Ry. Co.) 5.4 m, 4-8 1/2 g, 56 lb r Boston pattern. Pres. Josiah Q. Bennett, Somerville, Treas & Clerk, J. H. Studley, Jr. Office, 81 Milk st. Capital, \$153,000. 6 3

West End St. Ry. Co. (Includes Boston & Chelsea, Malden & Melrose, Somerville), 255 m, of which 115 are horse and 140 are elec., 4-8 1/2 g, 50 to 100 lb tram & girder r, 2254 c, of which 1226 are h c, 1023 m c, 3764 h. T-H system. Pres. S. Little, V. Pres. P. Cummings, Treas. J. H. Goodspeed, Gen. Man. C. S. Sergeant, Auditor, H. L. Wilson, Pur. Agt. Henry F. Woods, Chief Eng. Elec. Dept. F. S. Pearson Capital, \$15,485,000; authorized \$16,400,000. Bonds, \$3,250,000. Office, 81 Milk St. 5 3

Winnisimmet R. R. Co. Elec. 2.015 1/2 m, 4-8 1/2 g, 70 lb girder r, T-H system. Pres. T. P. Proctor, Boston, Treas. & Clerk, E. Francis Oliver, Boston. Capital, \$50,000; authorized, \$75,000. Office 32 Pemberton St. Leased to Lynn & Boston Co. 5 3

BOWLING GREEN, KY.—Park City Ry. Co. Pres. H. E. Jenkins, V. Pres. J. E. DuBose. 12 2

BRADFORD, PA.—Bradford & Kendall Ry. Co 1 1/2 m, 4-8 1/2 g, 35 lb T & flat r, 2 c, 5 h. Pres. & Gen. Man. W. S. Wales, Sec. & Supt. M. F. King, Treas G. S. Wales. Capital, \$12,000. 9 2

BRADDOCK, PA.—Braddock & Turtle Creek St Ry. Co. Elec. 3.7 m, 5-2 1/2 g, 40, 48 1/2 lb T & Johnson girder r, 6 m c, Westinghouse & T-H systems Pres. J. D. Callery, Sec. J. C. Reilly, Treas. J. W Taylor. Capital \$62,000. Bonds \$50,000. 7 2

Braddock Electric Ry. Co. 3 1/2 m, 5-2 1/2 g, 48 1/2 lb Johnson girder r, 5 m c. Short system. Pres. A. L Sallor, V. Pres. J. P. McKelvey, Sec., Treas. & Man. C. F. Ellis. Capital, \$80,000; authorized, \$100,000. Bonds, \$40,000. Office, Bell Ave. 5 3

BRANTFORD, CAN.—Brantford St. Ry. Co. 5 m, 3-6 g, 25 lb r, 74-wheel box c, 22 h. Pres. D. A. Flack, V. Pres. R. A. Pringle, Sec., Treas. & Man Chas. H. Flack. Capital \$40,000. h 3 1

BRIDGEPORT, CONN.—Bridgeport Horse R. R Co. (Controlled by Bridgeport Traction Co.)

Bridgeport Traction Co. (Controls Bridgeport Ry., Bridgeport Horse R. R. and East End Ry. companies.) 22 m, 4-8 1/2 g, 30, 45, 56 lb T, c b & s b r, 84 c, 436 h. Brill, Jones and Stephenson cars. Pres. & Gen. Man. N. H. Heft, V. Pres. E. S. Ward, Sec. T. L. Watson, Treas. W. Scheerer. Capital \$2,000,000. Bonds authorized \$780,000. 8 3

The East End Ry. Co. (Controlled by Bridgeport Traction Co.) 6 m, 4-8 1/2 g, 35 & 45 lb T r, 27 c, of which 15 are 2-h. and 12 1-h. 200 h. Pres. N. H. Heft, Treas. W. H. Scheerer, Supt. T. B. Lashar. Capital \$42,550; authorized, \$100,000. Bonds, \$12,000. 5 3

BRIDGEPORT, O.—Bellaire, Bridgeport & Martin's Ferry St. R. R. Co. 11 1/2 m, 5-2 g, 63, 83 lb girder r, 13 m c 3 h. T-H system. New Castle cars. Buckeye engines. Pres. J. K. Jolly, V. Pres. P. D. Nicols, Sec. R. T. Howell, Treas. A. K. Leyda, Supt. J. G. Ourey. Capital, \$250,000. Bonds, \$150,000. 9 3

BRISTOL, TENN.—Bristol St. Car Co. (Owned by Bristol Belt Line Ry. Co.)

Bristol Belt Line Ry. Co. Elec. 7 m, 4-8 1/2 g, 35 lb T r, 7 c, of which 5 are m c and 2 t c. Short & Edison system. Pres. J. L. Stadelman, Sec. & Gen. Man W. A. Stadelman, Treas. Aaron Ward Morris. Capital, \$250,000. Bonds, \$75,000. 12 2

BROCKTON, MASS.—Brockton St. Ry. Co. (Includes East Side, Brockton & Holbrook and Whitman Rys.) Elec. 31.635 m, 4-8 1/2 g, 35 40 & 45 lb flat and T r; 75 c, of which 49 are m c and 26 are t c. T-H system. Pres. G. H. Campbell, Treas. A. A. Glasler, Gen. Man. H. B. Rogers. Capital, \$250,000. Bonds, \$300,000. Office, 203 Main st. 5 3

BROOKLYN, N. Y.—Atlantic Avenue R. R. Co. of Brooklyn. (Controlled by Brooklyn Traction Co.) Elec. 42 m, 4-8 1/2 g, 50-60 lb c b and flat r, 383 c, 1,562 h. Westinghouse system. Pres. B. Norton, Sec. W. J. Richardson, Treas. N. H. Frost, Supt. H. R. Newkirk, Supt. of Const'n J. R. Beetem, Elec. Engr. F. Stillman, Jr., Supt. of Line Const'n E. B. Gunn, Pur. Agt. W. M. Tobias. Capital, \$9,000,000. Bonds \$3,000,000. Executive office, Franklin Trust Co. Building, Montague St.; Supt's office, cor. Atlantic & Third aves. 6 3

Broadway R. R. Co. of Brooklyn. 23,042 m, 4-8 1/2 g 60 lb double groove r, 203 c, 733 h. Pres. S. Spencer, V. Pres. & Gen. Man. G. W. Maslin, Sec. W. S. Townsend, Treas. R. D. Lankford, Supt. H. Myerbolz Capital, \$325,000. Bonds, \$350,000. Office, 21 Broadway, E. D. 8 3

Brooklyn City R. R. Co. Elec. 184 m, of which 156 are horse, 8 steam and 20 elec. 4-8 1/2 g, 50, 60 & 65 lb s b, c-b & girder r (all steel), 1,603 c, of which 1,507 are horse, 76 elec. m c, 20 are t c, 29 steam motors, 5,587 h. Pres. D. F. Lewis, V. Pres. E. D. White, Sec. & Treas. W. A. H. Bogardus, Asst. Sec. & Treas. Thos. P. Swin, Supt. J. C. Cameron. Capital authorized and issued \$6,000,000. Bonds, \$3,925,000. Offices cor. Montague & Clinton Sts. 9 2

Brooklyn City & Newtown R. R. Co. Elec. 21 1/2 m, 4-8 1/2 g, 58-96 lb girder r, 256 c, of which 108 are m c and 148 t c 24 h. Westinghouse system. Brill, Jones and Stephenson cars. Westinghouse, Church, Kerr & Co. engines. Pres. John N. Partridge, V. Pres. L. Fitzgerald, Sec. & Treas. Duncan, B. Cannon, Supt. John L. Heins. Capital, \$1,000,000; authorized \$2,000,000. Bonds, \$1,775,000. General office, 120 Broadway. Executive office, cor. DeKalb & Central aves. 11 3

Broadway Ferry & Metropolitan Ave. R. R. Co. 11 m, 4-8 1/2 g, 47-52 lb c. b. and tram r, 55 c, 124 h. Pres G. W. Maslin, Sec. E. M. Robinson, Treas. R. D. Lankford, Supt. H. Myerbolz. Capital, \$100,000. Bonds, \$155,000. Office, 21 Broadway. 8 3

Brooklyn Heights R. R. Co. Cable. 1.1 m, 4-8 1/2 g 60 lb girder r, 8 c. Pres. D. F. Lewis, V. Pres. J. E Searles, Jr., Sec. E. Johnson, Treas. G. S. Studwell. Supt. A. Rogers. Capital, \$300,000. Bonds, \$250,000 Office, 40 State st. 4 2

Coney Island & Bklyn R.R. Co. Elec. 22 m, of which 16 are horse & 6 elec., 45 & 60 lb r, 4-8 1/2 g, 115 c, of which 40 are box, 61 open and 14 m. c., 300 h. T-H and Edison systems. Pres. H. W. Slocum, Sec. & Treas. E. F. Drayton Supt. D. W. Sullivan. Office, cor. Smith & Huntington sts. Capital, \$500,000. 4 2

Franklin Ave. R. R. Branch of Brooklyn City & Newtown R. R. Co. Elec. 9 m, 4-8 1/2 g, 98 lb girder r, 72 c, of which 40 are 4-wheel box and 32 are 4-wheel open. Westinghouse system. 8 3

Jamaica & Brooklyn R. R. Co. (See Jamaica, N. Y.)

Prospect Park & Flatbush R. R. Co. 3 m, 4-8 1/2 g, 34 lb r, 4 box c, 10 h. Pres. H. W. Slocum, Sec. & Treas H. W. Slocum, Jr., Supt. D. W. Sullivan. Office, 45 Broadway. Capital \$50,000. 4 2

Van Brunt St. & Erie Basin R.R. Co. 2 1/2 m, 4-8 1/2 g, 45 lb s b r, 19 c, 41 h. Pres. Michael Murphy, Sec. & Treas. Wyllys Terry, Supt. T. J. Carey. Capital authorized and issued, \$150,000. Bonds, \$25,000. Offices, 264 Van Brunt st. 9 2

BROWNSTOWN, IND.—Brownstown & Ewing St. R. Co. 2 m, 5-4 g, T r, 1 c, 4 h, 2 mu. Pres. & Supt. F. Falk, V. Pres. & Sec. W. L. Bryant, Treas. G. H. Hines Capital, \$3,500; authorized, \$5,000. 5 3

BRUNSWICK, GA.—Brunswick St. R. R. Co. 9 m, 4-8 1/2 g, 48 1/2 lb T and girder r, 15 c, 50 mu, 1 1/2 m on St. Simon's Island, with 2 steamboats connecting lines. Stephenson cars. Owners, A. J. Crovatt, J. E. Dubignon, A. H. Lane, W. O. Allison, Gen. Man. W. E. Recknagel. Office, Newcastle st. Capital, \$200,000. 6 3

BUFFALO, ILL.—See Mechanicsburg, Ill.

BUFFALO, N. Y.—Buffalo Railway Co. (Operates Crosstown Ry.) Elec. 120.53 m, of which 24 are horse and 96 elec., 4-8 1/2 g, 62 lb girder r, 345 c, of which 118 are h c, 127 m c and 100 t c, 762 h. T-H system. Pres. Henry M. Watson, V. Pres. & Gen. Man. H. H. Littell, Sec. & Treas. Joseph S. Baecher, Supt. Capital, \$5,370,500; authorized, \$6,000,000. Bonds, \$6,330,000. Office, 346 Main st., Buffalo. 8 3

Buffalo, Bellevue & Lancaster Ry. Co. 5 m c. T-H system. 12 2

Buffalo & Tonawanda Electric Ry. Co. 6 m, 4-8 1/2 g, 45 lb T & girder r, 8 c, of which 3 are m c and 5 t c T-H & Edison systems. Pres. E. H. Butler, V. Pres M. Nellany, Sec. & Treas. C. M. Howard, Supt. W. J Voorhees. Capital, \$125,000; authorized \$250,000. 9 2

Buffalo, Kenmore & Tonawanda Electric R. R. Co. 5.66 m, 4-8 1/2 g, 60, 75 lb T & girder r, 4 m c. T-H system. Brill cars. Noye Engines. Pres. D. F. Callahan, V. Pres. N. E. Mack, Sec. G. H. Frost, Treas. J. L. Donovan, Supt. H. E. Heller. Capital \$50,000. 8 3

Buffalo, North Main St. & Tonawanda R. R. Co Elec. 5 1/2 m, 4-8 1/2 g, 65-90 T r, 6 c, of which 3 are m c and 3 t c. Pres. L. F. W. Arend, V. Pres. A. T Fancher, Sec. E. Rutherford, Treas. C. C. Mead Capital \$60,000. Office 44 Niagara st. 5 3

Crosstown St. Ry. Co. (Operated by Buffalo Ry. Co.) Elec. 52 m, 4-8 1/2 g, 67 lb girder r, 60 m c. T-H system. Pres. & Gen. Man. H. H. Littell, Sec. & Treas. J. S. Baecher, Supt. A. J. Porter. Capital, \$1,500,000. Bonds, \$1,500,000. 8 3

BURLINGTON, IA.—Burlington Electric Ry. Co. 11 m, 4-8 1/2 g, 40 lb T r, 45 c, of which 20 are h c, 15 m c and 7 t c. Westinghouse system. Pres. W. F. Putnam, V. Pres., Treas. & Supt. F. G. Jones, Sec. G. McInnes. Capital, \$650,000. Bonds, \$300,000. 7 1

BURLINGTON, VT.—Winooski & Burlington St. Ry. Co. 6.38 m, of which 1.50 are horse and 4.88 Elec. 4-8 1/2 g, 50 lb T r, 17 c, of which 8 are m c and 9 h c and t c, 24 h. Gen. Elec. system. Gilbert cars. Pres. Elias Lyman, V. Pres. J. A. Powers, Sec. & Treas W. F. Hendee, Supt. T. B. Jones. Capital, \$135,000; authorized, \$200,000. Bonds, \$100,000. Office, 186 College st. 8 3

BUTE, MONT.—Butte Consolidated Ry. Co. 15 m, of which 1 1/2 are cable, 2 steam and 13 1/2 elec, 4-8 1/2 g, 40 and 50 lb T r, 24 c, of which 5 are steam, 4 g c, 10 m c and 5 t c. Edison system. Pres. W. Bennett, Sec. & Gen. Man. J. R. Wharton, Treas. W. A. Clark. Capital, \$500,000. Office, Main & Park sts. 9 3

C

CAIRO, ILL.—The Delta Electric Co. 4 m, 4-8 1/2 g 45 lb T r, 6 c, of which 4 are m c and 2 t c. Detroit system. St. Louis cars. Russell engines. Pres. W. Kluge, V. Pres. A. Miller, Sec. & Gen. Man. H. Schulze, Treas. H. Hasenjaeger. Capital, \$150,000. Bonds, \$50,000. Office 1010 Washington av. 8 3

CALERA, ALA.—So. Calera Land & Imp't Co. 2 m, 4-8 1/2 g, 40 lb steel r, 1 dummy engine. Capital, \$150,000. Office, Calera. b

CAMDEN, N. J.—Camden & Atlantic R. R. Co Elec. 6 1/2 m, 4-9 g, 60 lb r, 18 motor & 19 trail c Pres. G. B. Roberts, V. Pres. Wm. J. Sewell, Sec. J R. McClure, Treas. W. Taylor, Supt. A. O. Dayton Office 238 S. 4th st., Phila. 7 1

Camden, Gloucester & Woodbury Ry. Co. Elec. 15 m, 5 g, 80 lb girder r, 42 c, of which 12 are m c and 30 t c. Westinghouse system. Lamokin cars. Westinghouse engines. Pres. J. Willard Morgan, Sec. T. F. Curley, Treas. W. J. Tompson, Engr. J. J. de Kinder, Supt. H. M. Royal. Capital, \$600,000. Bonds, \$250,000. 9 3

Camden Horse R. R. Co. Elec. 28 1/2 m, of which 11 1/2 are horse and 16 1/2 elec. 5 g., 47, 52, 63 1/2, 80 lb s-b Duplex and girder r, 74 c, of which 28 are h c, 26 m c and 18 t c, 150 h. Edison, T-H and Westinghouse systems. Brill, Lewis & Fowler and Stephenson cars. Westinghouse and Ball engines. Pres. Wm. S. Scull, V. Pres. B. C. Reeve, Sec. Morris W. Hall, Treas. G. G. Browning, Supt. S. J. Fenner. Capital, \$250,000. Bonds, \$150,000. Office, 307 Market st. 8 3

CANANDAIGUA, N. Y.—Canandaigua St. R. R Co. 2 1/2 m, 4-8 1/2 g, 36 lb Johnson girder r, 6 c, of which 4 are box and 2 are open, 12 h, 12 mu. Pres. A. S. Cooley, V. Pres. L. B. Smith, Sec. Chas. F. Milliken, Treas. & Supt. Chas. C. Sackett. Capital, \$30,000. Bonds \$20,000. 9 1

CANTON, O.—Canton St. Ry. Co. Elec. 6 1/2 m 4 g, 40 & 50 girder & T r, 38 c, of which 24 are m c and 14 t c. Edison system. Pres. & Treas. W. A Lynch, V. Pres. R. A. Miller, Sec. A. J. Underhill, Supt. T. R. Catlin. Capital \$300,000. Office, 275 W. Tuscarawas st. 9 2

Lakeside St. R. R. Co. Elec. 2 1/2 m, 4 g, 40 lb T r, 12 c, of which 6 are m c. and 6 t c. Summer line. Officers, same as above. 9 2

CAPE MAY, N. J.—Cape May & Schellenger's Landing R. R. Co. 3 m, 5-2 g, 45 lb r, 4 1-h & 2-h c, 50 h. Pres. L. H. Cone, Sec., Treas. & Gen. Man. J. H. Edmunds. 7 1

Cape May, Delaware Bay & Sewell's Point Electric Ry. Co. 6 1/2 m, 4-8 1/2 g, 45 lb T r, 16 c, of which 10 are m c and 6 t c. Westinghouse system. Brill and Lamokin cars, Ball engines. Pres. G. G. Browning, Sec. & Gen. Man. J. J. Burleigh, Treas. B. C. Reeves, Supt J. H. Edmunds. Capital, \$150,000. Bonds, \$150,000. Office, Camden. 8 3

CARBONDALE, PA.—Carbondale Traction Co Elec. 7 m, 5-2 g, 45, 52 lb T & girder r, 6 m c. T-H system. Pres. J. W. Aitken, Treas. M. F. Tompson, Gen. Man. W. F. Sadler, Jr., Supt. H. M. Kalbush. Capital, \$150,000. Bonds, \$150,000. 4 3

CARTERSVILLE, MO.—Southwest Missouri Electric Ry. Co. (See Webb City.)

CARTHAGE, MO.—Carthage Horse Ry. Co. 4 1/2 m, 3-6 g, 16-30 lb T r, 5c, of which 4 are box and 1 open, 2h, 18 mu. Pres. J. Guiney, Sec. J. W. Halliburton, Gen. Man. & Supt. E. A. Sexton. Capital \$30,000. Bonds \$10,000. Office, 19 S. Grant st. 5 3

CEDAR RAPIDS, IA.—Cedar Rapids & Marion Ry. Elec. 14 m, 4-8 1/2 g, 45, 58 lb T & girder r, 25c, of which 18 are m c and 7 t c. T-H system. American and St. Louis cars. Allis engines. Pres. P. E. Hall, V. Pres. W. D. Douglas, Sec. J. S. Ely, Treas. C. H. Clark, Supt. F. L. Diserens. 5 3

CENTERVILLE, IA.—Centerville St. Ry. 1.6 m 3-8 g, 20 lb. T r, 2 4-wheel box c, 14 mu. Robinson & Hitt cars. Pres. J. R. Wooden, Sec. & Treas. C. R. Wooden. Capital \$12,000; authorized, \$35,000. 5 3

CENTRALIA, ILL.—Centralia & Central City St. Ry. Co. 3 1/2 m, 4-8 1/2 g, 25 lb T r, 8 c, 14 mu. Pres. S. N. Pierce, V. Pres. J. Grush, Sec. G. P. Duncan, Treas. A. Dunker, Supt. H. M. Johnson. Capital, \$7,950; authorized, \$10,000. 8 3

CHAMPAIGN, ILL.—Urbana & Champaign St Ry. Co. (Lessee of Champaign Rapid Transit.) Elec. 9 m, 4-8 1/2 g, 40-48 lb T r, 12 c of which 6 are m. c. and 6 t. c. Westinghouse system. Pres. Treas. & Gen. Man. B. F. Harris, Jr., Gen. Supt. H. J. Pepper. Capital, \$150,000. Bonds, \$50,000. 11 2

Champaign Rapid Transit Co. Leased to Urbana & Champaign St. Ry. Co. Elec. 3 m, 4-8 1/2 g 50 lb. T r, 3 m. c. Westinghouse system. Capital, \$50,000. 11 2

CHARLESTON, S. C.—Charleston City Ry. Co. 13 m, 4-8 1/2 g, 38 & 42 lb c. b. r, 39 c, of which 28 are box, & 11 open 144 h. Pres. Jno. S. Riggs, Sec. & Treas. Frank F. Whilden, Supt. John Mohlenhoff. Office, 4 Broad st. 11 2

Enterprise R. R. Co. 13 1/2 m, 5 g, 30 & 40 lb c b & T r 35 c, 87 h, 16 mu. Brill and Jones cars. Pres. and Gen. Man. T. W. Passafiume, Sec. & Treas. P. J. Balaguer. Capital, \$250,000; authorized, \$500,000. Bonds, \$50,000. Office, Cor. Shepard and Meeting Sts. 8 3

Middle Street Sullivan Island Ry. Co. 2 1/2 m, 4-8 1/2 g, 20 & 30 lb T r, 7 c, 14 mu. Pres. B. Callaghan, Sec & Treas. Frank F. Whilden, Supt. B. Buckley. Capital \$15,000. Office 4 Broad st. 1 3

CHARLESTON, W. VA.—Charleston St. Ry. Co. 4 m, 4-8 1/2 g, 35 lb. s. b. r, 6 open c, 7 h, 12 mu. Sec E. W. Bridge, Treas. & Gen. Man. J. D. Campbell Supt. W. B. Carder. Capital, \$50,000. Bonds, \$10,000 Office, 215 Kanawha st. 3 2

CHARLOTTE, N. C.—Charlotte St. Ry. Co. Elec 5 m, 4-8 1/2 g, 40-45 lb T & girder r, 9 c of which 6 are m c and 3 t c. Edison system. Brill cars. Armington & Sims engines. Pres. & Treas. E. D. Latta, Gen. Supt. A. J. Baird Auditor, F. A. Savin. Capital, \$60,000. Bonds \$100,000 5 3

CHARLOTTESVILLE, VA.—Charlottesville & University St. Ry. Co. 1 1/2 m, 4-8 1/2 g, 16 lb T r, 6 c, 2 h, 13 mu. Lewis & Fowler cars. Pres. Treas. & Gen. Man. R. P. Valentine, Sec. Geo. Perkins, Supt. H. D. Porter. Capital, \$10,000; authorized, \$100,000. Bonds, \$22,000. 8 3

CHATTANOOGA, TENN.—Chattanooga & North Side St. Ry. Co. Elec. 6 m, 4-8 1/2 g, 56 lb girder & T r 9m. c. T-H system. Stephenson cars. Armington & Sims engines. Pres. & Gen. Man. S. R. Read, V. Pres. N. E. Barker, Sec. & Treas. W. H. Hart. Capital, \$40,000. Bonds, \$60,000. 8 3

Chattanooga Coal, Iron, Land & Ry. Co. 3 m. 3 m. c. Edison system. 7 2

Chattanooga Electric Ry. Co. 40 m, 4-8 1/2 g, 40, 63 lb T & girder r, 36 c, of which 32 are m c and 4 t c T-H, Detroit & Edison systems. Brill and Stephenson cars. Armington & Sims and Taylor engines. Pres., Sec. & Treas. S. W. Divine, V. Pres. E. Watkins, Supt. C. P. Young. Capital, \$1,500,000; authorized, \$1,500,000. Bonds, \$1,200,000. 5 3

Chattanooga Union Ry. Co. dummy line, 44 m 4-8 1/2 g, 56 lb. r, 69 c, of which 17 are pass. c. and 42 freight c. Gilbert and Chattanooga Car & Foundry Co. cars. Baldwin and Rhode Island engines. Pres. H. S. Chamberlain, Sec. & Treas. O. L. Huribut, Supt. J. R. Shaler. Capital, \$1,000,000. 6 3

North Chattanooga St. Car Co. Elec. 3 m, 4-8 1/2 g, 56 lb T r, 3 m. c. Edison system. Stephenson cars. Pres. T. D. Young, Sec. H. C. Beck, Treas. J. Orr, Gen. Man. T. J. Nichol, Supt. W. T. Teas. 1 3

CHESTER, PA.—Chester St. Ry. Co. (Leased to Union Ry. Co.) 7 1/2 m, 5-2 1/2 g, 47 lb r, 18 c, 80 h. Pres. S. A. Dyer, V. Pres. R. Peters, Jr., Sec. J. G. Dyer, Treas. J. F. Black, Supt. John McFayden. Capital \$100,000, fully paid up. Office, 1,300 Edgmont av. 6 2

Chester, Darby & Philadelphia St. Ry. Co. Elec. 8 m, 4-8 1/2 g, 20 m. c. Pres. G. C. Hetzel, Consulting Engr. W. E. Clemens, Wakenfield Mass. 5 3

Union Ry. Co. Elec. 25 m, 5-2 1/2 g, 62 1/2 lb girder r, 35 m. c. Short and Westinghouse systems. Brill and Lamokin cars. Wetherill engines. Pres. S. A. Dyer, Sec. & Treas. J. G. Dyer, Supt. J. MacFayden. Capital, \$100,000. 5 3

CHEYENNE, WYO.—Cheyenne St. R. R. Co. 5 m, 3-6 g, 22 lb T r, 11 c, 20 h. Pres. F. E. Warren V. Pres. N. R. Davis, Sec. J. C. Baird, Gen. Man. & Supt. T. A. Kent. 5 3

CHICAGO, ILL.—Chicago City Ry. Co. 159.74 m, of which 93.21 are horse, 34.97 cable and 26.56 elec. 4-8 1/2 g, 78, 83 lb girder r, 1,739 c, of which 1,355 are h c and t c, 62 m c and 322 g c, 2,618 h. Pres. Geo. H. Wheeler, 1st V. Pres. J. C. King, 2d V. Pres. E. M. Phelps, Sec. F. R. Greene, Treas. T. C. Pennington, Track Master C. E. Hall, Supt. M. K. Bowen Capital, \$9,000,000. Bonds \$4,619,500. Office, 2,020 State St. 5 3

Calumet Electric St. Ry. Co. Elec. 44 m, 4-8 1/2 g, 78 80 lb girder r, 101 c, of which 50 are m c and 51 t c. T-H & Detroit systems. American, Pullman and St. Louis cars. Ball and Armington & Sims engines. Pres. W. V. Jacobs, V. Pres. J. C. Evans, Sec. & Treas. A. J. Whipple, Gen. Supt. F. O. Rusling. Capital, \$500,000. Office, cor. 94th and Drexel Ave. 9 3

Chicago General St. Ry. Co. (includes West & South Towns St. Ry. Co.) Elec. 11 1/2 m, 4-8 1/2 g, 80 lb girder r, 5 m. c. Sperry system. Pullman cars. Siemens & Halske engines. Pres. L. E. McGann, V. Pres. C. L. Bonney, Sec. & Treas. L. C. Bonney. Capital \$500,000; authorized \$3,000,000. Bonds \$200,000. Office 971 W. 22d St. 8 3

Chicago Pass. Ry. Co. 27 m, 4-8 1/2 g, 52 & 60 lb r, 113 c, 480 h. Pres. & Gen. Man. J. B. Parsons, Sec. & Treas. Geo. L. Webb. Leased to West Chicago St. R. R. Co. Office, 89 W. Washington St. 5 3

Cicero & Proviso St. Ry. Elec. 27 m, 4-8 1/2 g, 60 lb Johnson girder r, 54 c, of which 43 are m c and 11 t c. Edison system. Pres. D. J. Kennedy, V. Pres. T. A. Snow, Sec. F. E. Ballard, Treas. D. J. Kennedy, Gen. Man. Geo. Butters, Supt. J. T. Hughes. Capital stock, \$1,000,000. Bonds, \$600,000. Office, Oak Park. 1 3

North Chicago St. R. R. Co. 83 m, of which 66 are horse and 17 are cable, 4-8 1/2 g, 66 1/2 lb girder r, 641 c, of which 116 are g c and 525 horse and t c, 1,300 h Pres. Chas. T. Yerkes, 1st V. Pres. W. F. Furbeck, 2d V. Pres. & Supt. J. M. Roach, Sec. & Treas. Wm. D. Meeker, Gen. Man. Fred L. Threedy, Asst. Supt. E. W. Sherman. Capital, \$5,000,000. Office, 444 N. Clark St. 11 2

South Chicago City Ry. Co. Elec. 30 m, 4-8 1/2 g 78 lb girder r, 86 c, of which 46 are m c and 40 t c Edison and Westinghouse systems. Brownell, Pullman and St. Louis cars. Alles engines. Pres. D. F. Cameron, V. Pres. D. M. Cummings, Sec. & Treas. O. S. Gaither, Supt. R. D. Rowe. Capital, \$100,000. Office, 208 1st Nat. Bank building, Chicago. 7 3

West Chicago St. R. R. Co. (includes Chicago Pass. Ry.) 185 m, of which 151 are horse and 34 cable, 4-8 1/2 g, 43-90 lb flat & girder r, 1,900 c, of which 1,475 are h c and 425 t c and g c, 4,500 h. Pres. Chas. T. Yerkes, V. Pres. & Gen. Man. John B. Parsons. Sec. & Treas. R. C. Crawford, Supt. C. P. Nagel. Capital, \$12,000,000. Office of Pres. & Supt. 89 W. Washington st. 9 3

CHILLICOTHE, ILL.—People's Street Ry. Co. 3 1/2 m, 4-8 1/2 g, 16, 20, 25 lb T r, 6 c, 12 mu. Lessees & Gen. Mans. Kinloch & Ryon. Capital, \$8,000. 8 3

CHILLICOTHE, O.—Chillicothe Electric Ry. & Lighting Co. 4 1/2 m, 4-8 1/2 g, 60 lb T r, 13 c, of which 8 are m c and 5 t c. T-H and Edison systems. Pres. M. Cahil, Treas. William Poland, Receiver & Gen. Man. A. H. Reutinger. Capital \$100,000. Bonds, \$100,000. 8 3

CINCINNATI, O.—Cincinnati Inclined Plane Ry Co. Elec. 16 m, 1920 ft. of which are cable and 16 m elec, 5-2 1/2 g, 56, 58 1/2, 63 lb. girder r, 38 c, of which 36 are m. c. and 2 incline cable, 5 h. Edison system. Pres. H. H. Littell, V. Pres. St. John Boyle, Sec. J. M. Doherty, Gen. Man. H. P. Bradford. Capital, \$725,000; authorized, \$1,000,000. Bonds, \$500,000. 9 3

Cincinnati St. Ry. Co. Elec. cable and horse. 139 1/2 m, 8 m cable, 37 electric, 5-2 g, 42-52 lb tram and Johnson r, 300 c of which 91 are m c, 36 grp, 72 trail. T-H system. 1,200 to 1,500 h. Pres. & Gen. Man. John Kilgour, Sec. & Auditor Jas. A. Collins, Treas. R. A. Dunlap, Gen. Supt. Jno. Harris, Pur. Agt. A. G. Starr, Elec. Engr. B. L. Kilgour. Office, 2d floor Apollo bldg. 5 3

Mt. Adams & Eden Park Inclined Ry. Elec. 25 m of which 8 are cable and 17 elec, 5-2 1/2 g, 52-100 lb r 160 c, of which 32 are g c, 50 m c and 78 t c. T-H system. Brill, Laclede, Pullman and Stephenson cars. Pres. John Kilgour, Sec. & Treas. James A. Collins, Pur. Agt. & Auditor, A. G. Starr, Supt. John C. Weaver. Office, 5th & Walnut, sts. 3 0

Mt. Auburn Cable Ry. Co. 8 1/2 m, cable, 5-2 g, 56 lb girder r, 42 c, of which 21 are g c. & 21 t c. Pres. Henry Martin, V. Pres. R. Wuritzer, Sec. and Treas. A. Hill Supt. G. Levins. Capital \$300,000; authorized, \$600,000. Bonds, \$370,000. Office, Highland ave. & Saunders st. 8 3

Pendleton, Mt. Lookout & E. Walnut Hill Ry. Co. Elec. and Dummy. 1 1/2 m, 5.2 g, 40 lb T r, 6 c., of which 2 are dummy, 2 m. c. and 2 t. c. Pres. C. H. Kilgour, Sec. A. H. Meier. Capital authorized \$150,000. Office Station C. 8 3

Price Hill Inclined Planes, 2 planes, each 800 ft 5-6 g, 60 & 85 lb T r, 2 c on each plane. Pres. M. W. Oliver, Gen. Man. Rees E. McDuffie, Sec. & Treas Geo. T. McDuffie. Capital, \$400,000. Office, Price Hill 5 3

So. Covington & Cincinnati. (See Covington, Ky.)

CITY ISLAND, N. Y.—Pelham Park R. R. Co. 3 1/2 m, 3-6 g, 30-57 lb Tand s b r, 8 c, of which 6 are 4-wheel box and 2 4-wheel open, 15 h. Pres. W. R. Lamberton V. Pres. H. D. Cary, Sec. & Treas. E. N. Anable, Supt. F. Underhill, Capital \$50,000. Office, City Island, N. Y. 1 3

CLARKSVILLE, TENN.—Clarksville St. Ry. Co. 4.2 m, 4-8 g, 18 lb T r, 6 c, 32 mu. Pres. W. M. Daniel, Sec., W. T. Dortch, Supt. J. Black. Capital \$16,500. Bonds, \$11,000. Office, Farmers & Merchants' Nat. Bank. 2 2

CLEVELAND, O.—Cleveland City Ry. Co. (Includes Woodland Ave. & West Side R. R., Superior St., Payne & Lexington Ave. and St. Clair st. lines.) 72 m, of which 19 are cable and 53 elec, 82-98 lb girder r, 346 c, of which 47 are g c, 140 m. c. and 159 t c. Westinghouse and Short systems. Brill and Jones cars. Globe engines. Pres. M. A. Hanna, V. Pres. F. De H. Robison, Sec. & Pur. Agt. J. B. Hanna, Gen. Supt. George G. Mulhern. Capital, \$7,000,000. Bonds \$2,000,000. Office, Western Reserve Bldg. 8 3

Cleveland Electric Ry. Co. 120 m, 4-8 1/2 g, 62-98 lb girder r, 482 c, of which 240 are m c and 242 t c. General Electric and Steel Motor systems. Brill and Jones cars. Aills engines. Pres. H. A. Everett, V. Pres. H. E. Andrews, Sec. R. A. Harman, Asst. Sec. L. E. Beilstein, Treas. J. Parmelee, Elecn. & Pur. Agt. C. W. Wason, Supt. J. J. Stanley. Capital \$12,000,000. 5 3

East Cleveland, Euclid & Wickliffe St. Ry. Co. Elec. 3 m, 4-8 1/2 g, 52 lb girder r, 4 c of which 2 are m c and 2 t c. Edison system. Pres. A. Everett, Sec. & Treas. H. A. Everett, Supt. E. Duty. Capital \$25,000. 11 2

Lake View & East Cleveland St. Ry. Co. Elec. 12.68 m, 4-8 1/2 g, 52 lb girder r, 8 c, of which 4 are m c and 4 t c. Edison system. Pres. A. Everett, Sec. & Treas H. A. Everett, Supt. E. Duty, Capital \$25,000. Office 2,500 Euclid ave. 11 2

CLEVELAND, TENN.—Cleveland St Ry. Co. 2 m, 4-9 g, 32 lb. T r, 2 4-wheel box c, 4 mu. Pres. L. D. Campbell, Sec. & Treas. L. H. Carle, Supt. J. T. Johnston. Capital \$4,000. 6 2

CLINTON, IA.—Lyons & Clinton Horse R. R. Co. (See Lyons.)

State Electric Co. 14 m, of which 2 are horse and 12 elec. 4-8 1/2 g, 45, 54 lb girder & T r, 20 c, of which 2 are h c 12 m c and 6 t c, 6 h, 4 mu. T-H and Westinghouse systems. Pullman cars. Ideal engines. Pres. E. C. Walsh, V. Pres. D. Langan, Sec. C. C. Coan, Treas. A. L. Stone, Gen. Man. J. P. Calman, Supt. W. H. Calnan. Capital, \$500,000. 9 3

CLINTON, MASS.—Clinton St. Ry. Co. Elec. 2 1/2 m, 4-8 1/2 g, 58 lb T r, 2 m c. Pres. H. Parker, V. Pres. H. A. Walls, Sec. W. R. Dane, Treas. A. J. Witherall, Auditor, B. F. Wallace. Capital \$30,000. 9 3

CLINTON, MO.—Clinton St. Ry. Co. 3 m, 4 g Z T & crescent r, 5 c, 8 mu. Pres. A. P. Frowell, V. Pres. J. T. Ruffin, Sec. & Treas. H. P. Faris, Supt. G. C. Haysler. Capital, \$12,000. 8 3

COLORADO SPRINGS, COLO.—Colorado Springs Rapid Transit Ry. Co. Elec 28 m, 4-8 1/2 g, 30 lb T r, 42 c, of which 25 are m. c. and 17 t c. Edison system. Pullman and Woebler cars. Frick-Corliss and Reynolds engines. Pres. F. L. Martin, V. Pres. E. J. Eaton, Sec. & Treas. A. L. Lawton, Gen. Man. & Auditor, A. A. McGovney, Supt. D. L. Macaffree. Capital, \$500,000. Bonds, \$350,000. 8 3

COLUMBIA, PA.—Columbia & Ironville St. Ry. Pass. Co. Elec. 5 1/2 m, 5 1/2 g, 56 lb girder r, 6 m c. Westinghouse system. Brill cars. Pres. W. B. Given, Sec & Gen. Man. F. S. Given, Treas. J. J. Janson. Capital, 100,000. 5 3

Columbia & Donegal Ry. Co. Elec. 7 m, 5-2 1/2 g, 56 lb T & girder r, 4 m c. Westinghouse system. Lamokin cars. Westinghouse engines. Pres. W. B. Given, Sec. & Gen. Man. F. S. Given, Treas. H. L. Haldeman. Capital, \$75,000. 9 3

COLUMBIA, S. C.—Columbia Electric St. Ry. Light & Power Co. Elec. 21 m, 4-8 1/2 g, 48 lb T r, 6 m c. Short system. Pres. & Gen. Man. J. Q. Marshall, V. Pres. W. A. Clark, Sec. W. G. Childs, Supt. A. Wallace. Capital, \$50,000. Office, 85 Gervais st. Changing to elec. 6 3

COLUMBUS, GA.—Columbus R. R. Co. 17 m, of which 5 are horse and 12 steam, 4-8 1/2 & 4-9 g, 25 & 40 lb T r, 27 c, of which 9 are dummy and 18 h. c, 10 h 50 mu Pres. J. F. Flournoy, Sec. & Treas. Cliff B. Grimes, Supt. J. H. Henderson. Capital, \$25,000 Bonds \$100,000. 8 8

North Highlands R. R. Co. Elec. 3½ m, 4-8½ g, 45 lb T r, 6 c, of which 3 are m c. and 3 t c. T-H system. Brill and Ellis cars. Arlington & Sims engines. Pres. & Gen. Man. S. A. Carter, V. Pres. E. J. Rankin, Sec. & Treas. R. Browne, Supt. F. E. Knapp, Capital \$31,000; authorized, \$200,000. Office, Front St. 8 3

COLUMBUS, IND.—Crump's St. Ry. 7 m, of which ½ m is horse and 6½ elec, 4-8½ g, 30 lb T r, 9 c of which 1 is h c, 4 m c and 4 t c. American Car Co. and Brownell cars. Ide engines. John S. Crump, proprietor; Man. R. F. Gottschalk, Supt. J. W. Crump, Jr. 5 3

COLUMBUS, MISS.—Columbus St. Ry. & Power Co. Dummy. 2 m, 4-½ g, 40 lb T r, 2 c. Pres. E. Cahn, Sec. & Gen. Man. C. E. Rodenburg, Treas. R. T. Williams. Capital, \$25,000. 9 2

COLUMBUS, O.—Columbus St. Ry. Co. (Operates Glenwood & Greenlawn St. Ry.) Elec. 50 m, 5-2 g, 52-95 lb T & girder r, 140 c, of which 112 are m c and 28 t c. T-H system. Brill and Brownell cars. Buckeye and McIntosh & Seymour engines. Pres. E. E. Denniston, V. Pres. & Gen. Man. E. K. Stewart, Sec. J. A. Williams, Gen. Supt. W. F. Kelly. Capital, \$3,000,000. Office 12 N. High St. 8 3

Glenwood & Greenlawn St. Ry. Co. (Operated by Columbus St. Ry. Co.) Elec. 5 m, 5-2 g, 5-2 g, 45 lb girder & T r, 14 c, of which 8 are m c, and 6 t c. Edison and Westinghouse systems. 8 3

CONCORD, N. C.—Concord Ry. Co. Steam. 2.65 m, 48½ g, 40 lb T r, 3 c. Pres. W. M. Smith, V. Pres. N. F. York, Sec. J. B. Shul, Treas. D. B. Caltrane, Capital \$15,000; authorized \$100,000. 2 3

CONCORD, N. H.—Concord St. Ry. Co. Elec. 10 m. 3 g, 35, 45 & 50 lb T r, 20 c, of which 13 are m c and 7 t c. T-H system. Pres. J. H. Albin, Sec. N. E. Martin, Treas. E. C. Hoague, Supt. H. E. Chamberlin, Elec. D. W. White. Capital, \$100,000; authorized \$150,000. Office, Main St. 6 3

CONY ISLAND, N. Y.—Sea View R. R. Co. Elevated. 2½ m, 4-8½ g, 50 lb T r, 7 c, 7 steam motors Brill and Felgel cars. Baldwin engines. Pres. F. A. Schroeder, Sec. Gen. Man. & Supt. Wm. Finley, Treas. I. M. Bon. Capital, \$191,000; authorized \$250,000. Office Flatbush, N. Y. 8 3

CONNELLSVILLE, PA.—Connellsville, New Haven & Leisnering St. Ry. Co. Elec. 4¼ m, 5 2½ g, 52 lb girder r 5 m c. Edison & Westinghouse systems. Brill cars. Taylor engines. Pres. J. D. Frisbee, Sec. J. K. Ewing, Jr., Treas. E. T. Norton, Supt. J. L. Gans. Capital, \$50,000; authorized, \$100,000. Bonds, \$30,000. 6 3

CORPUS CHRISTI, TEX.—Corpus Christi Improvement Co. Dummy. 6½ m, 4-8½ g, 30 lb T r 4 c, 2 steam motors. Pres. E. H. Ropes, V. Pres. J. M. Ropes, Sec. W. B. Newkirk, Treas. & Supt. H. Keller. Capital, \$100,000. 2 3

Gussett St. Ry. 4 m, 4-8½ g, 25-30 lb T r, 6 c, 16 mu. Proprietor, N. Gussett. Capital \$25,000. 9 1

CORSICANA, TEX.—Corsicana St. Ry. Co. 4¼ m, 4-8½ g, 16 lb T r, 6 c, 28 mu. Pres. & Gen. Man. B. G. McKie, V. Pres. J. E. Whiteside, Sec. & Treas. W. J. McKie. Capital, \$50,000. 5 3

CORTLAND, N. Y.—Cortland & Homer Horse R. R. Co. 4.1 m, 4-8½ g, 25-30 lb flat & T r, 8 c, of which 4 are box and 8 open, 25 h. Pres. C. H. Garrison, V. Pres. S. E. Welch, Sec. & Treas. Gen. Man. & Supt. L. D. Garrison. Capital, \$40,000. Office, 19 Main St. 8 3

CORVALLIS, ORE.—The Corvallis St. Ry. Co. 2 m, 3-6 g, 30 lb steel T r, 2 box c, 5 h. Pres. & Gen. Man. M. W. Wilkins, Sec. M. O. Wilkins, Treas. M. G. Wilkins. Capital, \$50,000; authorized, \$60,000. Bonds, \$10,000. 2 3

COTTAGE CITY, MASS.—Cottage City St. Ry. Co. 5 m, 4-8½ g, 40 lb T r, 10 c. Briggs and Ellis cars. Pres. W. C. Van Derlip, V. Pres. Sec. & Gen. Man. W. A. Botand, Supt. H. S. Kemp. Capital, \$15,000; authorized, \$25,000. Office of Gen. Man. 610 Exchange Bldg, Boston. 9 3

COTTONWOOD FALLS, KAN.—Consolidated St. Ry. Co. 2 m, 3-6 g, 36 T lb steel T r, 2 4-wheel box c, 5 h, 3 mu. Pres. W. Adare, Sec. E. W. Tanner, Treas. J. M. Little, Supt. W. L. Holsinger. Capital \$10,000. 2 3

COUNCIL BLUFFS, IA.—Omaha & Council Bluffs Ry. & Bridge Co. Elec. High steel bridge spans the Missouri river. 20 m, 4-8½ g, 40, 45 & 56 lb girder & T r, 56 c, of which 36 are m c & 20 t c. T-H & Edison systems. Pres. John T. Stewart, V. Pres. G. C. Barton, Sec. Geo. F. Wright, Treas. J. H. Millard, Supt. A. K. Stone. 5 3

COUNCIL GROVE, KAN.—Council Grove St. Ry. Co. 1½ m, 3-6 g, 20 lb T r, 2 c, 4 mu. Pres. W. H. White, Sec. & Treas. H. W. Gludemeister, Treas. & Gen. Man. A. J. Marks, Morris Co. Capital, \$6,000. 7 1

COVINGTON, GA.—Covington & Oxford St. R. R. Co. 6 m, 4-8½ g, 25 lb T r, 6 c, 8 mu. Pres. I. W. Brown, Sec. & Treas. J. G. Lester, Gen. Man. & Supt. R. O. Usher. Capital, \$16,000; authorized \$20,000. 5 3

COVINGTON, KY.—South Covington & Cincinnati St. Ry. Co. Elec. 35 m, of which 10 are horse and 25 elec, 5-2½ g, 65, 80 lb T & girder r, 120 c, of which 84 are h c, and 86 m c. c. 120 h, 150 m. Westinghouse, Short & T-H systems. Brownell, Jones and Stephenson cars. Cleveland Ship Bldg Co. and Lane & Bodley engines. Pres. J. J. Shipherd, V. Pres. S. Bigstaff, Sec. & Treas. G. M. Abbott, Supt. T. M. Jenkins. Capital, \$500,000; Bonds \$500,000. Office, 402 Scott st. 6 3

CUMBERLAND, MD.—Cumberland Electric Ry Co. 6 m, 4-8½ g, 54 lb girder r; 13 c, of which 8 are m c and 5 t c. Edison system. Pres. G. L. Landwehr, V. Pres. G. L. Wellington, V. Pres. L. Lowndes, Sec. & Treas. J. H. Holzshu, Supt. W. Milnor Roberts, Jr. Capital \$70,000; authorized \$100,000. Bonds \$30,000. Office North Centre St 5 3

CUYAHOGA FALLS, O.—Akron & Cuyahoga Falls Rapid Transit Co. Elec. 8 m, 4-8½ g, 52, 66 lb T r, 11 m c. Gen. Elec. system. Capital, \$300,000. Address, R. J. Randolph, Cuyahoga Falls. 6 3

D

DALLAS, TEX.—Dallas Consolidated Traction Ry. Co. Elec. 26 3-16 of which 16 1-16 are horse and 10 2-16 elec, 4-8½ g, 30-40 lb girder & T r, 82 c, of which 67 are h c, and 15 m c, 3 h, 200 mu. T-H & Edison systems. Laclede, St. Louis and Stephenson cars. Receiver, S. P. Cochran, Gen. Man. for Receiver K. Kurtz. Capital, \$1,000,000. Office, 135 Main St. 5 3

Dallas & Oak Cliff Ry. Co. Steam. 11 m, 4-8½ g, 35 & 65 lb T r, 4 m c, 15 c. Pres. & Man. T. L. Marsalis, V. Pres. J. T. Elliott, Sec. & Treas. E. L. Snodgrass. Capital \$460,000. Room 5 Knepply Bldg. 11 2

Dallas Rapid Transit Ry. Co. Elec. 13 m, 4-8½ g, 35 & 45 lb steel T r, 14 m c. Edison system. Receiver, C. F. Freeman, Supt. Geo. D. Hartson. Capital, \$200,000. Office, 303 North Texas Bank Bldg. 6 3

North Dallas Circuit Ry. Co. Elec. 4 m, 4-8½ g, 40 lb T r, 4 m c. T-H system. St. Louis cars. Pres. J. C. Schneider, V. Pres. & Gen. Man. Royal A. Ferris, Sec. E. T. Moore, Treas. N. A. McMullin. Capital, \$100,000. Bonds, \$100,000. 2 3

Queen City Ry. Co. Elec. 5.17 m, 4-8½ g, 45 lb T r, 12 m c. T-H system. American cars. Pres. & Gen. Man. A. W. Childress, V. Pres. J. S. Armstrong, Sec. & Treas. C. L. Wakefield, Asst. Supt. R. S. Wakefield. 9 3

DANBURY, CONN.—Danbury & Bethel Horse Ry. Co. 6½ m, 4-8½ g, 25 lb T, s. and c. b. r, 20 c, of which 13 are 4-wheel box and 7 4-wheel open, 130 h. Pres. S. C. Holly, V. Pres. S. H. Wagner, Sec. & Treas. J. B. McGeorge, Gen. Supt. G. H. Kitzing. Office 23 South St. Capital, \$100,000. 1 3

DANVILLE, ILL.—Danville Gas, Elec. Light & St. Ry. Co. 8 m, 4-8½ g, 50 lb T r, 21 c, of which 11 are m c. and 10 t c. T-H system. St. Louis cars. Ide engines. Pres. F. W. Penwell, V. Pres. A. C. Dantel, Sec. & Treas. W. P. Cannon, Supt. M. Connor. Capital, \$250,000. 6 3

DANVILLE, VA.—Danville St. Car Co. Elec. 2.06 m, 4-8½ g, 38 lb girder r, 5 m c. T-H system. Lamokin cars. Taylor engines. Pres. P. R. Jones, V. Pres. L. C. Berkeley Jr., Sec. & Treas. H. S. Lanier. Gen. Man. & Supt. N. W. Berkeley, Jr. Capital, \$50,000 authorized \$300,000. Office, 320 Craighead st. 1 3

DAVENPORT, IA.—Davenport & Rock Island Ry. Co. Elec. 55 m, of which 4 are horse and 51 elec, 4-8½ g, 52 lb girder r, 110 c, of which 8 are h c, 60 m c and 42 t c. T-H system. St. Louis Cars. Pres. D. H. Louderbach, V. Pres., Sec. & Treas. J. F. Lardner, Supt. H. Schnitger. Capital, \$750,000; authorized, \$1,500,000. Bonds \$600,000. Office, 2d & Rock Island sts Davenport, Ia. 8 3

DAYTON, KY.—Cincinnati, Newport & Covington St. Ry. Co., Dayton Division (See Covington, Ky.)

DAYTON, O.—Dayton St. R. R. Co. 8½ m, 4-8½ g, 44, 70 lb girder r, 28 c, 98 h, 50 mu. Pres. C. J. Ferneding, V. Pres. G. W. Rogers, Sec. Wm. H. Simms, Treas. 4th Nat. Bank, Supt. A. W. Anderson. Capital \$300,000. Office, W. 3d st. 11 2

City St. Ry. Co. (Controls all lines in city.) Pres. D. B. Coffin, V. Pres. C. B. Clegg, Sec. W. H. Sims. 6 3

Dayton & Soldiers' Home Electric R. R. Co. Extension of west end of Fifth St. R. R. 4 m, 4-8½ g, 45 lb Johnson r, 4 c, of which 2 are m c & 2 t c. Edison system. Pres. D. B. Corwin, V. Pres. A. A. Thomas Sec. & Treas. J. C. Pierce, Supt. T. E. Howell. Capital, \$100,000. 2 3

Fifth St. R. R. Co. 10 m, 4-8½ g, 48 & 52 lb tram & girder r, 30 c, 115 h. Pres. D. B. Corwin, V. Pres. Sec. & Treas. J. C. Peirce, Supt. & Pur. Agt. T. E. Howell. Capital \$400,000. Office, West End. 2 3

Home Avenue R. R. Co. Steam 3 m, 4-8½ g, 40 lb T r, 6 c, 3 motors. Barney, Smith & Co. cars. Porter engines. Pres. J. Applegate, V. Pres. W. P. Callahan, Sec. & Treas. C. W. Dustin, Gen. Man. & Supt. W. F. Stark. Capital, \$100,000. Office, N. Main St. 8 3

Oakwood St. Ry. Co. 8 m, 4-8½ g, 60, 72 lb girder r, 18 box c, 80 b. Pres. Charles B. Clegg, V. Pres. A. L. Stout, Sec. V. Winters, Treas. 4th Nat. Bank, Gen. Man. H. P. Clegg, Supt. William Jones. Capital \$300,000. Office, cor. Brown & Fairground av. 5 3

Wayne & Fifth St. R. R. Co. 6¼ m, 4-8½ g, 38, 65 70 lb Johnson r, 13 c, 75 h. Pres. Geo. W. Shaw, V. Pres. & Gen. Man. Ezra Bimh, Sec. & Treas. Eugene Wutchet, Supt. N. Routzahn. Capital \$100,000. Office 29 Wayne av. 8 3

White Line St. R. R. Co. Elec. 11½ m, 4-8½ g, 42 lb steel girder r, 34 c, of which 22 are m c and 12 t c T-H system. Pres. J. A. McMahon, V. Pres. A. G. Clark, Sec. J. E. Lowes, Treas. M. A. Nipgen, Supt. & Pur. Agt. W. Beach. Capital, \$300,000. 5 3

DEADWOOD, SO. DAK.—Deadwood St. Ry. Co. 2 m, 3 g, 30 lb flat r, 3 c, 4 h. Pres. J. Swift V. Pres. W. H. Swift, Sec. Treas. & Gen. Man. A. W. Coe. Capital authorized, \$20,000. 1 3

DECATUR, ALA.—Decatur St. Ry. Co. 4 m, 4-8½ g, 20 lb T r, 5 c, 32 mu. Pres. W. Hedges, V. Pres. A. C. Hartshorn, Sec. & Gen. Man. A. Bibb. Capital \$100,000. 11 2

DECATUR, ILL.—City Electric Ry. Co. 13 m elec., 4-8½ g, 40, 42, 48 lb T & girder r, 24 c, of which 18 are m c and 6 t c. T-H and Westinghouse systems. Pres. D. S. Shellabarger, Sec. & Treas. W. L. Shellabarger, Gen. Man. W. L. Ferguson. Capital \$300,000. Bonds \$175,000. 11 2

Decatur Electric Ry. Co. 4 m elec., 4-8½ g, 40 lb Johnson girder and T r, 9 m c, of which 4 are open and 5 box. Detroit system. Pres. J. R. Mills, Sec. W. H. Star, Gen. Man. J. W. Alexander. Capital, \$100,000. Plant purchased by City Electric Ry. Co. 12 1

DEERFIELD, N. Y.—Deerfield & Utica R. R. Co. 2 m, 4-8½ g, 42 lb s b r, 3 box c, 8 h. Pres. & Gen. Man. Frederick G. Weaver, Deerfield; Sec. & Treas. A. T. Goodwin, Utica. Capital \$12,000. 6 2

DEFIANCE, O.—The Defiance Light & Power Co. Elec. 3½ m, 60 lb T r, 6 c, of which 3 are m c and 3 t c. Westinghouse system. Brownell and Pullman cars. Russell engines. Pres. S. L. Nelson, V. Pres. W. B. McKinley, Sec. & Treas. F. E. Smith, Gen. Man. H. J. Smith. Capital stock, \$100,000. Bonds, \$100,000. 8 3

DELAWARE, O.—Delaware Electric St. Ry. Co. 5½ m, 4-8½ g, 45 lb girder r, 7 m c. Westinghouse system. Brill cars. Pres. J. K. Newcomer, V. Pres. J. D. Van Daman, Sec. L. L. Hudson, Treas. V. T. Hills, Supt. F. P. Welch. Capital, \$60,000. 5 3

DENISON, TEX.—Denison Rapid Transit Ry. Co. 6½ m, 4-8½ g, 35 lb T r, 6 c, 2 dummies. Pres. & Man. B. J. Derby, Sec. C. F. Rose, Treas. S. Star. Owned and operated by the Denison Land & Improvement Co. 4 1

Denison Street & Belt Line Ry. Co. 13 m, of which 5½ are horse and 7½ steam, 4-8½ g, 16, 35 lb. T r, 17 c of which 11 are h c. and 6 steam, 2 engines, 42 mu. Baldwin engines. Pres. F. C. Churchill, V. Pres. A. H. Coffin, Sec. A. Zintgraf, Treas. E. H. Hanna, Gen. Man. B. J. Derby. Capital, \$150,000. Bonds, \$75,600. 1 3

DENNINGTON, O.—The United Electric Co. 2 m, 4-8½ g, 45 lb girder r, 3 m c. T-H system. Lamokin cars. Russell and Westinghouse engines. Pres. T. H. Wilson, Sec. E. E. Elvin, Treas. W. H. Smith, Gen. Man. R. F. Gardner. Capital \$28,000; authorized \$100,000. Office Grant St. 8 3

DENVER, COL.—Colfax Electric Ry. Co. 10 m, 3-6 g, 30 lb T r, 32 c, of which 12 are m c. and 20 t c Edison system. Pres. D. Fletcher, V. Pres. Sec. & Gen. Man. S. M. Perry, Treas. T. S. Hayden, Supt. F. A. Perry. Capital, \$150,000. Office, 1738 Curtis st. 8 3

Denver & Westminster Ry. Co. Elec. 18 m, 4-8½ g, Pres. H. J. Mayhew, V. Pres. R. W. Woodbury, Sec. J. Downing, Engr. F. H. Whiting. Capital, \$1,000,000. Office, 1643 Curtis St. 2 3

Denver City Cable Ry. Co. 35 m, of which 5 are horse and 30 cable, 3-6 g, 60, 75 lb girder & T r, 177 c, of which 5 are h c, 62 g c, and 110 t c, 20 h. Laclede and Woebler cars. Wright engines. Pres. Geo. H. Holt, Sec. & Treas. G. D. L'Huilier, Gen. Man. G. E. Randolph, Supt. V. Spangberg. Capital, \$3,000,000. Bonds, \$3,300,000. Office, 18th & Lawrence Sts. 1 3

MICA All Sizes and Qualities for Electrical Purposes. **"MICANITE"**
Eugene Munsell & Co., 218 Water St., New York.
W. H. SILLS, 85 Lake St., Chicago, Ill. **PERFECT INSULATOR.**

Denver, Lakewood & Golden R. R. Co. Elec. and Steam, 20 m, of which 15 are steam and 5 elec, 4-8½ g, 60, 76 lb T r, 12 c, of which 4 are m. c, 4 t c and 4 steam c. T-H system. Woerber cars. Sioux City engines. Pres. C. C. Welch, V. Pres. W. F. R. Mills, Sec. J. Q. Adams, Treas. W. A. H. Loveland, Supt. T. E. Mitten. Capital, \$1,000,000. Bonds, \$250,000. Offices, 1427 Arapahoe St. 8 3

Denver Tramway Co. (Includes Denver Cable Denver & Berkeley Park, So. Denver Cable, University Park and Metropolitan.) Elec. 96.75 m, 3-6 g, 48 T r, 286 c, of which 42 are g. c. 138 m c and 86 t. c. lb T-H, Westinghouse and Edison systems. Brill, St. Louis and Woerber cars. Hamilton-Corliss and Wetherill engines. Pres. Rodney Curtis, V. Pres. Jno. J. Riethman, Sec. Wm. G. Evans, Treas. F. A. Keener, Gen. Supt. C. K. Durbin. Capital, \$4,000,000. Bonds \$3,100,000. Gen. Offices, Broadway and Colfax and Railroad Bldg. 5 3

Thirty-fourth Ave. Ry. 1½ m, 3-6 g, 25 lb T r, 1 c, 6 h. Owner, J. Cook, Jr., P. O. Box 528. 8 3

West End St. Ry. Co. Elec. 10½ m, 4-8½ g, 50 lb r, 17 m c. Edison system. Laciado and Woerber cars. Armington & Sims engines. Pres. J. Wilbour, V. Pres. & Gen. Man. D. F. Longstreet, Sec. E. M. Dexter, Supt. & Pur. Agt. S. R. Wright. Capital, \$500,000. Bonds, \$300,000. Office Prospect Ave. 8 3

DEPTFORD, TENN.—Deptford & South Pittsburg St. Ry. Co. Dummy. 2½ m, 4-8½ g, 40 lb T r 3 c, 8 mu, Pres. L. W. Barringer, V. Pres. J. G. Kelly, Sec. Treas. & Gen. Man. J. Bright. Capital, \$12,000. Office, Deptford. 8 3

DES MOINES, IA.—Des Moines City Ry. Co. Elec. 35 m, 4-8½ g, 45, 50, 62 lb girder & T r, 46 m. c. T-H system. Lane & Bodley engines. Pres. J. S. Polk, V. Pres. G. M. Hippee, Sec. G. H. Huttonlocher, Treas. E. H. Hunter, Gen. Man. Geo. B. Hippee. Capital \$1,000,000; authorized, \$3,000,000. Bonds, \$900,000. Office, 201 5th St. 5 3

DETROIT, MICH.—Fort Wayne & Belle Isle Ry Co. Elec. 23½ m, 4-8½ g, 48-90 s b girder & grooved r, 88 c, of which 29 are m. c. and 57 t. c. Gen. Elec. system, Brill cars. Allis engines. Pres. E. H. Butler, Sec. N. W. Goodwin, Treas. E. S. Heine- man, Supt. G. S. Hazard. Capital \$230,000. Bonds \$226,000. Office, Room 12 Kanten Bldg. 8 3

Detroit Citizens' St. Ry. Co. (Includes Grand River St. Ry. and Hamtramck & Grosse Pointe Ry.) Elec. 67 m, of which 37 are horse and 30 elec, 4-8½ g, 45, 66, 78 lb tram and girder r, 245 c, of which 174 are h. c, 59 m c and 12 t. c, 1,830 h. T-H, Detroit and Westinghouse systems. Brownell, Jones, Lewis & Fowler, Pullman and Stephenson cars. Westinghouse, Church, Kerr & Co. engines. Pres. D. M. Ferry, V. Pres. W. C. Colburn, Sec. J. R. Stirling, Treas. G. H. Russel, Gen. Man. J. D. Hawks, Supt. J. H. Fry. Office 12 Woodward Ave. 9 3

Detroit, Rouge River & Dearborn St. Ry. Co. Elec 1½ m, 4-8½ g, 56 lb T r, 1 m c. Edison system. Pres. E. J. Owen, V. Pres. J. R. McLoughlin, Sec. S. Hendrie, Treas. R. J. McLoughlin. Office, Moffat Building. 9 3

Highland Park Ry. Co. Elec. 4 m, 4-8½ g, 30 & 42 lb T r, 8 c, of which 4 are 4-wheel box & 4 4-wheel open, & 4 m. c. Detroit system. Pres. & Treas. Frank E. Snow, Sec. F. Woodruff, Supt. H. Lewis. Capital, \$50,000. Office, 904 Hammond Building. 1 3

DOVER, N. H.—Union St. Ry. Co. Elec. 14 m 4-8½ g, 40 lb T r, 19 c, of which 10 are m c and 9 t c T-H system. Pres. H. Haley, V. Pres. & Treas. H. W. Burgett, Sec. R. W. Burwell, Supt. J. Houston. Capital \$150,000. Leased by Consolidated Light & Power Co. 12 2

DUBLIN, TEX.—Dublin St. R. R. Co. 5 m, (1½ in operation), 4 g, 20 lb T r, 3 c, 20 mu. Pres. H. A. Smith, V. Pres. R. H. McCain, Sec. & Gen. Man. J. E. Chapman, Treas. A. A. Chapman. Capital stock \$10,000. 8 3

DU BOIS, PA.—Du Bois Traction Passenger Ry. Co. Elec. 2½ m, 4-8½ g, 50 lb girder r, 3 m. c. Wightman and Edison systems. Brill cars. McEwen engines. Pres. M. D. Wayman, V. Pres. A. C. Bailey, Sec. Gen. Man. & Supt. C. E. Bostwick, Treas. G. E. Grier. Capital, \$30,000; authorized, \$85,000. Bonds, \$30,000. 1 3

DU QUOIN, ILL.—Du Quoin St. R. R. Co. 3 m 4-8½ g, 57 lb T r, 3 c, 3 h. Pres. & Gen. Man. P. D. Miffien, V. Pres. C. Horn, Sec. D. White, Treas. P. N. Pope. Capital, \$5,375. 1 3

DUBUQUE, IA.—Dubuque St. R. R. Elec. 15 m 4-8½ g, 52 lb girder r, 25 c, of which 15 are m. c. and 10 t. c. Edison generators and Detroit motors. Brill cars. Sioux City engines. Pres. & Gen. Man. J. A. Rhomberg, Sec. C. H. Meyer, Treas. & Supt. J. H. Rhomberg. Capital \$375,000; authorized \$500,000. Bonds \$250,000. 9 3

Dubuque Electric Ry., Light & Power Co. 10 m. 4-8½ g, 50 lb Johnson girder r, 16 c, of which 12 are m. c. and 4 t. c. Edison system. Receiver, H. Poole, Pres. R. W. Stewart, V. Pres. T. O. Swiney, Sec. & Treas. A. F. Cutter, Supt. W. T. Griffith. Capital, \$500,000. 1 3

Eighth St. & West Dubuque St. Ry. Co. Elec. 2½ m, 4-8½ g, 52 lb girder r, 6 c, of which 4 are m c and 2 t. c. Edison system. Northern Car Co. cars. Fairbanks, Morse & Co. engines. Pres. L. H. Bigelow, V. Pres. E. P. Griswold, Treas. W. H. Doane, Supt. H. J. Dressel. Capital, \$100,000. Office, foot of 8th st. 5 3

DULUTH, MINN.—Duluth St. Ry. Co. Elec. 40 m, of which 113 are cable and 33.87 elec, 4-8½ g 45, 60 lb girder & T r, 51 c, of which 47 are m. c. and 4 t. c. T-H and Short systems. Pres. L. Mendenhall, V. Pres. G. G. Hartley, Sec. & Treas. T. W. Hoopes, Gen. Man. & Supt. Capital, \$300,000; authorized, \$1,500,000. Bonds, \$88,000. Office, 16 3d av, West Duluth. 11 2

Lakeside Ry. Co. Elec. 4 m, 4-8½ g, 45 lb T r, Pres. D. G. Cash, Sec., Treas. & Man. W. C. Sargent. Capital, \$100,000. Operated by Duluth St. Ry. Co. 8 2

Minnesota Joint St. Ry. 3½ m, 3-6 g, 25 lb T r, 8 c 16 h. Pres. J. J. Hibbard, V. Pres. R. P. Edson, Sec., Gen. Man. & Supt. W. Warner, Treas. B. Silberstein, Capital \$60,000; authorized \$100,000 9 3

Motor Line Improvement Co. Elec. 6 m, 4-8½ g 45 lb T r, 4 m c. T-H system. Laclede cars. Pres. G. G. Hartley, V. Pres. J. D. Stryker, Sec. T. W. Hoopes, Treas. A. R. Macfarlane, Gen. Mans. Mendenhall & Hoopes. Capital, \$150,000; authorized \$600,000. Bonds, \$200,000. Office 12 3d Ave. W. 8 3

DURANGO, COLO.—Durango Ry. & Realty Co., Elec. 2 m, 3 g, 30 lb T r, 2 c, 16 h. Westinghouse system. Woerber cars. Ide engines. Pres. C. M. Williams, V. Pres. T. C. Graden, Sec. W. S. Pickett, Treas. & Supt. H. J. Arnold. Capital, \$250,000. 9 3

DURHAM, N. C.—Durham St. Ry. Co. 2 m, 4-8½ g, 16 lb T r, 4 box c, 4 mu. Pres. J. S. Carr, V. Pres. A. B. Anderson, Sec. R. H. Wright. 8 3

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EAST LIVERPOOL, O.—East Liverpool & Wellsville R. R. Co. Elec. 8½ m, 4-8½ g, 56 lb T & 81 lb girder r, 20 m. c. Short and Westinghouse systems. Brill and Stephenson cars. Pres. & Gen. Man. A. L. Johnson, Sec. & Treas. C. H. J. Davis, Supt. R. L. Andrews. 8 3

EAST WAREHAM, MASS.—East Wareham Onset Bay & Point Independence St. Ry. Co. 2.779 m 4-8½ g, 25 & 35 lb T r, 14 c, 15 h. Pres. T. B. Griffith, Sec. B. F. Gibbs, Treas. & Supt. I. B. Eldridge. Capital, \$20,600; authorized, \$26,000. 1 3

EASTON, PA.—Easton Transit Co. Elec. 10 m, of which 3 are horse and 7 elec, 5-2½ g, 68 lb girder r, 20 c, of which 10 are h c and 10 m c, 26 h. Westinghouse system. Brill cars. Pres. W. A. Wilbur, Sec. & Treas. A. D. Chidsey, Gen. Man. & Supt. W. M. Williams. Capital, \$150,000; authorized \$500,000. Office, 60 Centre sq. 1 3

Easton & Bangor Electric Ry. Co. 16 m, 5-2½ g, 48 lb r. Pres. J. M. Young, Sec. & Treas. D. W. Nevin. Capital, \$100,000. 9 3

Pennsylvania Motor Co. 2½ m, elec. 5-2½ g, 36.56 lb flat & T r, 8 m c. Wightman system. Pres. H. E. Hand, Sec., Treas. & Gen. Man. D. W. Nevin, Supt. L. Richter. Capital, \$120,000. Bonds, \$60,000 1 3

EAU CLAIRE, WIS.—Eau Claire St. Ry. Lt. & Power Co. 8 m, elec, 4-8½ g, 35, 42 & 45 lb c & s b r 13 c, of which 8 are m c and 5 t. c. Edison and Detroit Elec. Works systems. Pres. W. Lewis, V. Pres. & Gen. Man. A. F. Gerald, Treas. W. G. Maxcy, Capital, \$100,000. 6 3

EL PASO DE ROBLES, CAL.—El Paso de Robles St. Ry. 5 m, 3 g, 16 lb T r, 2 box c, 6 h Proprietor, George R. Adams. Cost, \$10,000. Office Adams Block, cor Spring & 12th sts. 9 3

EL PASO, TEX.—El Paso & Juarez Ave. St. Ry. Co. 6½ m, 4-8½ g, 30 lb T r, 14 c, 30 mu. Pres. Z. T. White, Supt. A. Lamour. 9 3

San Antonio & Magoffin St. Ry. Co. 4 m, 4-8½ g, 30 lb T r, 6 c, 5 mu. Pres. J. Magoffin, Supt. A. Lamour. 9 3

ELGIN, ILL.—Elgin City Ry. Elec. 13 m, 4-8½ g 40 & 45 lb T & girder r, 22 c, of which 13 are m c and 9 t c. Edison system. Pres. W. Grote, V. Pres. J. B Lane, Sec. & Treas. A. B. Church, Gen. Man. C. Wuestenfeld. Capital, \$250,000. 1 3

ELIZABETH, N. J.—Elizabeth St. Ry. Co. 3½ m, 4-8½ g, 38 & 52 lb Johnson girder r, 13 box c, 45 h. Pres. F. L. Heidritter, Sec. & Treas. E. C. Woodruff, Supt. J. C. Husband. Capital \$50,000. Office, East Jersey and Front sts. 1 3

ELKHART, IND.—Elkhart Electric & Ry. Co. Elec. 7 m, 4-8½ g, 35 lb T & tram r, 11 c, of which 7 are m c & 4 t c. Detroit system. Pres. L. Warfield, V. Pres. J. McNaughton, Sec. J. W. Ellis, Treas. T. Muir, Supt. C. T. Goodrich. Capital, \$99,000; authorized, \$100,000. Bonds, \$65,000. 9 2

ELMIRA, N. Y.—Elmira & Horseheads Ry. Co. Elec. 15.7 m, of which 7 is horse and 15 elec. 4-8½ g, 45-78 lb T & girder r, 49 c, of which 18 are h. c. 17 m. c. and 14 t. c, 14 h. Edison, T-H and Westinghouse systems. Stephenson cars. McIntosh & Seymour engines. Pres. R. Leland, Sec. E. Spencer, Treas. & Gen. Man. C. H. Baldwin. Capital, \$400,000. Bonds, \$400,000. 8 3

West Side R. R. Co. Elec. 7½ m, 4-8½ g, 70 lb girder r, 22 c, of which 19 are m c and 3 t. c. T-H system. Brill and Stephenson cars. Bates-Corliss engines. Pres. C. M. Tompkins, V. Pres. A. E. Ockley, Sec. & Treas. H. H. Hallock, Gen. Man. & Supt. W. W. Cole. Capital, \$100,000. Office, 123 Baldwin st. 8 3

EMPORIA, KAN.—Emporia City Ry. Co. 3½ m, 3-6 g, 20 lb r, 8 c, 24 h. Pres. Van R. Holmes, Treas. A. F. Crowe, Sec. & Man. J. D. Holden. 11 2

ENSLEY, ALA.—Ensley Ry. Co. (Consolidated with Birmingham Ry. & Elec. Co.)

ERIE, PA.—Erie City Passenger Ry. Elec. (Operated by Erie Elec. Motor Co.)

Erie Elec. Motor Co. 25 m, 4-8½ g, 52 lb Johnson girder r, 87 c, of which 71 are m. c, 6 transfer c and 10 t. c. Edison system. Pres. J. S. Casement, V. Pres. J. C. Brady, Sec. & Treas. J. L. Sternberg, Gen. Man. H. F. Wilbur. Capital, \$700,000. Bonds, \$350,000. Office 202 State st. 5 3

ESSEX, MASS.—(See Salem, Mass.)

EUREKA, CAL.—Eureka St. R.R. Co. 4½ m, 4-8½ g, 14 & 36 lb T & flat r, 6 box c, 13 h, 7 mu. Holt and N. B. & M. Ry. cars. Pres. & Gen. Man. R. M. Fernald, Supt. J. A. Clark. Capital \$60,000. 9 3

EUREKA SPRINGS, ARK.—Eureka Springs Elec. Lt. & St. Ry. Co. 2½ m, 4-8½ g, 35 lb T r, 5 c, 17 mu. St. Louis cars. Pres., Sec. & Gen. Man. J. D. Jordan, V. Pres. C. F. Ellis, Treas. T. N. Cloffin, Supt. W. J. Wallace. Capital \$17,000; authorized, \$20,000. Bonds \$3,700. 8 3

EVANSVILLE, IND.—Evansville St. Ry. Co. Elec. 23 m, 4-8½ g, 60 lb T & girder r, 84 c, of which 28 are m c and 56 t. c. Westinghouse system. Pres. J. J. Shipperd, V. Pres. G. H. Stockwell, Sec. H. D. Moran, Treas. S. Krutz, Supt. T. J. Ghist. Capital \$200,000; authorized, \$300,000. Bonds, \$1,000,000. Office, 102 Main St. 11 2

EVERETT, WASH.—Everett Ry. & Electric Co. 7.42 m, 4-8½ g, 40 lb girder r, 5 m c. Westinghouse system. American cars. Ball engines. Pres. S. Duryee, V. Pres. G. Colby, Sec. H. A. Schenck, Treas. & Gen. Man. A. R. Whitney, Jr., Supt. H. C. Wybro. Capital, \$200,000. 9 3

F

FAIRHAVEN, WASH.—Fairhaven & New Whatcom Ry. Co. Elec. 18½ m, 4-8½ g, 40, 56 lb T r, 16 m c. T-H system. Brill cars. Ide engines. Pres. H. Eldridge, V. Pres., Gen. Man. & Supt. E. Cosgrove, Sec. J. A. Kerr, Treas. C. C. Fisher. Capital, 500,000; authorized, \$600,000. 6 3

FALL RIVER, MASS.—Globe St. Ry. Co. Elec. 24 m, 4-8½ g, 45, 48½, 75 lb girder & s b r, 88 c, of which 72 are m c and 16 t. c. T-H system. Felgel, Jones, Newburyport and Stephenson cars. McIntosh & Seymour engines. Pres. Frank S. Stevens, Sec. M. G. B. Swift, Treas. R. S. Goff, Supt. John H. Bowker. Capital, 650,000. Office, 182 N. Main st. 8 3

FINDLAY, O.—Findlay St. Ry. Co. (Operated by Northern Ohio & Lake Erie Ry., Lt. & Power Co.) Elec. 12½ m, of which 4 are horse and 8½ elec., 4-8½ g, 35 & 60 lb T r, 22 c, of which 7 are h c, 10 m c, and 5 t. c, 4 h, 32 mu. Westinghouse system. Laclede cars. Buckeye engines. Pres. G. B. Kerper, V. Pres. J. N. Kinney, Sec. J. Strader, Treas. C. D. Kinney, Supt. Chas. Smith. Capital \$100,000; authorized \$200,000. Bonds \$100,000. Office N. Main St. 5 3

Northern Ohio & Lake Erie Ry., Lt. & Pow. Co. (Operates Findlay St. Ry. and Tiffin Elec. Ry.)

FISHKILL-ON-HUDSON, N. Y.—Citizens' St R. R. Co. Elec. 3½ m, 4-8½ g, 45, 54 lb T & girder r, 12 c. T-H system. Pres. J. T. Smith, V. Pres. H. G. Wolcott, Sec. S. K. Phillips, Treas. W. H. Southard, Supt. W. E. Havens. Capital \$75,000. 8 3

FITCHBURG, MASS.—Fitchburg & Leominster St. Ry. Co. Elec. 11.129 m, of which 4.44 are horse and 6.689 elec., 4-8½ g, 56 lb T r, 28 c, of which 17 are h c and 11 m c, 60 h. Westinghouse system. Brill, Jones & Newburyport cars. Pres. H. A. Willis, V. Pres. H. I. Wallace, Sec. C. F. Baker, Treas. B. F. Walls, Gen. Man. & Pur. Agt. W. W. Sargent. Capital \$135,000; authorized \$250,000. Bonds \$30,000. 5 3

FLUSHING, N. Y.—Flushing & College Point St. Ry. Co. Elec. 4 m, 4-8 1/2 g, 47 lb s. b. r, 9 c, of which 5 are m c and 4 t c. Westinghouse system. Jones and Stephenson cars. N. Y. Safety Power engines. Pres. Joseph Dykes, V. Pres. E. F. Stratton, Sec. D. Master, Treas. J. Hepburn, Supt. W. G. Rock. Capital \$60,000. 6 3

FOND DU LAC, WIS.—Fond du Lac St. Ry. Co. Elec. 5 m, 4-8 1/2 g, 35 lb T & tram r, 8 c, of which 6 are m c and 2 t c. Westinghouse system. Pullman cars. Ball engines. Pres. & Gen. Man. W. G. De Celle, Treas. W. H. Cole, Asst. Gen. Man. G. A. Voorhees, Supt. L. Marlon. Capital, \$125,000. 8 3

FORT MADISON, IA.—Fort Madison St. Ry. Co. 4 m, 4-8 1/2 g, 20 & 40 lb T & tram r, 8 c, 5 h 28 mu. Pres. & Gen. Man. D. A. Morrison, V. Pres. R. S. Johnson, Sec. H. Jones, Treas. J. C. Brewster, Supt. F. H. Weber. Capital, \$100,000. Office, Santa Fe Ave. 8 3

FORT MEADE, FLA.—Fort Meade St. Ry. Co. 2 1/2 m, 3 g, 25 lb T r, 3 c, 2 mu. Pres. F. N. Varn, V. Pres. A. H. Adams, Sec. F. B. Hadless, Treas. J. G. Carter, Gen. Man. Max Relf. Capital \$6,000. 6 2

FORT SCOTT, KAN.—Fort Scott Rapid Transit Co. Elec. 8 1/2 m, of which 1 1/2 are horse & 7 elec. 4 g, 35 lb T r, 16 c, of which 8 are h c and 8 m c. Edison system. Operated by Davenport & Fort Scott Investment Co. Pres. H. H. Anderson, Sec. F. H. Griggs, Supt. W. D. Mitchell. Capital, \$250,000; authorized \$500,000. Bonds \$100,000. Office Katzung & Main Block. 5 3

FORT SMITH, ARK.—Fort Smith St. Ry. Co. 8 1/2 m, 3-6 g, 38 & 45 lb girder r, 22 c, 2 h, 60 mu. Pres. Gen. Man. & Supt. Sam'l McLeod, V. Pres. Benj. T. Duval, Sec. & Treas. Geo. T. Sparks. Capital, \$150,000. Bonds, \$35,000. Office, Cor. Third & A sts. 9 3

FORT WAYNE, IND.—C. L. Centlivre St. Ry. Co. 2 m, 4-8 1/2 g, 18 lb. T r, 6 c, of which 2 are 4 wheel box and 4 4-wheel open, 24 h. Pres. L. A. Centlivre, V. Pres. & Sec. C. F. Centlivre. Treas. J. B. Reuss, Gen. Man. Le Meyers. Capital, \$30,000. d 3 2

Fort Wayne Electric Ry. 18 1/2 m, 4-8 1/2 g, 40, 60 lb T & tram r, 67 c, of which 57 are m c and 10 t c, 5 h. Own system. Jones cars. Pres. J. H. Bass, V. Pres. & Treas. M. S. Robison, Jr., Sec. J. M. Barrett, Supt. L. D. McNutt. 8 3

Lakeside electric Ry. 1 m, 52 lb s b Duplex & T r. Gen. Elec. system. Gen. Man. J. D. McDonald. 8 3

FORT WORTH, TEX.—North Side St. R. R. Co. Elec. 14 m, of which 1 1/2 are horse and 12 1/2 elec. 4 g, 30 lb T & girder r, 19 c, of which 15 are m c and 4 t c. T-H system. Brownell cars. Hamilton engines. Receiver. Harding. Gen. Man. G. B. Hendricks, Supt. T. H. Wilson. Capital, \$200,000. Bonds, 150,000. Office, 409 1/2 Main St. 8 3

Fort Worth & Arlington Heights St. Ry. Co. Elec. 6 1/2 m, 4 g, 35 lb T r, 5 m. c. Edison system Pres. H. W. Tallant, V. Pres. A. W. Chamberlin Sec. & Treas. W. C. Wintthrop, Supt. S. Horn. Capital, \$300,000. 9 3

City Ry. Co. Elec. 16 m, 4 g, 30, 35 lb T r, 16 c, of which 14 are m c and 2 t c. Detroit system. Pullman cars. Ide engines. Pres. L. Worfield, V. Pres. & Sec. J. C. Terrall, Jr., Treas. J. C. Harrison, Supt. W. P. Quigg. Capital stock, \$400,000. 8 3

Lampasas St. Ry. Co. 3 m, 4-8 1/2 g, 35 lb. T r, 4 c, 16 h. Pres. R. E. Maddox, Sec. & Treas. W. H. Little Gen. Man. E. P. Maddox. Office, Lampasas. d 7 1

Polytechnic St. Ry. Co. 2 1/2 m, 4 g, 20 lb T r, 2 c, 10 mu. Pres. W. D. Hall, V. Pres. R. Vickers, Sec. M. F. Lomer, Treas. G. E. Tandy. 4 2

FRAMINGHAM, MASS.—Framingham Union St. Ry. Co. 7 3/5 m, 4-8 1/2 g, 30 & 35 lb T & s. b. r, 17 c 40 h. Pres. Jas. R. Entwistle, Sec. I. B. Forbes, Treas. F. E. Gregory, Supt. J. J. Hennessy. Capital \$60,000 & \$50,000 bonds. Office, S. Framingham. 5 3

FRANKFORT, N. Y.—Frankfort & Iilon St. Ry. Co. 2 1/2 m, 5 g, 25 lb T r, 5 c, of which 4 are box and 1 open. 6 h. Pres. J. H. Hoard, V. Pres. P. A. Skiff, Sec. W. I. Piper, Treas. W. W. Crosby, Supt J. Myers. Capital, \$20,000. Office, Frankfort. 6 3

FREDONIA, N. Y.—Dunkirk & Fredonia R. R. Co. Elec. 3 1/2 m, 4-8 1/2 g, 42-48 lb c. b. and girder r, 9 c, of which 3 are m c and 6 t c. Edison and Westinghouse systems. Pres. W. McKinstry, Sec. & Treas & Man. M. M. Fenner. Capital, \$73,450; authorized, \$75,000. Bonds, \$30,000; authorized, \$40,000. 8 3

FREERPT, ILL.—Freeport St. Ry. Co. 4 m, 4-8 1/2 g, 30 lb. s. b. r, 6 4-wheel box c, 24 h. Pres. Jacob Krohn, V. Pres. F. C. Platt, Sec. W. G. Barnes, Treas & Gen. Man. John B. Taylor. Capital, \$45,000. 1 2

FREMONT, NEB.—City St. Ry. Co. 6 1/2 m, 4-8 1/2 g, 16-40 lb T r, 7 c, 24 h. Pres. F. Fowler, V. Pres. F. Meyer, Sec. & Gen. Man. E. N. Morse. Capital \$45,000. 8 3

FREMONT, O.—Fremont St. Ry. Co. 1 1/2 m 4-8 1/2 g, 40 lb flat r, 2 4-wheel box c, 8 h. Pres. F. N. Carter, 29 Euclid ave., Cleveland, O., Treas. T. M. Irvine, Cleveland, O., Supt. E. J. Carter. Capital \$125,000. Office, 307 Croghan st. 8 3

FRESNO, CAL.—Fresno R. R. Co. 4 1/2 m, 4-8 1/2 g, 20 lb r. 7 c, 7 h. Pres. Dr. L. Leach, V. Pres. R. E. Hughes, Sec. N. I. Baldwin, Treas. L. Einstein. Capital, \$200,000. 11 0

Fresno, Belmont & Yosemite R. R. Co. 4 m. 4-8 1/2 g, 20 lb steel T r, 6 c, 12 h, 6 mu. Stockton cars. Pres. T. C. White, V. Pres. H. P. Hedges, Sec. J. P. Vincent, Gen. Man. C. L. Walter. Capital, \$500,000. Leased to C. L. Walter. 9 3

FRYEBURG, ME.—Fryeburg Horse R. R. Co. 3 m, 4 8 1/2 g, 16 lb steel T r, 5 c, 1 h. Pres. Freeman Hatch, Clerk, Gen. Man. & Supt. Seth W. Fife, Treas. John Locke. Capital \$5,075, authorized \$10,000. 8 3

FULTON, N. Y.—Fulton & Oswego Falls St. Ry. Co. 6,000 ft, 4-8 1/2 g, Gibbon's metallic stringer and r, 4 c, of which 3 are box and 1 open, 9 h. Pres Joseph Walker, Jr., V. Pres. N. N. Stranahan, Sec. & Treas. Charles Lyman, Supt. H. Hulett. Capital, \$15,000. Office, 15 Broad st., New York. 1 3 1

C

GADSDEN, ALA.—Gadsden & Attalla Union Ry. Co. Dummy. 13 1/2 m, of which 2 are horse and 11 1/2 steam, 4-8 1/2 g, 40 lb T r, 16 c, of which 2 are h c and 14 steam c, 6 motors, 2 h, 10 mu. Pres. J. M. Elliott, Jr., V. Pres. C. A. Lyerly, Sec. & Treas. Gen. Man. & Supt. M. L. Foster. Capital, \$200,000. Office 123 N. 4th st. 5 3

GAINESVILLE, GA.—Gainesville & Hall Co. St. R. R. Co. 5 m, 4-8 1/2 g, 20 lb crescent r, 3 c, 3 h, 4 mu. Pres. Sec. & Treas. H. H. Dean, V. Pres. A. D. Candler. Capital, \$15,000. Leased to G. P. Boone for three years from Oct. 1, 1891. Office, 10 Spring st. 2 3

GAINESVILLE, TEX.—Gainesville St. Ry. Co. 3 1/2 m, 4-8 1/2 g, 36 lb T r, 8 c, 16 mu. Pres. J. M. Lindsay Gen. Man. & Supt. G. W. Lindsay. Capital \$40,000. Office, Fort Worth. 2 3

GALESBURG, ILL.—Galesburg Electric Motor & Power Co. 5 m, 4-8 1/2 g, 50 lb T r, 22 c, of which 6 are h c, 8 m c and 8 t c. Westinghouse system. Pullman cars. Westinghouse engines. Pres. W. Seacord, V. Pres. & Treas. R. Chappell, Sec. H. F. Arnold, Supt. H. F. Hawley. Capital \$210,000. Bonds \$111,000. Office 540 Main st. 8 3

GALLIPOLIS, O.—Gallipolis St. Ry. Co. Elec 3 m c, T-H system. 10 2

GALVESTON, TEX.—Galveston City R. R. Co. Elec. 33 m, 4-8 1/2 g, 40, 52 lb T r, 84 c, of which 26 are h c, 47 m c and 11 t c, 5 h, 54 mu. T-H and Westinghouse systems. Laclede and St. Louis cars. Buckeye and Cooper engines. Pres. & Gen. Man. Wm. H. Sinclair, Sec. & Treas. H. Keltner, Supt. W. H. Griffen. Capital, \$318,673.50; authorized, \$1,000,000. Bonds, \$750,000. Office, I and Center Sts. 8 3

Gulf City St. Ry. & Real Estate Co. Elec. 11 m, of which 8 are horse & 3 elec. 4-8 1/2 g, 25-40 lb T r, 22 c, 32 mu. Pres. J. H. Burnett, Sec. P. S. Wren. Capital \$100,000. Office, Ave. 1 & 21st St. 8 3

South Galveston & Gulf Shore R. R. Co. Elec. 21 m, 4-8 1/2 g, 45 lb T r. Pres. G. J. Gray, V. Pres. H. C. Brown, Sec. H. E. Barden, Treas. L. Minor, Supt N. Dahl. Capital, \$300,000. 10 2

GEORGETOWN, KY.—Georgetown St. Ry. Co. 1 1/2 m, 4-8 1/2 g, 20 lb T r, 2 c, 6 mu. Pres. S. M. Davis Sec. W. Z. Thomson, Treas. A. H. Sinclair. Capital \$6,000. Leased to John Cole. 6 3

GETTYSBURG, PA.—Gettysburg Electric Ry. Co. 8 m, 4-8 1/2 g, 56 lb T r, 6 c, of which 3 are m c and 3 t c. Brill cars. Pres. Gen. Man. & Supt. E. M. Hofer, Sec. & Treas. G. P. Hofer. 9 3

GIRARDVILLE, PA.—Mahanoy, Shenandoah Girardville & Ashland St. Ry. Co. (Leased to Schuykill Traction Co.) Elec. 24 m, 20 m c, T-H and Westinghouse systems. Pres. W. F. Harriy, V. Pres. & Gen. Man. H. Wickham, Sec. & Treas. J. A. Graham. 9 3

GLENS FALLS, N. Y.—Glens Falls, Sandy Hill & Fort Edward St. R. R. Co. Elec. 8 m, 4-8 1/2 g, 40 lb T r, 12 c, of which 8 are m c and 4 t c. Westinghouse system. Pres. J. M. Coolidge, V. Pres. L. Allen, Sec. & Treas. B. B. Fowler, Supt. H. Crabbe. Capital authorized \$120,000. Bonds \$100,000. 8 3

GLOUCESTER, MASS.—Gloucester St. Ry. Co. Elec. 8 1/2 m, 4-8 1/2 g, 40-60 lb T & Johnson r, 13 m c, T-H and Detroit systems. Pres. W. B. Ferguson, V. Pres. J. H. Cunningham, Sec. D. S. Presson, Treas. A. D. Bosson, Supt. A. R. Hallowell. Capital, \$180,000. Bonds, \$60,000. Office, Gloucester st. 1 3

GLOVERSVILLE, N. Y.—Cayadutta Electric R. R. Co. 17 m, 4-8 1/2 g, 40, 80 lb girder & T r, 16 c of which 12 are m c and 4 t c. T-H, Westinghouse and Short systems. Brill and Gilbert cars. Russell & Co. Engines. Pres. J. Shanahan, V. Pres. A. J. Zimmer, Sec. H. Dudley, Treas. J. L. Hees, Gen. Man. T. C. Freneyar. Capital, \$280,000; authorized, \$350,000. Bonds, \$212,000. Office 1 S. Main St. 1 3

Jonstown, Gloversville & Kingsboro Horse R. R. Co. Elec. 4 1/2 m, 4-8 1/2 g, 45 lb T & girder r, 12 c, of which 8 are m c and 4 t c, 22 h. Gilbert cars. Gloversville Fdy. & Mach. Co. engines. Pres. W. S. Northrop, V. Pres. H. W. Potter, Sec. F. Burton, Treas. W. D. West, Gen. Man. F. A. Caten. Capital \$50,000. Bonds \$50,000. 2 3

GRAND ISLAND, NEB.—Grand Island St. Ry. Co. 7 m, 4-6 g, 16 & 20 lb T r, 11 c, 52 h & mu. St. Louis cars. Pres. A. H. Baker, V. Pres. H. A. Koenig, Sec. O. B. Thomson, Treas. W. A. Hagge, Gen. Man. & Supt. W. C. Lamson. Capital, \$50,000. 2 3

GRAND JUNCTION, COL.—Grand Junction St. Car Co. 2 m, 3 g, 22 lb T r, 2 4-wheel box c, 4 h. Pres. G. Wheeler, V. Pres. B. Cannon, Sec. & Treas. T. B. Crawford, Gen. Man. & Supt. B. K. Kennedy. Capital \$25,000. h 3 1

GRAND RAPIDS, MICH.—Consolidated St. Ry. Co. Elec. 44 m, 4-8 1/2 g, 45, 66 & 78 lb girder r; 183 c, of which 138 are m c and 45 t c. Edison and Detroit systems. Hamilton and Wheelock engines. Pres. A. J. Bowne, V. Pres. & Gen. Man. J. R. Chapman, Sec. J. M. Hagar, Treas. J. Bialr, Asst. Sec. & Asst. Treas. B. S. Hanchett, Jr., Supt. D. Campbell, Gen. Elec'n. S. Barnes. Capital \$1,500,000; authorized \$2,000,000. Bonds, \$2,900,000. 8 3

GREAT FALLS, MONT.—Great Falls St. Ry. Co. Elec. 10.8 m, 4-8 1/2 g, 45 lb T & girder r, 11 c, of which 7 are m. c. and 4 t. c. T-H system. Water power. Pres. A. S. Bigelow, V. Pres. L. Lewesohn, Sec. & Treas. T. Nelson, Supt. W. D. Dickinson. Capital, \$200,000. Bonds \$120,000. 8 3

GREENBUSH, N. Y.—North & East Greenbush St. Ry. Co. 1.7 m, 4-8 1/2 g, 6 c, 22 h. Pres. & Treas. A. Bleecker Banks. Capital \$50,000. Office, 473 Broadway, Albany. 3 2

GREEN CASTLE, IND.—Green Castle City St. Ry. Co. 2.60 m, 4-8 1/2 g, 30 lb T r, 3 4-wheel open c, 10 mu. Pres. J. W. Welk, V. Pres. J. S. Dowling, Sec. & Supt. F. G. Gilmore, Treas. H. Melzter, Gen. Man. E. McClean. Capital \$32,000; authorized \$50,000. Office Crystal Palace cor. Vine and Walnut sts. 10 2

GREENSBURG, PA.—Greensburg & Hempfield Electric St. Ry. 2.4 m elec., 4 8 1/2 g, 35 & 45 lb Johnson & T r, 3 m c. Westinghouse system. Pres. R. S. Jamison Sec. J. E. Keenan, Treas. W. A. Huff, Gen. Man. F. Y. Clopper, Supt. R. C. Reamer. Capital \$60,000, bonds \$59,200. Office, Huff Building. 11 2

GREENVILLE, S. C.—St. Ry. Co. of the City of Greenville. 2 1/2 m, 5 g, 16 lb crescent r, 6 c, 3 mu T. C. Gower & Son, proprs. Pres. T. C. Gower, Sec G. G. Wells, Supt. A. G. Gower. Capital \$10,000. Office, 104 Washington st. 8 3

GREENVILLE, MISS.—Greenville St. Ry. Co. 6 m, 4-8 1/2 g, 25-30 lb T r, 9 c, 15 mu. Pres. J. M. Joyne, Sec. & Treas. J. H. E. Neggus, Gen. Man. J. Gunn, Supt. J. H. Gonterman. Capital, \$35,000 authorized, \$100,000. 3 2

Suburban St. Ry. of Greenville. 2 m, 4-8 1/2 g, T r 2 c, 4 mu. Pres. & Man. H. Wilczinski, V. Pres. N. Wilczinski, Sec. & Treas. L. Wilczinski. Capital \$25,000. 3 2

GRIFFIN, GA.—Griffin St. Ry. Co. 3 m, 4-8 1/2 g, 35 lb steel r, 5 c, 13 mu. Brill and Laclede cars. Pres. & Gen. Man. J. G. Rhea, V. Pres. D. Glessner, Sec. & Treas. R. H. Drake, Supt. A. Gray. Capital, \$20,000, authorized \$50,000. 9 3

H

HALIFAX, N. S.—Nova Scotia Power Co. (Lim.) 7 m, 4-8 1/2 g, 45-60 lb T r, 25 c, 100 h. Pres. John White, Sec. & Treas. H. Freeman, Supt. J. Adams. Office, 138 Hollis st. Halifax, N. S. Office of Supt. Richmond. 11 0

HAMILTON, O.—Hamilton & Lindenwald Electric Transit Co. 9 m, 4-8 1/2 g, 40, 45 lb T and girder r, 23 c, of which 15 are m. c. and 8 t. c. Edison system. Stephenson cars. Hamilton engines. Pres. Thos. Millikin, V. Pres. C. Benninghofen, Sec. & Gen. Man. Ira S. Millikin, Treas. P. Benninghofen. Capital, \$100,000. Bonds 100,000 5 3

HAMILTON, ONT.—Hamilton St. Ry. Co. Elec 15 m, 4-8 1/2 g, 62, 69 lb girder r, 75 c. Westinghouse system. Pres. B. E. Charlton, V. Pres. E. Martin, Gen. Man. J. B. Griffith. Capital \$205,000. Office 6 James St., South. 5 3

HAMPTON, VA.—Hampton & Old Point Ry. Co. Elec. 14 m, 4-8 1/2 g, 50-69 lb T & girder r, 20 c, of which 12 are m c, 1 freight and 2 flat c. Edison system. Pres. F. W. Darling, V. Pres. J. McMenamin Sec. & Treas. H. L. Schmelz, Elec'n J. B. Crankshaw. Capital, \$150,000. 8 2

HANNIBAL, MO.—Hannibal Ry. Co. Elec 2 1/2 m 4-8 1/2 g, 36, 40 lb T & c. b. r, 5 c, of which 3 are m. c. and 2 t. c. T-H system. Pres. & Supt. M. Doyle Sec. & Treas. James O'Hern. Capital \$25,000. Office 300 Market st. 1 3

HARRISBURG, PA.—Harrisburg City Passenger Ry. Co. (Leased to East Harrisburg Pass. Ry. Co.) Elec. 5 1/2 m, 5-2 1/2 g, 70 lb girder r. T-H system. Pres. H. A. Kelker, V. Pres. G. R. Fleming, Sec. A. Roberts, Treas. W. L. Gorgas. Capital \$125,000. Office, 27 South 2d st. 9 3

Citizens' Passenger Ry. Co. Elec. 9 m, 5-2 1/2 g, 75 lb girder r, 16 m c. Baxter, Curtis and Westinghouse systems. Ide engines. Pres. B. F. Meyers, V. Pres. J. A. Dunkle, Sec. & Treas. A. W. Dunkle, Supt. F. H. Alleman. Capital, \$200,000. 6 3

East Harrisburg Pass. Ry. Co. Elec. 15 m, 5-2 1/2 g 52, 78, 92 lb girder and T r, 62 c, of which 47 are m c and 15 t c. T-H system. Brill and Lamokin cars. Wetherill engines. Pres. John Q. Denney, V. Pres. T. G. Greenawalt, Sec. & Treas. W. J. Calder, Supt. F. B. Musser. Capital, \$500,000. Office, S. Cameron st. 5 3

HARTFORD, CONN.—Hartford St. Ry. Co. Elec. 30 m, of which 20 are horse and 10 elec, 4-8 1/2 g, 35-60 lb T, & girder r, 118 c, of which 108 are m c and 10 t c, 460 h. Westinghouse, Short and T-H systems. Pres. E. S. Goodrich, Sec. & Treas. Dan'l R. Howe. Capital, \$200,000 Bonds, \$400,000. Office, 346 Main st. 5 3

East Hartford & Glastonbury Horse R. R. Co. Elec 5 m, 4-8 1/2 g, 50 lb T r, 4 m c. Short system. Pres D. R. Howe, V. Pres. I. Broadhead, Sec. G. D. Curtis Treas. E. M. White, Gen. Man. E. S. Goodrich. 11 2

HARVEY, ILL.—Harvey Transit Co. Elec. 3 m c, 4-8 1/2 g, T r, 3 m c. Short system. Laclede cars. Ide engines. Pres. A. G. Spalding, V. Pres. A. C. Badger, Gen. Man. W. J. McCorkinole, Supt. H. E. Geyer. Capital \$150,000. Bonds \$150,000 9 3

HASTINGS, NEB.—Citizens' St. Ry. Co. 5 1/2 m, 4-8 1/2 g, 16 & 32 lb T r, 6 box c, 8 h. Pres. Gen. Man. & Supt. R. A. Batty, Sec. Rose E. Shedd, Treas. J. Hornshaw. Capital \$65,000; authorized, \$100,000. 9 3

HAVERHILL, MASS.—(Haverhill & Groveland St. Ry. Owned by Lowell, Lawrence & Haverhill St. Ry. Co. See Lowell, Mass.)

Haverhill & Amesbury St. Ry. Co. Elec. 32 m, of which 8 1/2 are horse, 5 1/2 steam & 18 elec, 4-8 1/2 g, 35 50, 70 lb T & girder r, 65 c, of which 30 are h c, 32 m c and 13 t c. T-H and Westinghouse systems. Briggs, Ellis and Newburyport cars. Pres. & Gen. Man. E. P. Shaw, Treas. A. C. Pond, Supt. W. Wentworth. Capital, \$150,000; authorized, \$250,000. Bonds, \$300,000. 1 3

HAZLETON, PA.—Lehigh Traction Co. 10 m, 4-8 1/2 g, 60 lb T r, 10 c, of which 6 are m c and 4 t c. Westinghouse system. Brill and Lamokin cars. Westinghouse engines. Pres. C. W. Kline, V. Pres. H. Dryfoos, Sec. E. S. Doud, Treas. N. C. Yost, Gen. Man. J. E. Giles. Capital, \$1,000,000. Bonds, \$250,000. 9 3

HELENA, ARK.—Citizens' St. Ry. Co. 2 1/2 m, 4-8 1/2 g, 20 & 40 lb T & Johnson r, 7 c, of which 4 are 4-wheel box & 3 truck c, 12 mu. St. Louis cars. Pres. H. S. Hornor, V. Pres. D. T. Hargraves, Sec. & Gen. Man. J. H. Thompson, Treas. S. H. Hornor. Capital \$30,000. 5 3

HELENA, MONT.—Helena Electric Ry. Co. 9 m, 4-8 1/2 g, 38-48 lb girder & T r, 16 c, of which 8 are m c and 8 t c. T-H & Westinghouse systems. Pullman and Stephenson cars. Corliss engines. Pres. C. K. Wells, V. Pres. H. M. Farchen, Sec. & Treas. H. L. Walker. Capital, 250,000. Office, Main St. & 6th Ave. 9 3

Helena Rapid Transit Co. Elec. 15 m, 4-8 1/2 g, 35 45, 50 lb T & girder r 9 m c T-H system. Northern cars. Russell engines. Gen. Mans. W. H. Clark & Son, Supt. C. A. Cahill. Capital \$500,000. Office 7 N. Jackson St. 8 3

Helena Rapid Transit R.R. Elec. 15 m, 4-8 1/2 g, 35 45, 50 lb T & girder r, 9 m c. T-H system. Russell engines. Pres. & Man. R. Loekey, V. Pres. F. Winne, Sec. J. T. Hoag. Capital, \$500,000. Office, Loekey Bldg, 6th ave. 12 3

HENDERSON, KY.—Henderson St. Ry. Co. 6 1/2 m, 4-8 1/2 g, 20 lb steel T r, 12 c, 2 h, 44 mu. St. Louis cars. Pres. E. G. Sebree, Jr., Sec. & Treas. D. Bank, Jr., Gen. Man. & Supt. J. W. O'Brien. Authorized capital, \$100,000. 9 3

HENDERSONVILLE, N. C.—Hendersonville St. Ry. Co. 3 m, 4-8 1/2 g, 30 lb T r, 3 c, of which 1 is 4-wheel box and 2 4-wheel open, 1 h, 2 mu. Stephenson cars. Owner & Gen. Man. S. V. Pickens. Capital, \$6,000. Office, 1 S. End Main st. 9 3

HOBOKEN, N. J.—North Hudson County Ry Co. (Includes Pavonia Horse R. R.) Elec. 44 m, of which 23 are horse, 2 1/2 cable, 7 1/2 steam and 6 elec, 4-6 1/2, 4-8 1/2 g, 56, 67, 78 lb c. b. girder and T r, 209 c, of which 171 are h c, 17 g c and 21 m c, 930 h. T-H system. Brill, Gilbert and Stephenson cars. Ball, Baldwin, Campbell, Porter and Wats engines. Pres. S. B. Dod, V. Pres. H. J. Bonn, Sec. T. J. Mallory, Treas. J. F. W. Mangels, Gen. Man. E. W. Starr, Supt. Nicholas Goelz. Capital \$1,000,000. Bonds, \$3,000,000. Office, 21 Hudson Place. 2 3

HOLYOKE, MASS.—Holyoke St. Ry. Co. Elec 8 m, 4-8 1/2 g, 56 lb. T r, 32 c, of which 30 are m c and 12 t c. T-H and Westinghouse systems. Pres. Levi Perkins, Treas. & Gen. Man. Wm. S. Loomis, Supt. G. Hunter. Capital \$250,000. Office 23 Canal St. 8 3

HORNELLVILLE, N. Y.—Hornellville Electric Ry. Co. 4 m, 4-8 1/2 g, 56 lb girder r, 10 c of which 5 are m c and 5 t c. Edison system. Pres. C. Adsit, V. Pres. F. D. Sherwood, Sec. D. M. Page, Treas. G. T. Rehn, Supt. G. K. Ridgway. Capital, \$50,000; Bonds, \$50,000. Office, 119 Main St. 9 3

Hornellville & Canisteo Ry. Co. Elec. 5 m, 4-8 1/2 g, 40 lb T r, 4 c, of which 3 are m c and 1 t c. Edison system. Brill cars. Pres. D. M. Page, V. Pres. F. D. Sherwood, Sec. C. Adsit, Treas. G. T. Rehn, Supt. G. K. Ridgway. Capital, \$50,000. Bonds, \$50,000. Office, 119 Main St. 9 3

HOT SPRINGS, ARK.—Hot Springs Electric St. Ry. Co. 15.4 m, of which 2 are horse and 13.4 elec, 4-8 1/2 g, 48 lb T r, 35 c, of which 10 are h c 10 m c and 15 t c. T-H system. American cars. Pres. S. W. Fordyce, Sec. C. E. Maurice, Treas. Man. & Pur. Agent C. G. Convers. Capital, \$500,000. Office, 615 Park Ave. 9 3

Fountain & Suburban R. R. Co. Elec. 4 1/2 m, 4 g 35 lb T r R. Murray, owner & manager, Williamson Block, Valley st., at Malvern Crossing. Capital \$20,000. 8 2

HOT SPRINGS, S. DAK.—Hot Springs & Chautauque R. R. Co. Elec. 1 1/2 m, 2 m c. Short system 10 1

HOUSTON, TEX.—Houston City St. Ry. Co. (Operates Bayou City and Houston Heights Rys.) Elec. 35 m, 4-8 1/2 g, 40, 45 lb T & flat r, 55 c, of which 45 are m c and 10 t c. Edison and T-H systems. Brill, Brownell, St. Louis and Stephenson cars. Allis engines. Pres. C. S. Montgomery, V. Pres. & Gen. Man. H. F. MacGregor, Sec. & Tres. C. A. McKinney, Supt. F. Mundes. Capital, \$1,000,000. Office, 502-4 Travis st. 9 3

HUDSON, N. Y.—Hudson Elec. Ry. Co. 1 1/2 m elec, 4-8 1/2 g, 35 lb T r, 5 m c. T-H system. Pres. H. Mc Gonalag, Vice-Pres. A. J. Rowles, Sec. E. J. Hodge, Treas. S. D. Lake. Capital stock \$50,000. 5 3

HUNTINGTON, L. I., N. Y.—Huntington R. R. Co. 3 m, 4-8 1/2 g, 30 lb T r, 3 c, 10 h. Pres. E. D. Davidson, V. Pres. Temple Prime, Sec. Geo. M. Tlleston Treas. D. Conklin, Gen. Man. I. Rogers. Capital \$30,000. Bonds, \$26,000. 9 3

HUNTINGTON, W. VA.—Consolidated Light & Ry. Co. Elec. 11 m, of which 4 are horse and 7 elec, 4-8 1/2 g, 42, 52 lb girder & T r, 13 c, of which 7 are m c and 6 t c. Short system. Laclede and Jones cars. Taylor and Buckeye engines. Pres. J. L. Caldwell, V. Pres. T. T. McCullough, Sec. & Gen. Man. F. L. Doolittle, Treas. C. L. Hafner, St. Capital, \$250,000. Bonds, \$100,000. Office, 919 2d Ave. 9 3

HUNTSVILLE, ALA.—Huntsville Belt Line & Monte Sano Ry. Co. 12 m steam, 4-8 1/2 g, 60 lb T r, 20 c. Pres. J. F. O'Shaughnessy, 36 Wall st. New York Capital, \$200,000. Bonds, \$150,000. Office, Jefferson st. 2 2

HUTCHINSON, KAN.—Hutchinson St. Ry. Co. 12 m, 4-6 g, 20 lb T r, 6 c, 30 h, 20 mu. Brownell and Laclede cars. Pres. & Gen. Man. L. A. Bigger, V. Pres. J. B. Brown, Sec. L. Taylor, Treas. & Supt. S. Bigger. Capital, \$50,000. Office, 8 E. Sherman St. 9 3

INDEPENDENCE, MO.—Kansas City, Independence & Park Dummy Line. (See Kansas City.)

INDIANAPOLIS, IND.—Citizens' St. R. R. Co. Elec. 85 m, of which 55 are horse and 30 elec, 4-8 1/2 g, 33 to 78 lb Johnson girder r, 145 c, of which 95 are h c, 35 m c and 15 t c, 940 mu. T-H, Edison, Westinghouse systems. Pres. A. L. Mason, V. Pres. W. L. Elder, Sec. & Treas. W. F. Milholland, Pur. Agt. S. F. Hazelrigg, Gen. Man. T. H. McLean. Capital \$1,500,000; authorized, \$3,000,000. Bonds, \$950,000. Room 11 The Fair Block. 4 3

IRONTON, O.—The Ironton & Petersburg St. Ry. Co. 8 m, 4-8 1/2 g, 32 lb T & flat r, 13 c, 42 h. Pres. C. H. Harman, Sec. & Treas. Wm. M. Kerr, Supt. T. T. Johnson. Capital, \$100,000. Bonds, \$65,000. Office, 32 Nassau St., New York. 1 3

IRONWOOD, MICH.—Twin City Ry. Co. 3.5 m, 3 m c. T-H system. 11 2

ITHACA, N. Y.—Ithaca St. Ry. Co. Elec. 6 m, 4-8 1/2 g, 45, 60 lb T r, 18 c, of which 12 are m c and 6 t c. T-H system. Brill and Gilbert cars. Ball engines. Water power. Pres. H. E. Hand, V. Pres. A. Hand, Sec. & Gen. Man. H. Bergholtz. Supt. J. A. Maxwell. Capital, \$175,000; authorized, \$250,000. Office 16 East State st. 10 3

JACKSON, MICH.—Jackson Street Ry. Co. Elec 7 m, 4-8 1/2 g, 45 T & lb girder r, 16 c, of which 8 are m c and 8 t c. Edison system. Brill cars. Pres. H. H. Smith, V. Pres. D. S. Smith, Sec. J. B. Corliss, Treas. & Gen. Man. H. H. Smith, Jr. Capital, \$140,000; authorized, \$150,000. Office, Main and Horton Sts. 9 3

JACKSON, MISS.—Jackson City R.R. 1 1/2 m 4-8 1/2 g, 4 4-wheel box c, 10 h. Pres. P. W. Peoples of Jackson Bank. Capital, \$5,000. 3 2

JACKSON, TENN.—Jackson & Suburban St. R. R. Co. 7 m, 4 g, 30 lb tram r, 9 4-wheel box c, 30 mu Pres. & Gen. Man. J. L. Wisdom, V. Pres. J. H. Duke Sec. C. G. Bond, Supt. T. F. Dalbey, Treas. 1st Nat. Bank. Capital, \$50,000. Office, Royal St. at Five Points. 5 3

JACKSONVILLE, FLA.—Main St. Ry. Co. Elec. 1 1/2 m, 5 g, 25 lb T r, 5 4-wheel box c, 18 mu. Pres. S. B. Hubbard, V. Pres. J. M. Schumacher, Sec. & Man. H. S. Ely, Treas. A. F. Perry. Capital, \$15,000. Office, 26 Main st. 1 3

Jacksonville St. R. R. Co. 12 m, 5 g, 25 & 30 lb T & 35 lb c b r, 33 c, 137 mu. Pres. H. S. Haines, Savannah, Ga.; V. Pres. Geo. R. Foster, Jacksonville, Fla.; Treas. J. M. Lee, Savannah; Supt. G. W. Haines, Brunswick, Ga.; Agent & Eng. M. H. Motte, Jacksonville. Office, Commercial st. c 9 0

JACKSONVILLE, ILL.—Jacksonville Ry. Co. Elec. 5 m, 4-8 1/2 g, 25-45 lb r, 21 c, of which 9 are m c, 12 t c, 5 h. T-H & Detroit systems. Pres. Wm. S Hook, Sec. Marcus Hook, Treas. Fannie Hook, Supt. B. F. Sibert. Capital \$50,000. 6 2

JAMAICA, N. Y.—Jamaica & Brooklyn Road Co. 12.8 m elec, 4-8 1/2 g, 50 lb s b & flat r, 23 c of which 18 are m c and 5 t c, 3 h. Edison system. Pres. S. Spencer, V. Pres. G. W. Maslin, Sec. W. S. Townsend, Treas. R. D. Lankford, Supt. W. M. Scott. Capital, \$197,480. Bonds, \$415,000. Office, 23 Wall st., New York and Jamaica, L. I. 1 3

JAMESTOWN, N. Y.—Jamestown St. Ry. Co Elec. 20 m, 4-8 1/2 g, 30-70 lb T & girder r, 32 c, of which 27 are m c and 5 t c, 7 h. Short and Westinghouse systems. Brill cars. Noye and Phoenix engines. Pres. A. N. Broadhead, V. Pres. L. B. Warner, Sec. W. S. Cameron, Treas. S. B. Broadhead, Supt. & Pur. Agt. G. E. Maltby. Capital \$250,000. Bonds \$300,000. 9 3

JANESVILLE, WIS.—Janesville St. Ry. Co Elec. 7 m, 4-8 1/2 g, 35 lb T r, 9 c, of which 6 are m c and 4 t c. Short system. Pres. J. A. Barham, V. Pres. A. A. Jackson, Sec. & Gen. Man. W. R. Proudfoot. Capital \$125,000. Office, Power House, Academy St. 9 3

JEFFERSONVILLE, IND.—Jeffersonville City Ry. Co. 5 m, 4-8 1/2 g, 20 & 35 lb steel T r, 11 c, 35 mu. Pres. Sec. & Treas. E. J. Howard, V. Pres. G. J. Long, Supt. E. Frazer. Capital stock, \$50,000. Office, 57-59 Spring st. 1 3

JERSEY CITY, N. J.—Jersey City & Bergen R. Co. (Controlled by New Jersey Traction Co.) Elec. 40 m, of which 30 are horse and 10 elec, 4-10 1/2 g, 50 & 78 lb c. b. & girder r, 163 c, of which 136 are h c and 27 m c, 819 h, 56 mu. Curtis and Westinghouse systems. Stephenson and Trumble cars. Pres. Chas. B. Thurston, 1st V. Pres. G. F. Perkins, 2d V. Pres. & Gen. Man. D. Young, Sec. H. C. Ross, Treas. Joseph S. Vanzandt, Supt. Thos. M. Sayre. Capital \$1,000,000. Bonds, \$253,000. Office, No. 1 Exchange Pl. 9 3

JOHNSON CITY, TENN.—Johnson City & Carnegie St. Ry. Co. Elec. 3 m, 4-8 1/2 g, 45 lb T r, 4 m c. T-H system. Ellis cars. Power rented. Pres. E. Day, V. Pres. F. A. Stratton, Sec. Treas. & Gen. Man. E. H. Stevens. Capital \$50,000. 5 3

JOHNSTOWN, PA.—Johnstown Pass. Ry. Co. Elec. 14 m, 4-8 1/2 g, 78 lb girder r, 28 c, of which 16 are m c and 12 t c. Short system. Pres. Tom. L. Johnson, V. Pres. & Man. John B. Hoegen, Sec. B. L. Yeagley. Capital, \$250,000. Office Johnstown. 3 3

JOLIET, ILL.—Joliet St. Ry. Co. Elec. 16 m 4-8 1/2 g, 38, 40, 58 lb. girder & T r; 30 c, of which 16 are m c & 14 t c. T-H system. Pres. & Gen. Man. J. A. Henry, V. Pres. & Supt. J. W. Folk, Sec. & Treas. J. Hulsizer. Capital, \$150,000; authorized, \$300,000. Bonds, \$75,000. Office, S. W. corner Jefferson & Ottawa Sts. 1 3

JOPLIN, MO.—Joplin Electric Ry. & Motor Co 4.52 m, 4-8 1/2 g, 66lb Johnson girder r, 10 4-wheel box c, of which 8 are m.c. and 2 t.c. T-H system. Two 15 H. P. motors to each car. Pres. John N. Boffinger V. Prests. B. F. Hammett, J. C. Stewart, Sec. & Treas. D. R. Powell, Gen. Man. H. L. Newman, Supt. C. H. Beiden, Atty. D. J. Hoff. Capital, \$150,000. Office, 116 N. 3d st., St. Louis, Mo. 9 3

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KALAMAZOO, MICH.—Citizens' St. Ry. Co. Elec. 12 m, 4-8 1/2 g, 50 lb T r, 25 c, of which 14 are m c and 11 t c. General Electric system. Pres. T. P. Bailey, V. Pres. G. J. Kobusch, Sec. & Supt. E. E. Downs, Treas. J. W. Johnson, Gen. Man. G. R. Wheeler. 5 3

KANKAKEE, ILL.—Kankakee Electric Ry. Co. 6 m, 4-8 1/2 g, 50 lb T, girder & T r, 4 m c. Westinghouse system. Pullman cars. Pres. & Gen. Man. C. H. Cobb, V. Pres. H. K. Wheeler Sec. & Treas. T. W. Adams. Capital, \$50,000; authorized, \$60,000. 9 3

North Kankakee Elec. Lt. & Ry. Co. 4.2 m, 4-8½ g, 40, 57 lb T & girder r, 3 m. c. Detroit and T-H Systems. St. Louis cars. Phoenix engines. Pres. B. F. Uram, Sec. E. E. Day, Treas. A. D. Ehrlich, Gen. Man. & Supt. E. Powell. Capital \$70,000; Bonds, \$25,000. 9 3

KANSAS CITY, KAN.—Kansas City Elevated Ry. Co. (Operates Kensington Ry.) Elec. 20 m, 4-8½ g, 40, 50, 62 lb T & Duplex r, 34 m c. T-H, Edison and Westinghouse systems. Pullman and St. Louis cars. Corliss engines. Pres. J. Wilbour, V. Pres. & Gen. Man. R. Gillham, Sec. D. D. Hoag, Treas. A. H. Callf. Capital, \$2,600,000. 5 3

West Side R. R. Co. Elec. 10 m, 4-8½ g, 45, 54 lb T & girder r, 16 c, of which 12 are m. c. and 4 t. c. Westinghouse system. St. Louis cars. Sioux City Corliss engines. Pres. W. N. Coler, Jr., Sec. C. F. Hutchings, Supt. J. P. Clark. Capital, \$500,000. Bonds \$150,000. 6 3

KANSAS CITY, MO.—Kansas City Cable Ry. Co. 20½ m cable, 4-8½ g, 42, 56 & 63 lb flat & Johnson girder r, 190 c, of which 119 are open and 71 g. c. Pres. & Gen. Man. Wm. J. Smith, V. Pres. Jas. A. Blair, Sec. W. H. Lucas, Asst. Gen. Man. F. C. Peck Capital, \$1,575,000 Bonds \$1,350,000. Office, 433 E. Ninth st. 9 3

Grand Ave. Ry. Co. 22½ m, of which 3½ are horse, 17.14 cable & 1.87 steam, 4-8½ g, 58 lb T & c b r, 90 c, of which 7 are h. c. 81 cable comb'n and 2 steam c. 44 h. Brownell cars, Allis engines. Pres. W. H. Holmes, V. Pres. V. B. Buck, Sec. D. B. Holmes, Treas. W. B. Clark, Gen. Man. C. F. Holmes, Supt. T. Barratt, Auditor, T. J. Fry Capital, \$1,200,000. Bonds, \$1,200,000. Office, 1500 Grand ave. 1 3

Kansas City & Independence Rapid Transit Ry. Co. 16.32 m steam, 4-8½ g, 40 lb T r, 23 c, of which 18 are pass. c, 9 flat c and 1 express c, 6 steam motors. Laclede cars, Baldwin engines. Pres. W. H. Holmes, V. Pres. C. L. Hutchinson, Sec. D. B. Holmes, Treas. W. B. Clarke, Gen. Man. C. F. Holmes, Supt. W. P. Buckner, Auditor, T. J. Fry. Capital, \$1,000,000. Office 1,500 Grand Ave. 6 2

Kensington Ry. Co. (Operated by Kansas City Elevated Ry. Co.) Steam. 4 m, 4-8½ g, 50 lb T r. Pres. A. P. Smith, V. Pres. R. R. Miner, Sec. J. E. Brady, Treas. W. A. Bunker. Capital \$50,000. Bonds \$50,000. 9 3

Metropolitan St. Ry. Co. 44 m, of which 25 are cable, 11 horse and 8 elec., 4-8½ g, 60 lb c. b. r, 289 c of which 42 are h. c, 76 g. c, 18 m. c. and 153 t. c, 76 h, 101 mu. T-H system, Laclede and Pullman cars. Arlington & Sims and Hooven, Owens & Rentschler engines. Pres. & Treas. C. F. Morse, V. Pres. G. H. Nettleton, Sec. J. A. Harder, Gen. Man. & Ch. Eng. R. J. McCarty, Asst. Gen. Man. F. M. Bernardin. Capital, \$2,800,000; authorized, \$3,600,000. Bonds, \$2,000,000. Office, 9th & Broadway. 9 3

North East St. Ry. Co. Elec. 7 m, 4-8½ g, 52 lb girder r; 12 m c, of which 10 are 4-wheel box and 2 4-wheel open. T-H system. Pres. W. McDonald Sec. W. C. Scarritt, Treas. J. H. North, Gen. Man. F. W. McDonald. Capital \$260,000. Bonds \$260,000. 3 2

People's Cable Ry. Co. 6.8 m, 4-8½ g, 58½ lb r, 35 c, of which 15 are g. c. and 20 t. c. Auditor & Cashier, W. C. Phillips, Supt. F. Phillips. Capital \$750,000. 3 2

South Side St. Ry. Co. 1½ m, 4-8½ g, 18 lb strap r, 3 4-wheel box c, 21 h. Pres. A. P. Smith, Sec J. A. Harder, Gen. Man. J. McCarty. Capital \$20,000. 11 2

South Suburban Ry. Co. Elec. 3.25 m, 4-8½ g, 35-56 lb flat & girder r, 6 m. c. T-H system. St. Louis cars. Pres. G. K. Wheeler, V. Pres. & Gen. Man. D. J. Haft, Sec. C. A. Ross, Treas. I. C. Hubbell, Supt. C. Grover. Capital, \$150,000. Bonds \$100,000. Office, 829 N. Y. Life Ins. Bldg. 6 3

KEARNEY, NEB.—Kearney Electric Co. 5½ m Elec. 4-8½ g, 40 lb T r, 6c, of which 4 are m. c. and t. c. T-H & Edison systems. Pres. Geo. W. Frank Sec. & Treas. C. M. Rice, Supt. G. W. Frank Jr. Capital \$250,000. 1 3

KENOSHA, WIS.—Kenosha Electric St. Ry. Co. 3 m, 4-8½ g, 52 lb girder r, 6 c, of which 4 are m c and 2 t. c. Pres. & Gen. Man. J. W. Munson, V. Pres. N. A. Penoyer, Sec. & Treas. H. B. Robinson. Capital \$100,000. 9 2

KEOKUK, IA.—Gate City Electric St. Ry. Co. 6½ m, 4-8½ g, 38-45 lb T & girder r, 14 c, of which 8 are m c and 6 t. c. Edison and Westinghouse systems. Pres. S. P. Townsend, Sec. W. J. Roberts, Treas. & Supt. H. C. Reiner. Capital authorized, \$130,000. Bonds \$85,000. 5 3

KEY WEST, FLA.—Key West Street Car As. association, 5 m, 4-8½ g, 50 lb r, 12 c, 75 mu. Brill cars. Pres. J. Albertas, Sec. G. B. Paterson, Treas. Key West St. Car Co., Supt. A. Orchueta. Capital, \$150,000. 6 2

KEYPORT, N. J.—Keypoint & Matawan St. Ry. Co. 3½ m, 4-8½ g, 38 lb girder r-b r, 6 4-wheel box c 24 h. Pres. R. R. Brown, Sec. & Treas. A. M. Brown, Supt. W. C. Smith. Capital, \$30,000. 9 3

KINGSTON, N. Y.—(See Rondout.)

KINGSTON, ONT., CAN.—Kingston St. Ry. Co. 8 m, 3 g, 44 lb r, 15 c, 45 h. Pres. & Gen. Man B. W. Folger, V. Pres. M. H. Folger, Sec. F. R. Sargent, Treas. B. W. Folger, Jr., Supt. A. Beacance Capital \$60,000. Bonds \$60,000. 6 2

KNOXVILLE, TENN.—Knoxville Electric Ry. Co. 17 m, of which 13 are electric, 4 8½ g, 45 lb girder & T & 25 lb tram r, 26 c, 12 m. c. T-H system Receiver, J. C. Duncan, Supt. W. B. Palmer. 7 3

Fountain Head Ry. Co. 6 m, 4-8½ g, 45 lb T r, 11 c of which 7 are passenger and 4 freight, 3 dummies Pres. G. Borgeldt, V. Pres. G. F. Pfeiffer, Treas. J. Kahle, Gen. Man. M. O. French, Supt. R. T. Baker Capital \$200,000. Office, 91 W. Depot st. 2 3

West End St. Ry. Co. 3½ m, 4-8½ g, 24 lb c. b. r, 4 c, 25 mu. Stephenson cars. Pres. R. M. Rhea, Sec., Treas. & Gen. Man. T. J. Thomas. Capital \$25,000. 1 3

KOKOMO, IND.—Kokomo City St. Ry. Co. Elec 4½ m, 4-8½ g, 35 lb T r, 10 c, of which 7 are m. c. and 3 t. c. Detroit system. Pres. F. E. Snow, V. Pres W. A. Jackson, Sec. F. Woodruff, Treas. F. Marvin Supt. F. H. Allen. Capital \$100,000. 1 3

LACONIA, N. H.—Laconia & Lake Village Horse R. R. 3.62 m, 3 g, 35 lb T r, 11 c, 25 h. Pres. J. C. Moore, V. Pres. & Gen. Man. Henry Tucker, Treas. Edmund Little, Supt. B. S. Kenniston. Capital \$50,000. 5 3

LA CROSSE, WIS.—La Crosse City Ry. Co. 10½ m, of which ½ is horse and 10½ elec., 4-8½ g, 40-66 lb girder & T r, 30 c, of which 5 are h. c, 11 m c and 14 t. c, 20 h. Elec. system. St. Louis cars. Allis engines. Pres. B. E. Edwards, V. Pres. W. W. Cargill, Sec. H. E. West, Treas. Geo. H. Clark, Supt. (North Division) Peter Valler, Supt. (Southern Division), Geo. F. Smith, Ch. Engr. C. S. Smith. Capital \$200,000. Office, 3d and La Crosse Sts. 9 3

LA SALLE, ILL.—City Electric Ry. Co. 9½ m, elec, 4-8½ g, 51½ lb s b & girder r, 9 c, of which 6 are m c and 3 t. c. Edison system. Pres. W. G. Reeve, Sec. F. X. Kilduff, Treas. L. B. Merrifield, Supt. E. S. Enyart. Capital \$125,000. 3 2

LAKE CHARLES, LA.—Lake Charles St. Ry. Co. 1½ m, 3-8½ g, 30 lb T r, 4 c, 12 mu. Pres. P. Crowley, V. Pres. J. Ryan, Sec. & Gen. Man. W. Meyer, Treas. A. Meyer. Capital, \$10,000; authorized \$50,000. 1 3

LAFAYETTE, IND.—Lafayette St. Ry. Elec 10 m, 4-8½ g, 56 lb T & girder r, 8 c, of which 6 are m c and 2 t. c. Edison system. Brill cars. Hamilton engines. Pres. & Treas. T. J. Levering, Sec. J. T. Henderson, Gen. Man. & Supt. J. S. Hill. Capital 150,000. 5 3

LAMPASAS SPRINGS, TEX.—Lampasas Springs St. R. Co. 3 m, 4-8½ g, 35 lb T r, 4 c, 16 mu. Pres. R. E. Maddox, Sec. & Treas. W. H. Little Gen. Man. E. P. Maddox. Capital \$21,000; authorized, \$50,000. Office, Elm st. 2 3

LANCASTER, O.—Lancaster Electric Ry. Co. 4 m, bonded for elec. service, 4-8½ g, 52 lb girder r, 7 c, 16 h. Pres. & Gen. Man. A. Baumann, V. Pres. F. Barrett, Sec. H. Becker, Treas. H. B. Peters. 9 3

LANCASTER, PA.—Lancaster Traction Co. 30 m, 5-2½ g, 52, 60 lb girder & T r, 50 c, of which 40 are m c and 10 t c 7 h. Gen. Elec. system. Brill cars. Ball & Wood and Reynolds engines. Pres. J. C. Hegar, V. Pres. M. L. Herr, Sec. & Treas. H. E. Hoffer, Gen. Man. & Supt. W. A. Armstrong, Jr. Capital, \$600,000. Bonds, \$200,000. Office, 529 N. Prime St. 9 3

LANSING, MICH.—Lansing City Ry. Co. Elec 8 m, 4-8½ g, 35 & 45 lbs b & T r, 17 c, of which 12 are m. c. and 5 t. c. Westinghouse system. Pres. G. Macdonald, V. Pres. C. Osbund, Sec. J. P. Lee, Gen. Man. S. L. Kelghley. Capital \$50,000. Office, 1106 Washington Ave., South Lansing. 9 3

LARCHMONT, N. Y.—Larchmont Horse R. R. Co. 1½ m, 4-8½ g, 25 & 38 lb T & girder r, 3 box c, 12 h. Stephenson cars. Pres. C. H. Murray, V. Pres. E. E. Flint, Sec. & Treas. W. H. Campbell. Capital \$25,000. 6 3

LAREDO, TEX.—International Bridge & Tramway Co. 5 m, 3-9 g, 20 lb r, 10 c & 1 freight forms 50 mu. & h. Pres. P. Ornelas.

Laredo Electric & Ry. Co. 4 m, 4 g, 25 lb T r, 6 m c. Edison system. Brill cars. Arlington & Sims engines. Pres. B. M. Hammond, V. Pres., Treas. & Gen. Man. C. F. Drake, Sec. & Supt. C. F. Yaeger. Capital, \$100,000. Office, Salinas & Farragut sts. 6 3

LAWRENCE, KAN.—Lawrence Transportation Co. 5½ m, 4-1 g, 35 lb Johnson girder r, 9 c, of which 6 are 4-wheel box and 3 4-wheel open, 64 h. Pres & Treas. H. Tisdale, V. Pres. J. W. Parker, Sec. H. B. Lawton, Supt. W. McEhney. Capital \$35,000. 9 3

LAWRENCE, MASS.—(Merrimac Valley St. R. R. Owned by Lowell, Lawrence & Haverhill St. Ry. Co. See Lowell, Mass.)

LEAVENWORTH, KAN.—Leavenworth Electric Ry. Co. 15 m, of which 5 are horse and 10 elec, 4-8½ g, 22.57 lb. tram & T r, 28 c, of which 14 are h. c. 9 steam c. 3 m. c. and 2 t. c. 15 h 32 mu. Stephenson cars. Baldwin and Porter engines. Pres. H. F. Putnam, Sec. W. Dill, Treas. & Gen. Man. G. A. Baker. Capital, \$300,000. 5 3

LEBANON, MO.—Lebanon Light & Water Co. Elec. ¾ m, 4-8½ g, 48 lb T r, 1 m. c. Westinghouse system. Pres. B. F. Hobart, V. Pres. E. B. Loveland Sec. & Treas. W. P. Heath, Gen. Man. & Supt. J. E. Fulkerson. Capital \$250,000. Bonds, \$100,000. 9 3

LEBANON, PA.—Lebanon & Annville St. Ry. Co. Elec. 12 m, 5-3 g, 40-80 lb girder & T r, 12 m c. Edison system. Lebanon Mfg. Co., Lewis & Fowler and Stephenson cars. Pres. J. M. Shenk, V. Pres. S. P. Light, Sec. H. H. Light, Treas. F. H. Reineohl, Supt. C. H. Smith. Capital \$100,000. Bonds \$100,000. 9 3

LEWISTON, ME.—Lewiston & Auburn Horse R. R. Co. 14 m, 4-8½ g, 42 & 45 lb tram & T r, 16 c, 80 h. Jones and Stephenson cars. Pres. & Gen. Man. Frank W. Dana, Sec. & Treas. H. C. Little. Supt. L. G. Pather. Capital \$100,000. Bonds \$85,000. 9 3

LEXINGTON, KY.—Passenger & Belt Ry. Co. Elec. 13 m, 4-8½ g, 50 lb T r; 31 c, of which 23 are m c and 8 t. c. Edison and T-H systems. Pres. C. H. Stoll, V. Pres. W. J. Longbridge, Sec. F. V. Bartlett, Treas. R. P. Stoll, Supt. R. H. Smith. Capital \$1,000,000. Office, Main and Cheapside sts. 5 3

LEXINGTON, MO.—Lexington & Kansas City Land & Investment Co. 2½ m, 4-4 g, 30 lb r, 2 c, 8 h. Pres. R. G. Estell, V. Pres. W. Z. Hickman, Sec. & Treas. Jas. Wentworth. 5 3

LIMA, O.—The Lima Electric Ry. Co. 7 m, 4-8½ g 66 lb Johnson steel r, 10 c, of which 7 are m c and 3 t c T-H system. New Castle cars. Pres. A. E. Townsend, V. Pres. & Treas. W. W. Hazzard, Sec. & Gen. Man. W. H. Thompson. Capital \$200,000. 5 3

LINCOLN, NEB.—Lincoln St. Ry. Co. Elec. 50 m, 4-8½ g, 40, 56, 70 lb T & girder r, 80 c, of which 40 are m c and 40 t. c. T-H generators, Westinghouse and Short motors. Pres. F. W. Little, Sec. W. H. Clark Treas. & Gen. Man. C. C. Upham. Capital, \$1,200,000; authorized, \$2,000,000. Bonds, \$600,000. Office 9 and K sts 9 3

Home St. Ry. Co. 11 m, of which 3 are horse and 8 elec, 4-8½ g, 35 lb T and 45 lb girder r, 9 c, of which 6 are m c and 3 t. c. Westinghouse system. Pres J. H. McMurtry, V. Pres. & Gen. Man. E. Fluney Sec. & Treas. K. K. Hayden. Capital \$300,000. Office 133 North 12th t. 9 2

LITTLE ROCK, ARK.—Capital St. Ry. Co. (Leased and operated by City Electric Ry. Co.

The City Electric Ry. Co. (operates Capital St. Ry.) 18.2 m, of which 1 is horse and 17.2 elec. 4-8½ g, 35, 38 & 48 lb T & girder r, 72 c, of which 2 are h c 28 m c and 42 t. c, 10 mu. T-H system. Pres. H. G. Aills, V. Pres. & Gen. Man. H. G. Fleming, Sec. & Treas. G. R. Brown, Supt. A. S. Grooms. Capital \$500,000. Bonds, \$600,000. 2 3

LOCKPORT, N. Y.—Lockport St. R. R. Co. 3½ m, 4-8½ g, 42 lb s b r, 8 4-wheel box c, 32 h. Pres & Treas. John Hodge, Attor D. M. Ashley, Supt. S. A. Seabury. Capital \$35,000. a 3 1

Lock City Electric R. R. Co. 7 m, 4-8½ g, 77 lb s b r, 12 c, of which 6 are m. c. and 6 t. c. Brill and St. Louis cars. Pres. W. Goodwin, Sec. W. Spading, Treas. F. Swift. Capital, \$150,000. 9 3

LOGANSPORT, IND.—Logansport Ry. Co. Elec 5½ m, 4 g, 40 lb T r, 8 m. c. Edison and T-H systems. St. Louis cars. McIntosh & Seymour engines. Pres. S. Spencer, Sec. & Treas. F. D. Raymond, Gen. Man. J. T. McNary. Office 412 Broadway. 5 3

LONDON, ONT.—London St. Ry. Co. 10 m, 4-8½ g, 30 lb flat r, 30 c, 101 h. Pres. H. A. Everett, V. Pres. J. C. Grace, Sec., Treas. & Gen. Man. S. R. Break, Supt. Henry T. Smith. Capital \$100,000. Office Richmond st. 1 3

LONG ISLAND CITY, N. Y.—Steinway Ry. Co. of Long Island City. Elec. 32.25 m, of which 30 are horse and 2.25 elec. 4-8½ g, 47, 66, 70 lb Duplex r 99 c, of which 93 horse and 6 m c, 279 h. Pres. W. Steinway, V. Pres. W. C. Foster, Sec. L. Von Bernuth, Treas. H. D. Luer, Supt. A. D. Moulton. Capital, \$2,500,000. Bonds, \$600,000. Office, 111 E. 14th st New York. 9 2

Long Island City & Newtown Ry. Co. Elec. 6½ m, 4-8½ g, 45-55 lb r, 27 c, 7 m. c. Edison system. Pres Isaac Buchanan, N. Y. City, Sec. Geo. S. Crawford Brooklyn, N. Y., Treas. Patrick J. Gleason, Sec Thomas Burke, Supt. Michael Conway. Capital \$150,000. Offices, 112 Front st. 3 1

Riker Ave. & Sandford's Point R. R. Co. 4 m, 4-8½ g, 47 lb c b r. Operated under lease by Steinway Ry. Co. of Long Island City. Pres. J. Hempsted, Supt. A. D. Moulton. Capital, \$20,000. N. Y. Office, Steinway Hall. 9 2

ROUND "BELL CORD." LEATHER

Jas. Lyon's Superior Quality in Coils. Send for Samples and Prices.

CHAS. L. McCLURE, Manufacturer's Agent, 415 Broadway, Room 522, New York.

LONGVIEW, TEX.—Longview & Junction St. Ry. 5 1/2 m, of which 1 1/2 are horse and 4 cable; 3-6 g 16 lb r, 2 c, 4 mu. Pres. W. S. Mayfield, Sec. & Treas W. D. Stallings, Gen. Man. T. H. Huffman. Capital \$4,500. 3 2

LOS ANGELES, CAL.—Pacific Ry. Co. of Chicago, Ill., 42 m, of which 21 are horse & 21 cable, 3-6 & 4-8 1/2 g, 40 lb girder r, 134 c, of which 34 are h. c. 50 g. c. & 50 t c, 125h, 82 mu. Receiver, D. K. Trask, Supt. J. J. Akin. Capital, \$2,500,000. Bonds \$2,500,000. Office, 701 Grand ave. 9 3

Los Angeles Consolidated Electric Railway Co. (Controls all roads in Pasadena except Pasadena & Mt. Wilson Ry.) 45 m, 3-6 g, 45 lb girder r, 75 c, of which 65 are m c and 10 t c. Westinghouse and Edison systems. Brill and Stockton C. H. & A. cars. Golden State & Miners' Iron Works engines. Pres. M. H. Sherman, V. Pres. & Gen. Man. E. P. Clark, Sec. F. V. McDonald, Supt. A. W. Barrett. Office, Central ave. & 7th st. 6 3

Main St. & Agricultural Park R. R. Co. 9.72 m, 3-6 g, 16 lb T. r, 31 c, 105 h. Pres. W. J. Brodrick, V. Pres. T. E. Rowan, Sec. A. C. Taylor, Treas. Farmers' & Merchants' Bank, Supt. Wm. Hawks, Capital \$200,000. Office, 234 N. Main St. 9 3

Temple St. Cable Ry. Co. 4 1/2 m, 3-6 g, 38 lb Johnson girder r, 10 c, 10 dummies. Pres. & Gen. Man. F. W. Wood, V. Pres., O. Morgan, Sec. W. N. Hamaker, Treas. Frank A. Gibson, Supt. J. Fowler. Capital \$100,000. Office, 129 Temple St. 9 3

LOUISVILLE, KY.—Louisville Ry. Co (includes all lines in the city). Elec. 140 m, of which 80 are horse & 60 elec, 5 g, 58 1/2, 78, 100 lb c b & girder r, 462 c, of which 232 are h. c., 110 m c and 120 t c, 1700 mu. T-H and Short systems. Pres. J. B. Speed, V. Pres. St. John Boyle, Sec. & Treas. R. A. Watts, Gen. Man. T. J. Minary, Supt. J. O. Haddock. Capital, \$8,000,000. Bonds \$6,000,000. Office, 500 Twelfth st. 9 3

Louisville Terminal Ry. Co. Elec. 3 m, 4-9 g, 56 lb T. r. Patton motor system. Pullman cars. Pres. C. L. Danforth, Sec. & Treas C. C. McCarty, Gen. Man. J. C. Fawcett, Supt. H. V. Harris. Capital \$60,000. Office, Commerce Bldg. 6 3

LOWELL, MASS.—Lowell & Suburban Ry. Co. Elec. 41 m, 4-8 1/2 g, 35, 40, 45, 50, 60, 90 lb T, girder and tram r, 105 c, of which 53 are m c and 52 t c Bentley Knight, T-H & Westinghouse systems. Brill Jones, Newburyport and Stephenson cars. Pres. E. M. Tucke, V. Pres. A. Fels, Sec. & Gen. Man. P. F. Sullivan, Treas. P. Parker, Supt. G. F. Wells. Capital, \$400,000. Bonds \$600,000. 9 3

Lowell, Lawrence & Haverhill St. Ry. Co. Pres. & Gen. Man. G. H. Campbell, Asst. Treas. M. J. Ellard, Audr. G. E. Tripp. 6 3

Lowell, Lawrence & Haverhill St. Ry. Co. (Haverhill division) Elec. 15 m, 4-8 1/2 g, 30-35-40 lb T & flat r, 50 c, of which 40 are h. c. and 10 m. c. 125 h. T-H system. Brill, Jones, Lewis & Fowler and Newburyport cars. Providence engines. Supt. F. Woodman. 5 3

Lowell, Lawrence & Haverhill St. Ry. Co. (Lawrence division.) Elec. 17 m, 4-8 1/2 g, 40, 45, 48 lb T, tram and girder r, 26 c, of which 25 are m c and 1 t c. T-H system. Jones and Stephenson cars. McIntosh & Seymour engines. Supt. N. E. Morton. 5 3

LYNCHBURG, VA.—Lynchburg St. Ry. Co. Elec. 5 1/2 m, 4-8 1/2 g, 35-42 lb T & tram r, 8 c, of which 6 are box m. c. and 2 open m. c. Eickemeyer overhead system. Pres. Stephen Adams, Sec. P. O. Adams Gen. Man. & Supt. B. Flanagan. Capital \$100,000. Office, 807 Main st. 1 3

Lynchburg Electric Ry. Co. 5 m, 4-8 1/2 g, 45 lb r, 4 m. c. Edison system. Pres. P. J. Otey, Supt. J. A. Humphries. Capital \$60,000. 6 2

Lynchburg & Rivermont Electric Ry. Co. 5 m, 4-8 1/2 g, 45 lb T r, 4 m. c. Edison system. Lewis & Fowler cars. Russell engines. Pres. J. P. Pettyjohn, V. Pres. W. I. Owen, Sec. & Treas. D. T. Mitchell, Supt. J. A. Humphries. Capital, \$20,000. 9 3

LYNN, MASS.—North Shore Traction Co. (See Boston, Mass.)

LYONS, IA.—Clinton & Lyons Horse Ry. Co. 10 m, 3-8 g, 30-45 lb T & girder r, 24 c, of which 10 are 4-wheel box and 14 are 4-wheel open, 44 h, 16 mu. Pres. & Gen. Man. D. Joyce, Sec. W. T. Joyce, Supt. Frank Crasper. Capital \$25,000. 1 3

M

MACON, GA.—Consolidated St. Ry. Co. Elec. 25 3/4 m, 4-8 1/2 g, 20, 30, 40 lb T r, 37 c, of which 21 are m c and 16 t c. T-H system. 5 3

Macon & Indian Spring Electric Ry. Co. 6 1/2 m, 4-8 1/2 g, 40 lb T r, 12 c, of which 4 are m c and 8 t c. T-H system. Lamokin cars. Ball engines. Pres. & Gen. Man. T. J. Carling, Sec. J. H. Herley, Supt. Whyne. Capital, \$75,000; authorized, \$500,000.

McKEESPORT, PA.—McKeesport & Reynoldton Pass. Ry. Co. Elec. 9 m, 5-2 1/2 g, 38 & 52 lb Johnson girder r, 16 c, of which 13 are m c and 3 t c. Russell engines. Pres. J. C. Smith, Sec. W. B. Peters, Treas. E. F. Woods, Supt. L. Richardson. Capital \$150,000; authorized \$300,000. Office, 5th ave. & Sinclair st. 2 3

McPHERSON, KAN.—McPnerson St. Ry. Co. 4 m, 3-6 g, 20 lb T r, 32-h. c., 20 h. Pres. & Man. Wm West, Sec. F. P. Hoyt. Capital \$100,000. 1 2

MADISON, IND.—Madison St. Ry. Co. 2 1/2 m, 4 g, 15 lb tram r, 8 c, 4 h, 16 mu. Pres. & Treas. J. W. Thomas, Sec. J. A. Mercer, Supt. J. Wendel. Capital \$13,000; authorized \$15,000. Office 301 Front st. 5 3

MADISON, WIS.—Madison City Ry. Co. Elec. 8 m, 4-8 1/2 g, 40, 50 lb T r, 13 c, of which 9 are m c and 4 t c. T-H system. St. Louis cars. Pres. G. C. Cook, Sec. & Treas. H. C. Welch, Gen. Man. & Supt. G. H. Shaw. Capital \$100,000. Bonds \$150,000. Office Main & Baldwin sts. 5 3

MALDEN, MASS.—East Middlesex St. Ry. Co. 16.13 m, 4-8 1/2 g, 35 & 40 lb T & tram & Richards r, 58 c, of which 23 are box and 35 open, 204 h. Pres Amos F. Breed, Treas. D. H. Sweetser, Supt. J. Sewall. Capital, \$300,000. Office, 35 Congress st., Boston. 12 2

MANCHESTER, N. H.—Manchester Street Ry Co. 12 m, 3 g, 35 lb tram r, 39 c, 189 h. Pres. C. Williams, Treas. C. H. Bartlett, Gen. Man. N. H. Walker. Capital, \$25,000. Office Depot St. 9 3

Massabesic Horse R. R. Co, 6 m. Pres. C. Williams, Sec. J. W. Fellows, Treas. C. F. Morrill. Capital, \$50,000. Office 859 Elm St. 6 3

MANISTEE, MICH.—Manistee, Flier City & East Lake Ry. Co. Elec. 11 m, 4-8 1/2 g, 45 lb T r, 16 c, of which 3 are m c and 8 t c. Gen. Elec. system. St. Louis cars. Ide engines. Pres. & Treas. G. A. Hart, V. Pres. F. F. Davidson, Sec. W. F. Davidson, Supt. N. E. Degen. Capital, \$150,000. Office, 418 River St. 6 3

MANKATO, MINN.—Mankato St. Ry. Co. 3 1/2 m, 3-6 g, 27 lb steel r, 5 c, of which 3 are m. c, 16 h Brownell cars. Pres. S. Lamm, Sec. & Treas. John C. Noe, Gen. Man. W. M. Farr. Capital, \$50,000. Office, 121 Hickory st., Mankato. 5 3

MANSFIELD, O.—Citizens' Elec. Ry., Lt. & Power Co. 7 1/2 m, 4-8 1/2 g, 45, 50, 60 lb girder & T r, 13 m. c. Westinghouse system. Akron, Brill and Laclede cars. Buckeye and Cooper engines. Pres. S. N. Ford, V. Pres. M. D. Harter, Sec. S. G. Cummings, Treas. & Gen. Man. R. Carpenter, Supt. S. Hennesfauth. Capital \$90,000; authorized \$125,000. Office, Power Station, N. Main st. 8 2

MARINETTE, WIS.—Marinette Gas, Elec. Lt. & St. Ry. Co. 5 m, 4-3 1/2 g, 32, 35, 52 lb T & tram r, 15 c, of which 6 are h. c. 7 m c and 2 t c. T-H system. St. Louis cars. Hoffman-Billings Co. engines. Pres. & Gen. Man. H. C. Higgins, V. Pres. A. C. Merryman, Sec. G. W. Hanley, Treas. J. F. Hancock Capital \$100,000. Bonds \$50,000. Office 1511 Main St. 2 3

MARION, IND.—Marion St. Ry. Co. Elec. 10 1/2 m, 4-8 1/2 g, 35, 38 lb T and girder r, 11 c, of which 6 are m c and 5 t c. T-H system. Pres. Eli Halderman, V. Pres. J. A. Halderman, Sec. & Treas. C. W. Halderman, Supt. W. C. Whitney. Capital, \$80,000. 5 3

Queen City Electric Ry. Co. 5 m, 4-8 1/2 g, 45, 52 lb T & girder r, 16 c, of which 14 are m c and 2 t c. T-H system. Jones and Pullman cars. Phoenix engines. Pres. R. B. Harrison, Sec. L. Wallace, Jr., Gen. Man. & Supt. A. A. Boyd. Capital, \$180,000. Office cor. 13th st. & Buffalo ave. Eastern office 1 Broadway, New York. 9 3

MARLBORO, MASS.—Marlboro St. R. R. Co. Elec. 3.222 m, 4-8 g, 38, 48 lb T and girder r, 9 m c Edison system. Ellis and Newburyport cars. Pres. E. R. Alley, V. Pres. S. H. Howe, Sec. F. L. Clafin, Treas. T. T. Robinson, Gen. Man. & Supt. H. E. Bradford. Capital \$50,000. Bonds \$50,000. Office 59 Main st. 5 3

MARQUETTE, MICH.—Marquette City & Presque Isle Ry. Co. Elec. 5 m, 4-8 1/2 g, 50 lb Johnson girder r, 5 c, of which 3 are m c & 2 t c. T-H system. Laclede cars. Hamilton-Corliss engines. Pres. F. O. Clark, Sec. M. E. Asire, Treas. J. Connolly, Supt. C. Retaille. Capital, \$200,000. 9 3

MARSHALLTOWN, IA.—Marshalltown Light Pow. & Ry. Co. 3 1/2 m, 4-8 1/2 g, 40 lb T r, 5 c, of which 4 are m c and 1 t c. T-H system. Pullman cars. Ide and St. Louis engines. Pres. C. D. Jones, Sec. & Treas. M. W. Hovey. Gen. Supt. F. Andres. Capital \$250,000. 6 3

MARTINSBURG, W. VA.—Martinsburg St. Ry. Co. 3 1/2 m, 40 lb T r, 6 c of which 3 are m c and 3 t c. Edison system. Brill cars. McIntosh & Seymour engines. Pres. & Treas. J. B. Wilson, Sec. J. W. Walker. Capital, \$50,000; authorized \$100,000. 9 3

MARYSVILLE, CAL.—Maryville & Yuba City St R. R. Co. 4 m, 3-6 g, 16 lb T r, 5 c, 4 h, 14 mu. Pres. D. E. Knight, V. Pres. S. H. Bradley, Sec. W. T. Ellis, Jr Supt. L. Graves. Capital \$40,000. Office, cor. D & 1st sts. 9 3

MAYSVILLE, KY.—Maysville St. R.R. & Transfer Co. Elec. 4 m, 4-8 1/2 g, 40 lb T r, 12 c, of which 5 are m c and 7 t c. Pres. A. M. J. Cochran, Sec. Treas. & Gen. Man. R. A. Cochran, Jr., Supt. of lines cars, &c., J. Limbrick. Capital \$30,900; authorized \$100,000. Bonds \$65,000. Office, Court st. 9 3

MECHANICSBURG, ILL.—Mechanicsburg & Buffalo Ry. Co. 7 1/2 m, 3-10 g, 16 & 20 lb T r, 3 1/2 wheel open c, 4 mu. Pres. J. B. Hunter, V. Pres. H. Thompson, Sec. J. T. Fullenwider, Treas. A. T. Thompson Capital, \$12,000. b 7 1

MEMPHIS, TENN.—Citizens' St. R. R. Co. (Owns City & Suburban Ry.) Elec. 45 m, 4-8 1/2 g, 60 76 lb T & girder r, 140 c, of which 60 are m c, 50 h c and 30 t c. Edison system. Pres. C. H. Ruddock, V. Pres. L. E. Wright, Sec. & Treas. L. R. Godwin, Gen. Man. G. F. Jones. Office, 29 Hernando st. 9 3

City & Suburban Ry. Co. Owned by Citizens' St. R. R. Co.) Elec. 7 1/2 m, 4-8 1/2 g, 45 & 52 lb T & Johnson girder r, 10 c, of which 5 are m c and 5 t c. T-H system. Pres. Holmes Cummings, V. Pres. T. J. Latham, Sec. & Treas. J. L. Norton, Gen. Man. R. T. Sherrill. Capital stock, \$150,000; authorized, \$165,000. Office, 56 E Court st. 10 2

East End Ry. Co. 5 1/2 m steam, 4-8 1/2 g, 35-50 lb steel T r, 8 c, 4 steam dummies. Ohio Falls cars. Baldwin engines. Pres. J. Overton, Jr, V. Pres. B. M. Stratton, Sec. J. E. Wade, Treas. W. D. Bethell, Gen. Man. J. C. Sneed. Capital \$150,000. Bonds \$150,000. Office, 310 2nd st. 9 3

Raleigh Springs Ry. Co. 11 m, 4-8 1/2 g, 60 lb girder & T r, 15 c, of which 9 are m c and 6 t c. T-H system. Brill cars. Allis and Hampson engines. Pres. B. L. Duke, V. Pres. & Gen. Man. W. R. Hall, Sec. S. L. Finley, Treas. C. B. Buchanan. Capital \$264,100; authorized \$365,000. Office, 10 W. Court st. 10 3

MENOMINEE, MICH.—Menominee Elec. Ry. & Pow. Co. 6.9 m, 4-8 1/2 g, 40 lb T r, 12 c, of which 8 are m c & 4 t c. Edison system. Pres. A. Spies, V. Pres. P. A. Van Bergen, Sec., Treas. & Gen. Man. E. Daniel. Capital, \$110,000. Bonds, \$500. 9 3

MERIDEN, CONN.—Meriden Horse R. R. Co 7 m, 4-8 1/2 g, 35 & 40 lb T r, 21 c, 90 h. Pres. Geo. R. Curtis, Sec. & Treas. Chas. L. Rockwell, Capital, \$80,000. Bonds, \$70,000. 5 2

MERIDIAN, MISS.—Meridian St. Ry. Co. 6 m of which 1 1/2 are steam and 4 1/2 horse, 4-8 1/2 g, 25 & 36 lb T & flat r, 10 c, 50 mu. Pres. Geo. S. Covert, Sec. J. M. Kelley, Supt. & Gen. Man. J. L. Handley. Capital, \$30,000. 3 1

Meridian Dummy Line Ry. Co. 2 m, 4-8 1/2 g, 40 lb T r, 6 c. Pres. J. H. Wright, V. Pres. C. C. Coffee, Sec. & Treas. G. Q. Hall, Engr. N. M. Brandon. Capital \$20,000. 5 3

MERRILL, WIS.—Merrill Ry. & Lighting Co. Elec. 1 1/2 m, 4-8 1/2 g, 38 lb Johnson girder r, 3 m c. Pres. F. P. Hixon, V. Pres. R. Werdner, Sec., Treas. & Gen. Man. E. S. King, Capital, \$20,000. Bonds, \$40,000. Office, 990 Main St. 5 3

MICHIGAN CITY, IND.—Lake Cities Electric Ry. Co. 4 m, 4-8 1/2 g, 22 lb flat & T r, 5 c, 15 h. Laclede cars. Pres. R. B. Harrison, Sec. I. Wallace, Jr., Man. F. H. Root. Capital, \$200,000. Eastern office, 1 Broadway, New York. 5 3

MIDDLETOWN, CONN.—Middletown Horse R. R. Co. 3 1/2 m, 4-8 1/2 g, 36 & 38 lb Johnson & T r, 7 c, 40 h. Pres. John M. Douglas, V. Pres. A. C. Allison, Sec. & Treas. J. K. Guy, Gen. Man. & Supt. E. W. Decker. Capital, \$23,000; authorized, \$50,000. Office 265 Main st. 9 3

MIDDLETOWN, O.—Middletown & Madison St. R.R. Co. 2 m, 4-8 1/2 g, 45 lb girder r, 6 c, 6 h. Pres. C. F. Gunckel, Sec. & Treas. E. W. Gunckel, Supt. D. L. Sulphin. Capital \$40,000. 5 3

MILFORD, MASS.—Milford & Hopedale St. Ry. Co. Elec. 6 m, 4-8 1/2 g, 30 & 60 lb tram r, 6 1/2 wheel box c., Hopedale storage battery system. Pres. & Gen. Man. E. P. Usher, Treas. A. G. Morse. Capital \$60,000. Bonds, \$60,000. Office, 23 Court st, room 618 9 2

MILLEDGEVILLE, GA.—Milledgeville & Asylum Dummy Line R. R. 4 m, 4 8 1/2 g, 30 lb r, 2 c motors. Pres. W. W. Lumpkin. Capital, \$25,000. 1 8 0

MILLERSVILLE, PA.—Lancaster & Millersville St. R.R. Co. (See Lancaster, Pa.)

MILWAUKEE, WIS.—Milwaukee Electric Ry. Co 13 m, 4-8 1/2 g, 45 lb girder r, 23 c, of which 13 are m c and 10 t c. T-H and Edison systems. St. Charles cars. Allis engines. Receiver, G. J. Melms. Capital \$500,000. Office 375 Milwaukee St. 1 5 3

Milwaukee St. Ry. Co. (Includes Milwaukee & Whitefish Bay.) Elec. 84 m, 4-8 1/2 g, 70 lb girder r, 155 m. c. T-H and Edison systems. Pres. W. N. Cromwell, V. Pres. & Gen. Man. H. C. Payne, Sec. & Treas. C. A. Spofford, Asst. Sec. G. O. Wheatcroft, Gen. Supt. G. W. Hommel, Asst. Supt. G. M. Krimmerlein, Supt. of repairs, A. W. Lynn, Auditor, W. L. Mason, Station Engr. R. S. Stikeman. 5 3

Milwaukee & Wauwatosa Electric Co. 12 m, 4-8½ g, 65 lb girder r, 4 m c. Edison system. Pres. C. Stickney, Sec. & Treas. G. Pabst, Gen. Man. E. D. Hoyt. Capital \$75,000. Office 917 Chestnut st. 11 2

Milwaukee & Wauwatosa Motor Ry. Co. Steam. 12 m, 4-8½ g, 56 lb girder r, 9 c, of which 3 are steam and 6 t c. Pres. J. Petley, V. Pres. J. W. Bingham, Sec. & Treas. A. B. Meyers, Supt. H. Mortimer. Capital, \$300,000. Office, 371 Broadway. 9 3

West Side St. Ry. Co. Elec. 21 m, of which 2 are horse and 19 elec. 4-8½ g, 63 lb girder r, 61 c, of which 2 are h c, 34 m c and 25 t c. 33 h. Edison system. Jones cars. Allis engines. Pres. Washington Becker, Sec. Thos. J. Durnin, Supt. A. McNaughton. Office 200 Grand ave. 5 3

MINNEAPOLIS, MINN.—Twin City Rapid Transit Co. Elec. (Includes Minneapolis St. Ry. and St. Paul City Ry.) Minneapolis Division. 127 m, 4-8½ g, 47, 60, 78 lb T & girder r, 500 c, of which 300 are m c, and 200 t c. Edison and T-H systems. Pres. Thos. Lowry, V. Pres. C. G. Goodrich, Treas. M. B. Koon, Gen. Man. W. J. Held, Supt. B. W. Martindale, Mast. Mech. W. Cooper. Capital, \$5,000,000. Office, 200 3d ave. N. 5 3

St. Paul Division 120 m, of which 10 are cable and 110 elec. 4-8½ g, 40-76 lb Johnson girder & T r, 265 c, of which 38 are g c, 110 m c and 117 t c. Edison and T-H systems. Allis engines. Capital \$5,000,000. Office Globe Bldg, 4th St. 5 3

MOBILE, ALA.—Mobile St. Ry. Co. Elec. 31 m, 35-68 lb T & girder r, 73 c, of which 65 are 4-wheel box and 8 8-wheel box, 2 h, 270 mu. Pres. J. Stillman, V. Pres. F. J. Gasquet, Sec. W. S. Bogert, Treas. & Gen. Man. R. Semmes, Elec. & Engr. J. F. McAviney. Capital, \$500,000. Office, Anthony and Royal Sts. 1 3

Mobile Light & Ry. Co. 7½ m, 4-8½ g, 45 lb T r, 20 c, of which 9 are m c and 11 t c. T-H and Westinghouse systems. Brill and Stephenson cars. Pres. J. Wilson, V. Pres. & Gen. Man. J. H. Wilson, Sec. A. J. Peaper. Capital, \$500,000. 9 3

MOHAWK, N. Y.—Mohawk & Ilion Horse R.R. Co. 1½ m, 4-8½ g, 30 lb flat & T r, 5 c. (Cars towed by contract.) no n. Pres. J. B. Rafter, V. Pres. C. W. Carpenter, Sec. H. D. Alexander, Treas. R. M. Devendorf. Capital, \$15,000. 5 3

Herkimer & Mohawk St. Ry. Co. 1½ m, 4-8½ g, 30-40 lb T r, 4 c, of which 3 are 4-wheel box and 1 4-wheel open, 8 h. Pres., Treas. & Man. H. D. Alexander, V. Pres. H. Delmel, Sec. E. L. Prince. Capital \$17,000; authorized \$20,000. Office Mohawk, N. Y. 5 3

MOLINE, ILL.—Moline Central St. Ry. Co. Elec. 4 m, 4-8½ g, 35, 50 & 57 lb T & Wharton girder r, 8 c, of which 4 are m c, and 4 t c. Edison and Westinghouse systems. Pres. & Gen. Man. S. H. Velle, V. Pres. L. S. McCabe, Sec. E. H. Guyer, Treas. C. F. Hemenway, Supt. G. H. Moon. Capital \$35,000; authorized \$100,000. Bonds \$17,500; authorized \$48,000. Secretary's office, Rock Island, Ill. 8 3

MONTEREY, CAL.—Monterey & Pacific Grove St. Ry. & Elec. Pow. Co. 5 m, 3-6 g, 20 lb T r, 8 c, 45 h. Fitzgerald cars. Pres. O. S. Trimmer, V. Pres. H. A. Greene, Sec. & Gen. Man. J. Malarin, Treas. J. S. Metteer, Supt. A. J. Haynes. 9 3

MONTGOMERY, ALA.—Montgomery Terminal & St. Ry. Co. 10½ m, 4 g, 30, 42 & 56 lb c b & T r, 22 c, 139 mu, 1 dummy engine. Pres. J. W. Dimmick, V. Pres. John D. Roquemore, Sec. J. C. Virden, Treas. G. W. Craik, Gen. Man. E. L. Coolahan. Office, Madison ave. & Bainbridge st. 1 2

Montgomery & Cloverdale Electric Ry. Co. 7 m 4-8½ g, 45 lb T & 51 lb girder r, 7 m c. T-H system. Pres. A. W. Le Bron, V. Pres. & Gen. Man. F. B. Pickering, Sec. H. E. Heller, Treas. R. P. Dexter. Capital, \$350,000. Bonds, \$350,000. 11 2

West End & Riverside Park Electric St. Ry. Co. 4 m, 4-8½ g, 56 lb girder & T r. Westinghouse system. Brill cars. Westinghouse engine. 8 3

MONTREAL, CAN.—Montreal St. Ry. Co. Elec. 59.35 m, of which 47.35 are horse & 12 elec. 4-8½ g, 44 lb r, 200 c, 100 sleighs, 75 buses, 1200 h. Royal, Edison and Westinghouse systems. Pres. L. J. Forget, Sec. & Treas. E. Lusher, Supt. J. J. Franklin, Engr. & Acting Man., G. C. Cunningham. Capital authorized \$2,000,000. Bonds, \$300,000; authorized, \$1,000,000. 11 2

Montreal Park & Island Ry. Co. Elec. 8 m, 4-8½ g, 56 lb T r. Pres. L. Beaubien, V. Pres. J. R. Thibaudeau, Sec. M. Perault, Gen. Man. W. S. Williams. Capital authorized, \$500,000. Office, 17 Place d'Armes Hill. 7 3

Royal Electric Co. 1 m c. Short system. 5 2

MT. CLEMENS, MICH.—Mt. Clemens St. Ry. Co., Ltd. 8½ m, 4-8½ g, 35 lb tram r, 5 c, 12 h. Jones and Stephenson cars. Pres. M. L. Williams, Sec. G. A. Skinner, Treas. & Gen. Man. M. Slush. Capital, \$325,000. General office, Berea, O. 9 3

MT. VERNON, N. Y.—Mount Vernon & East Chester Ry. Co. 4 m, 4-8½ g, 48 lb c. b. r, 14 c, 33 h. Pres. C. Strauss, Sec. W. H. Martens, Treas. D. O'Brien, Supt. J. H. Small. Capital, \$60,000. Bonds \$75,000 1 3

MUNCIE, IND.—Muncie St. Ry. Co. (Owned by Citizens' St. Ry. Co.) 8 m steam 4-8½ g, 35 lb T r, 14 c, 4 steam motors. Baldwin and Porter motors. 5 3

Citizens' St. Ry. Co. Elec. 6 m, 4-8½ g, 48-60 lb T r, 16 c, of which 12 are m c. and 4 t c. Gen. Elec. system. St. Louis cars. Ide engines. Pres. J. S. Talley, V. Pres. J. W. Landrum, Sec. G. F. McCulloch, Treas. C. F. Miller, Gen. Man. & Supt. W. C. Gotschall. Capital, \$250,000. 6 3

MUSCATINE, IA.—Muscatine Electric Ry. Co. 7½ m, 4-8½ g, 48 lb T r, 7 c of which 5 are m c and 2 t c. Gen. Elec. system. American Car Co. Ideal engines. Pres. G. W. Seevers, Sec. & Treas. H. W. Seevers, Gen. Man. T. S. Seevers. Capital, \$300,000. 9 3

MUSKEGON, MICH.—Muskegon Ry. Co. Elec. 15 m, 4-8½ g, 30, 38 lb T & girder r, 33 c, of which 18 are m c and 15 t c. Short system. Pres. F. A. Nims, V. Pres. J. W. Moon, Sec. R. A. Fleming, Treas. Wm. B. McLaughlin, Supt. F. W. Thompson. Capital \$100,000. Office, Michigan and Franklin Sts. 2 3

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NANTUCKET BEACH, MASS.—Nantucket Beach St. Ry. Co. 2½ m, 5-8½ g, 35 lb T r, 2 c, 11 h. Pres. H. H. Pratt, Sec. and Treas. J. F. Simmons, Gen. Man. & Supt. T. G. Macy. Capital \$30,000. Office, 55 Equitable Bldg, Boston. 9 2

NASHUA, N. H.—Nashua St. Ry. Co. 10 m, 3 g, 35, 38 lb T, tram & girder r, 27 c, 100 h. Pres. G. H. Knowles, V. Pres. J. A. Fisher, Sec. & Treas. J. D. Chandler, Supt. H. F. Webster. Office 85 Kinsley st. 5 3

NASHVILLE, TENN.—United Electric Railway 52 m, 5 g, 35, 45 lb T & girder r, 69 m c. Edison, T-H & Westinghouse systems. Pres. T. W. Wrenne, V. Pres. I. T. Rhea, Sec. & Treas. G. W. Cunningham, Gen. Man. E. G. Connette. Capital, \$1,000,000. 5 3

Citizens' Rapid Transit Co. Elec. 5 m, 4-11½ g, 40, 45 lb T & girder r, 5 m c. Edison system. Stephenson cars. Pres. W. H. Mitchell, Sec. & Treas. & Gen. Man. Wm. S. Jones. Capital stock \$18,000. Bonds \$75,000. 1 3

Nashville, Elec. Lt. & Power Co. 7 m c. Detroit system. 5 2

Nashville & West Nashville St. Ry. Co. Dummy Line, 7 m, 4-8½ g, 46 lb T & Johnson r, 8 c, 4 engines. Pres. L. H. Davis, V. Pres. M. S. Cockrill, Sec. J. Woods, Jr. Capital, \$81,000. 11 2

Overland Ry. Co. 9½ m of which 3 are steam and 6½ elec. 4-11½ g, 35-45 lb T & girder r, 12 c, of which 7 are m c and 5 t c 5 dummies. T-H system. St. Louis cars. Pres. & Gen. Man. F. W. Hunter, V. Pres. J. Compton, Sec. & Treas. T. Taylor, Supt. J. K. Spicer. Capital, \$125,000. Bonds, \$310,000. 9 3

Richland Ry. Co. Steam. 7 m, 4-8½ g, 46 lb girder & T r, 8 c. Brill cars. Baldwin engines. Pres. L. H. Davis, V. Pres. W. S. Settle, Sec. & Treas. J. Woods, Jr. Capital, \$89,300; authorized, \$100,000. Office, 217 Union St. 9 3

NATCHEZ, MISS.—Natchez St. Ry. Co. 5 m 4-8½ g, 25-52 lb girder, flat & T r, 7 c, 20 mu. Pres & Supt. Maurice Moses, Sec. & Treas. A. Moses. Capital, \$25,000; authorized, \$100,000. Office Natchez Savings Bank. Main & Pearl sts. 9 3

Bluff City Ry. Co. 2 m, of which 800 ft. 15 Incline plane, 6-2 g, Incline 3-6 g, remainder 24 c, 1 h, 4 mu. Pres. S. E. Rumble, V. Pres. R. C. Learned, Sec. T. V. Wensel, Gen. Man. & Supt. F. L. Rumble. Capital \$100,000. Office, Main and Broadway. 6 3

NATICK, MASS.—Natick & Cochituate St. Ry. Elec. 3 m, 4-8½ g, 35 lb T & flat r, 7 c, of which 5 are m c and 2 t c, 1 h. Westinghouse system. Pres. H. Harwood, Clerk F. H. Hayes, Treas. W. H. Bent, Supt. Geo. F. Keep. Capital, \$31,500. 6 3

Natick Electric St. Ry. Co. 6 m, 4-8½ g, 45 lb T r 9 m c. T-H & Short systems. Pres. A. C. Pond, Sec. & Treas. T. T. Robinson, Supt. H. W. True. Capital \$60,000. 11 2

NEBRASKA CITY, NEB.—Nebraska City St. Ry. Co. 3½ m, 4-8½ g, 20, 40 & 45 lb Johnson & T r 4 c, 10 h, 16 mu. Pres. & Gen. Man. H. H. Bartling, V. Pres. W. A. Cotton, Sec. J. C. Watson, Treas. W. L. Wilson. Capital, \$17,500; authorized \$50,000. 11 2

NEENAH, WIS.—Menasha & Neenah St. Ry. Co. 4 m, 4-8½ g, 35 lb tram r, 2 c, 10 h. Pres. & Treas. F. Schumacher, Sec. C. Griggs, Gen. Man. T. Schumacher. Capital, \$125,000; authorized \$300,000. Bonds, \$25,000. 9 3

NEGAUNEE, MICH.—Negaunee & Ishpeming St. Ry. Co. 4 m c. T-H system. 12 2

NEW ALBANY, IND.—New Albany Ry. Co. 7 m, 4-10½ g, 25 lb T r, 30 c, of which 23 are box & 7 open, 82 mu. Pres. H. B. Young, Sec. & Treas. W. C. Crane, Supt. Geo. Hines. Capital, \$30,000. Bonds \$150,000. a 3 1

Highland R.R. Co. 2 m, 3 m c. Edison system. 7 2

NEW BEDFORD, MASS.—Union St. Ry. Co. Elec. 18 m, of which 13 are horse and 5 elec. 4-8½ g, 38-80 lb girder & T r, 84 c, of which 64 are h c, and 20 m c, 229 h. T-H system. Pres. & Gen. Man. A. P. Smith, V. Pres. J. Irvine, Sec. & Treas. W. H. Allen. Capital \$280,000. Bonds, \$100,000. Office, Five Cent Savings Bank Bldg. Purchase St. 9 3

Dartmouth & Westport St. Ry. Co. Pres. F. W. Brightman, V. Pres. A. P. Smith, Treas. J. A. Beauvais. n 4 3

NEW BRITAIN, CONN.—Central Ry. & Electric Co. 12 m, 4-8½ g, 56 lb T r, 18 c, of which 16 are m c and 2 t c. Gen. Elec. system. Brill cars. Allis & Harrisburg engines. Pres. A. M. Young, Sec. C. S. Landers, Treas. F. G. Platt. Gen. Man. Supt. E. S. Bred, Capital, \$1,000,000. 9 3

NEW BRUNSWICK, N. J.—New Brunswick City Ry. Co. 4½ m, 4-8½ g, 43 lb c. h. & girder r, 13 c, 45 h. Pres. H. Congar, V. Pres. A. Le Massena, Jr., Sec. & Treas. W. B. Price, Supt. W. F. Price. Capital \$100,000. Bonds, \$25,000. Office, Sanford st. 6 3

NEW CASTLE, PA.—New Castle Electric St. Ry. Co. 2½ m, 4-8½ g, 45½-66 lb girder r, 4 m c. T-H & Westinghouse systems. New Castle cars. Pres. T. W. Phillips, V. Pres. & Gen. Man. W. M. Brown, Sec. & Treas. S. S. Hamilton, Supt. L. D. McClusky. Capital stock, \$40,000. 9 3

NEW DECATUR, ALA.—Decatur St. Ry. Co. 5 m, 4-8½ g, 20 lb T r, 5 4-wheel box c, 32 mu. Pres W. W. Hedges, V. Pres. A. C. Hartshorne, Sec., Treas & Gen. Man. W. A. Bibb. Capital, \$100,000. 8 3

NEW HAVEN, CONN.—Fair Haven & Westville R. R. Co. 12 m, 4-8½ g, 50 lb T & c b r, 63 c, 355 h. Pres. H. B. Ives, Sec. & Treas. L. Candee, Supt. Walter A. Graham. Capital, \$400,000. Office 730 Chapel st. 9 3

New Haven & Centreville Horse R.R. Co. 2½ m 4-8½ g, 46 lb c h r, 16 c, 62 h. Pres. & Gen. Man. C. Pierpont, Supt. T. R. Hull. Capital \$31,000; authorized \$40,000. Office, 1 Broadway. 9 3

New Haven & Morris Cove Ry. Co. Elec. 4½ m, 4-8½ g, 50 lb T r, 6 m c. Short system. Pres. J. M. Townsend, Sec. & Treas. J. M. Townsend, Jr. Gen. Man. J. J. Lawton. Office, 16 Exchange Bldg. 11 2

State Street Horse R.R. Co. (Includes Whitney Avenue.) 6½ m, 4-8½ g, 42-50 lb T & c b r, 18 c, 56 h. Pres. D. Correy, V. Pres. C. A. Warren, Sec. & Treas. G. A. W. Dodge. Capital \$70,000; authorized \$100,000. Office, 16 Exchange Bldg. 5 3

Winchester Ave. R. R. Co. (Owns and operates New Haven & West Haven R.R.) Elec. 14 m, of which 2 are horse and 12 elec. 4-8½ g, 50, 56, 60 lb T r, 60 c, of which 3 are horse, 48 m c and 9 t c. 30 h. Short & Westinghouse systems. Jones, Lewis & Fowler, Newburyport and Stephenson cars. Westinghouse engines. Pres. A. C. Pond, Sec. & Treas. & Gen. Man. I. A. Kelsey, Supt. A. E. Pond. Capital, \$40,000; authorized, \$60,000. In addition to \$100,000 of New Haven & West Haven road. Bonds, \$500,000. 5 3

NEW LONDON, CONN.—New London St. Ry. Co. Elec. 8 m, 4-8½ g, 48 lb T r, 12 m c. T-H system. Newburyport cars. Pres. E. P. Shaw, Sec. W. Learned, Treas. W. A. Tucker, Gen. Man. E. P. Shaw, Jr., Supt. L. Bentley. Capital, \$50,000. 9 3

NEW ORLEANS, LA.—Canal & Claiborne R. R. Co. 13½ m, 5-2½ g, 37 45 & 50 lb tram & girder r, 40 box c, 20 mu. Pres. E. J. Hart, Sec. Gen. Man. & Supt. Jos. H. DeGrange. Capital, \$240,000. Bonds \$150,000. Office 6 Camp st. 5 3

Algiers & Gretna Ry. Co. 3.75 m, 3 g, 30 lb T r, 4 c, 24 h. Stephenson cars, Pres. Gen. Man. & Supt. W. Halliday, Sec. & Treas. W. Royal. Capital \$25,000. Bonds \$25,000. Office Canal St. Ferry. 6 3

Crescent Traction Co. (Operated by New Orleans Traction Co.) Elec. 26 m. 5-2½ g, 35-47 lb c. o. & T r, 25 m c. T-H system. Pres. H. M. Littell, Sec. & Treas. A. H. Ford, Supt. B. B. Gilman. Capital, \$1,150,000; authorized, \$2,000,000. Bonds, \$140,000. 5 3

New Orleans & Carrollton R. R. Co. Elec. 19 m, 4-8½ g, 60, 70 lb T & girder r, 70 m c. T-H system. St. Louis cars. Lane & Bodley Corliss engines. Pres. J. N. Avegno, Sec. & Treas. Walter V. Crouch, Gen. Man. & Supt. Chris. V. Haite. Capital \$1,200,000. Bonds \$600,000. Office Jeannette and Dublin Sts. 6 3

New Orleans City & Lake R.R. Co. 66 m, 5-2½ g, 42, 46 lb flat & T r, 218 c, of which 182 are h c and 36 steam coaches, 7 locomotives, 867 mu. Pres. H. M. Littell, Sec. & Treas. A. H. Ford, Supt. B. B. Gilman. Capital, \$1,500,000. Office 102 Canal st. 5 3

New Orleans Traction Co. (operates Crescent City and New Orleans City & Lake Rys.) Pres. W. J. Henning, Sec. & Treas. H. Selgman, Gen. Man. H. M. Littell. 3 3

Orleans R.R. Co. 9½ m, 5 g, 35-40 lb T r, 32 c, 125 h, 30 mu. Pres. & Supt. B. Beaubay, Sec. & Treas P. Cougot. Capital \$185,000. Authorized \$500,000. Bonds \$21,000. Office, cor. White & Laharpe sts 10 1

St. Charles St. R. R. Co. Operates 3 lines. 11½ m 5-2½ g, 40 lb s b r, 66 4-wheel box c, 34 h, 238 mu. Stephenson cars. Pres. & Supt. Alden McLellan, Sec. N. Riviere. Capital, \$594,350; authorized \$600,000. Bonds \$120,000. Office, cor. Carondelet & 8th sts. 6 3

NEW ROCHELLE, N. Y.—New Rochelle Ry. & Transit Co. 8 m, 4-8½ g, 38 lb Johnson r, 14 c, of which 10 are 4-wheel box & 4 4-wheel open, 40 h. Pres. Thos. E. Crimmins, Sec. & Treas. C. Strauss Supt. Frank Ryan. 3 2

NEW WESTMINSTER, B. C.—New Westminster & Vancouver Vranway Co. 18 m, 4-8½ g, 40 lb T r, 11 m c. Edison system. Pres. D. Oppenheimer, V. Pres. B. Dougas, Treas. L. N. Smith, Traffic Man G. F. Gibson. Capital, \$1,000,000. Office, Columbia st. 1 2

NEW WHATCOM, WASH.—Bellingham Bay Electric Ry. Co. 4 m, 4-8 1/2 g, 50 lb T r, 6 c, of which 4 are m. c. and 2 t. c. Pres. H. Eldridge, V. Pres. & Supt. E. Cosgrove, Sec. E. B. Leaming, Treas. V. A. Roeder, Gen. Man. M. McCurdy. Capital, \$200,000. 12 2

Lake Whatcom Electric Ry. Co. 8 m. c. T-H system. 12 2

NEW YORK, N.Y.—Broadway & Seventh Ave. R.R. Co. (Leased to Metropolitan St. Ry. Co.) 23 m, of which 10 are cable, 4-8 1/2 g, 47-60 lb r, 227 c, Laclede and Stephenson cars. Penna. Iron Works engines. Pres. H. H. Vreeland, V. Pres. D. B. Hasbrouck, Sec. C. E. Warren, Treas. H. S. Beattie, Supt. Henry A. Newell, Engr. G. W. McNulty. Capital, \$2,000,000. Bonds, \$2,200,000. Gen. Office, 761 7th Ave. Engineer's Office, 113 W. 38th st. 7 3

Central Crosstown R. R. Co. (Includes Christopher & Tenth St.) 11.7 m, 4-8 1/2 g, 52 lb r, 157 box c, 846 h Pres. Geo. S. Hart, V. Pres. A. Cammack, Sec. Milton I. Masson, Treas. E. Burton Hart. Office, 170 Christopher st. Capital, \$600,000. Bonds, \$250,000. 7 2

Central Park North & East River R.R. Co. (Leased to Metropolitan Crosstown Ry. Co.) 26 m, 4-8 1/2 g, 60 lb r, 196 c, of which 136 are box and 60 open, 1,157 h. Pres. G. H. Scribner, V. Pres. D. B. Hasbrouck, Sec. & Treas. J. R. Cumming, Supt. J. Sittler. Office, 789 Tenth Ave. Capital, \$1,800,000. Bonds, \$1,200,000. 7 3

Christopher & Tenth St. R. R. Co. (Leased to and operated by Central Crosstown R. R. Co.) Pres. J. Downey, V. Pres. I. Hendrix, Sec. & Treas. Geo. W. Linch. 6 3

Dry Dock, East Broadway & Battery R.R. Co. 18 1/2 m, 4-8 1/2 g, 181 c, 60, 90 lb c b & girder r. Pres. William White, Sec. & Treas. J. Byrns, Auditor E. T. Landon, Supt. Fred F. White. Capital, \$1,200,000. Bonds, \$840,000. Office, 605 Grand st. 9 3

Eighth Ave. R.R. Co. 20 m, 4-8 1/2 g, 60 lb r, 165 c of which 125 are box and 40 open, 1,155 h. Pres. Geo. Law, V. Pres. Jacob Hays, Sec. & Treas. James G. Affleck, Supt. E. R. Sherman. Capital, \$1,000,000. Bonds \$1,000,000. Office, Eighth Ave. & 50th st. 6 2

Forty-second Street & Grand Street Ferry R.R. Co. (Leased to Metropolitan Crosstown Ry. Co.) 10.25 m, 4-8 1/2 g, 60 to 64 lb r, 72 c, of which 52 are box and 20 open, 480 h. Pres. H. H. Vreeland, V. Pres. D. B. Hasbrouck, Sec. C. E. Warren, Treas. H. S. Beattie. Capital, \$748,000; authorized, \$750,000. Bonds, \$236,000. Office, 653 W. 42d st. 7 3

Forty-second St., Manhattanville & St. Nicholas Avenue Ry. Co. 19.82 m, 4-8 1/2 g, 47-60 lb r, 91 c, 838 h. Pres. John S. Foster, Sec. C. F. Naething, Treas. Jacob Fleischhauer, Supt. S. M. Sisson. Capital \$2,500,000. Bonds, \$2,725,000. Office, 118 E. 42 st. 7 2

Metropolitan St. Ry. Co. (Includes Chambers St. & Grand St. Ferry R. R. Co., Broadway R. R. Co., and South Ferry R. R. Co., also operates Broadway & Seventh Ave., Sixth Ave., Ninth Ave. and 23d St. Rys.) 13 m, owned, 23 m, leased, 4 8 1/2 g, 60 lb c b r, 45 box c, 870 h. Pres. H. H. Vreeland, V. Pres. D. B. Hasbrouck, Sec. E. C. Warren, Treas. H. S. Beattie. Capital, \$8,200,000. Bonds, \$500,000. Office, 415 E. 10th st. President's office, 761 7th Ave. 7 3

Metropolitan Crosstown Ry. Co. (Operates 42d St. & Grand St. Ferry R.R. and Central Park, North & East River R.R.) 4-8 1/2 g, 60 lb girder r, 30 c. Pres. H. H. Vreeland, V. Pres. D. B. Hasbrouck, Sec. C. E. Warren, Treas. H. S. Beattie. Capital, \$300,000. Bonds, 1st mtg., \$500,000; 2d mtg., \$300,000. 7 3

Metropolitan Traction Co. (controls Broadway & Seventh Avenue, Metropolitan St. Ry., Ninth Avenue, Sixth Avenue, and 23d Street railways, which are operated by the Metropolitan St. Ry. Co. Also controls Metropolitan, Crosstown, Central Park, North & East River, and 42d Street & Grand Street Ferry Rys., which are operated by Metropolitan Crosstown R. R. Co.) Pres. J. D. Crimmins, V. Pres. D. B. Hasbrouck, Sec. C. E. Warren, Treas. Thos. F. Ryan. Capital, \$30,000,000. 7 3

New York & Harlem R.R. Co. 17 1/2 m, 4-8 1/2 g, 47, 60 75 lb r, 185 box c, 1,680 h. Pres. C. Vanderbilt, V. Pres. C. A. Clarke, Sec. & Treas. Ed. V. W. Rossiter, Supt. Alfred Skitt, Pur. Agt. A. Bourne. Capital, \$10,000,000. Bonds, \$12,000,000. Office, Grand Central Depot 6 3

Ninth Ave. R.R. Co. (Leased to Metropolitan St. Ry. Co.) 16 m, 4-8 1/2 g, 45 & 60 lb T r, 60 c, of which 40 are 4-wheel box and 20 4-wheel open, 542 h. Pres. Geo. Law, V. Pres. Jacob Hays, Sec. & Treas. J. G. Affleck. Capital \$300,000. No bonds. Offices 814 Ninth Ave. 7 3

North & East River R.R. Co. 3 m, 4-8 1/2 g, 45 lb s-b r, 12 c, 75 h. V. Pres. E. T. McLaughlin, Sec. F. C. Gaffney, Treas. T. F. Carney, Supt. W. Farrell. Capital, \$300,000. Bonds, \$125,000. Office, 232-4 Front St. 6 3

Second Ave. R.R. Co. 23 m, 4-8 1/2 g, 60 lb r, 337 c, of which 169 are box and 168 open, 1938 h. Pres. G. S. Bart, V. Pres. C. F. Cox, Sec. J. B. Underhill, Treas. H. E. Doremus. Capital \$1,560,000, authorized \$2,500,000. Bonds \$1,750,000. Office Second ave. cor. 96th st. 6 3

Sixth Ave. R.R. Co. (Leased to Metropolitan St. Ry. Co.) 9 1/2 m, 4-8 1/2 g, 60 lb r, 122 c, of which 102 are box and 20 open, 925 h. Pres. Frank Curtiss, Sec. & Supt. E. H. Garrison. Capital \$1,500,000. Bonds, \$500,000. Office 758 6th ave. 7 3

Third Ave. R.R. Co. 28 1/2 m, of which 11 1/2 are cable and 16 1/2 horse, 4-8 1/2 g, 60 lb r 401 c, of which 336 are h c & 65 g c; 1750 h. Pres. A. J. Elias, V. Pres. Henry Hart, Sec. Alred Lazarus, 136 W. 61st st. Treas. J. Beaver, 310 E. 124th st.; Supt. John H. Robertson, 138 E. 66th st.; Mech. Engr. of 10th ave. and 125th st. C. G. Bilss. Capital, \$7,000,000. Bonds \$5,000,000. Office, 65th St. & Third ave. 6 3

Twenty-third St. Ry. Co. (Leased to Metropolitan St. Ry. Co.) 14 1/2 m, 4-8 1/2 g, 50 lb c b & tram r, 101 c, 946 h. Brill, Jones, Lewis & Fowler, Pullman and Stephenson cars. Pres. H. H. Vreeland, V. Pres. D. B. Hasbrouck, Sec. C. E. Warren, Treas. H. S. Beattie. Capital, \$600,000. Bonds, 400,000; Broadway Surface Bonds, \$375,000. Office, 621 West 23d st. 7 3

Twenty-eighth & Twenty-ninth sts. R. R. Co. 9.13 m, 4-8 1/2 g, 60 lb steel grooved r, 40 c. Pres. J. H. Crane, V. Pres. D. D. Conover, Sec. D. J. Appgar Treas. J. H. Davis. Capital \$500,000. Bonds, \$500,000. Office, 45 William st. 9 3

Union Ry. Co. of New York City. Elec. 24 m, 4-8 1/2 g, 72 1/2 lb girder r, 90 m c. T-H system. Pres. & Gen. Man. E. A. Maher, V. Pres. C. A. Stadler, Sec. & Treas. T. W. Oicott, Supt. J. Carrigan. Capital, \$2,000,000. Bonds, \$2,000,000. Office, 2389 3d ave. 9 3

NEWARK, N. J.—Newark Passenger Ry. Co. (Includes Rapid Transit Ry. and controlled by New Jersey Traction Co.) 75 m, of which 45 are horse and 30 elec, 5-2 1/2 g, 50, 57 & 60 lb tram & girder r, 277 c, of which 200 are h. c. and 77 m. c, 300 h, T-H and Edison systems. Office, Prudential Building. 9 2

Newark & S. Orange, St. Ry. Co. Elec. 13 m, 5-2 1/2 g, 90 lb girder r, 30 m c. Westinghouse system Pres. E. S. Ward, V. Pres. G. Kreuger, Sec. & Treas. W. Scheerer, Gen. Man. & Supt. A. Radel. Capital \$1,500,000. Bonds, \$1,500,000. Office S. Orange Ave and S. 19th st. 1 3

New Jersey Traction Co. (Controls Newark Passenger and Jersey City & Bergen railroads) Pres. V. Pres. D. Young, Act. Sec. T. H. Wentworth, Jr., Treas. E. N. Hill, Supt. D. W. Sharpe. 6 3

NEWARK, O.—Newark & Granville Elec. St. Ry. Co. (Includes Newark City Ry.) 13 m, 4-8 1/2 g, 30-51 1/2 lb T & girder r, 22c, of which 10 are m c & 12 t c. T-H and Edison systems. Gilbert & Lamokin Cars. Hamilton and Russell & Taylor engines. Pres. R. Scheidler, V. Pres. J. A. Flory, Sec. & Gen. Man. W. C. Christian, Treas. F. A. Crane, Supt. H. R. Scheidler. Capital, \$73,000. Authorized \$100,000. Bonds \$120,000. 9 3

NEWBURGH, N.Y.—Newburgh St. Ry. Co. 5 m 4-8 1/2 g, 40 lb T r, 13 c, of which 11 are box and 2 open 72 h. Pres. M. H. Hirschberg, V. Pres. J. C. Adams Sec. & Treas. Wm. Moores, Gen. Man. & Supt. W. P. Rayland. Office, 246 Broadway. 6 3

NEWBURYPORT, MASS.—Newburyport & Amesbury St. R. R. Co. Elec. 19,534 m, 4-8 1/2 g, 35 & 40 lb T r, 37 c of which 20 are m c and 17 t c, 6 h T-H system. Pres. & Treas. Chas. Odell, Supt. C. F. Dennis. Capital, \$90,000. Bonds, \$350,000. Office, 32 Market sq. 9 3

NEWPORT, KY.—Cincinnati, Newport & Covington Ry. Co., Newport Division. (See Covington, Ky.)

NEWPORT, R. I.—Newport St. Ry. Co. Elec 4.17 m, 4-8 1/2 g, 45 lb T r, 15 c, of which 9 are m c and 6 t c. T-H system. Ellis and Newburyport cars. Pres. & Gen. Man. A. C. Titus, Sec. & Treas. Francis Burdick, Supt. R. Lee. Capital stock \$100,000; authorized, \$110,000. Bonds, \$50,000. Office, Spring & Franklin sts. 9 3

NEWTON, KAN.—Newton City St. Ry. Co. 6 m 3 g, 20 lb T r, 6 c, 24 h. Pres. Allen Moore, V. Pres J. M. Ragsdale, Sec. & Treas. W. G. Oldfield. Capital \$60,000. Not being operated. 9 2

NEWTONVILLE, MASS.—Newton & Boston St Ry. Co. Elec. 5 1/2 m, 4-8 1/2 g, 56 lb T r, 16 m c. T-H system. Trimble cars. Westinghouse engines. Pres. & Gen. Man. H. B. Parker, V. Pres. A. R. Mitchell, Sec. L. E. B. Smith, Treas. J. L. Richards, Supt. F. G. L. Henderson. Capital, \$100,000; authorized, \$250,000; Bonds, \$50,000. 9 3

NIAGARA FALLS, N. Y.—Niagara Falls & Suspension Bridge Ry. Co. Elec. 13 m, 4-8 1/2 g, 60 lb girder r, 23 c, of which 15 are m c and 8 t c. T-H system. Pres. C. B. Gaskill, V. Pres. H. L. Taylor, Sec. & Treas. Chas. B. Hill, Supt. J. C. Brewster. Capital, \$400,000; Bonds, \$400,000. 10 3

NIAGARA FALLS, ONT.—Niagara Falls, Wesley Park & Clifton Tramway Co. 4 m, 4-8 1/2 g, 30 & 45 lb T r, 10 c, of which 8 are 4-wheel box & 2 4-wheel open, 25 h. Pres. J. N. Mooney, Treas. John N. Hayward, Supt. C. Black. Capital \$50,000. 6 3

Niagara Falls, Park & River Ry. Co. Elec. 14 m, 4-8 1/2 g, 56 lb T r, 40 c, of which 24 are m. c. and 16 t c. T-H system. Pres. E. B. Osler, V. Pres. W. Hendrick, Sec. & Treas. R. A. Smith. Gen. Man. W. A. Grant. 6 3

NILES, O.—Mineral Ridge & Niles Electric Ry. Co. 3 1/2 m, 4-8 1/2 g, 45 lb T & girder r, 4 m c. Edison system. American cars. Allis engines. Pres. & Gen. Man. W. T. Williams, V. Pres. E. J. Ohl, Sec. & Treas. J. Wilshear, Supt. E. H. Bowan. Capital, \$50,000. 9 3

NORFOLK, NEB.—Norfolk St. Ry. Co. 2 1/2 m 4-6 g, 16 lb T r, 4 4-wheel box, 10 h. and 4 mu. Pres R. A. Stewart, V. Pres. Dr. A. Bear, Sec. N. A. Rainbolt, Treas. C. B. Burrows. Supt. F. H. Foye, Capital, \$51,000. Office, 400 Main st. 9 2

Norfolk St. Ry. Cons. Co., 2 m., 1 m. c. Edison system. 7 2

NORFOLK, VA.—Norfolk City R.R. Co. 5 1/2 m 5-2 g, 45, 50, 65 lb tram, girder & s b r, 32 c, 125 h. Pres. W. H. Taylor, Sec. & Treas. H. C. Whitehead Supt. Jas. J. Ferris. Capital, \$100,000; Bonds, \$125,000. Office, 125 Main st. 9 3

The Suburban & City Ry. & Improvt Co. 3 1/2 m, 5-2 g, 40 lb s. b. r, 15 c, of which 9 are 4-wheel box & 6 4-wheel open, 62 h. Pres. Jas. W. McCarrick, Sec. & Treas. H. C. Whitehead, Supt. E. W. Savage. Capital \$50,000. Bonds \$75,000. Office, 125 Main st. 9 3

NORRISTOWN, PA.—Citizens' Pass. Ry. Co. Elec. 4 m 5-2 1/2 g, 52 lb tram r, 4 m c. Curtis system Lewis & Fowler cars. Pres. John Slingluff, V. Pres. J. W. Shepp, Sec. Geo. R. Kite, Treas. G. Shannon, Gen. Man. G. W. Keim. Capital, \$80,000. 9 3

Norristown Pass. Ry. Co. 4 m, 5-2 1/2 g, 45 & 50 lb tram & girder r, 9 c, of which 8 are 4-wheel box and 1 4-wheel open, 28 h, 6 mu. V. Pres. C. Gallagher, Sec. & Treas. H. Freedley, Supt. Louis Heck. Capital, \$45,000. 7 1

NORTH ADAMS, MASS.—Hoosac Valley St. Ry. Co. Elec. 6 m, 4-8 1/2 g, 40 lb T & flat r 13 c, of which 7 are m c and 6 t c. T-H system. Brill and Newburyport cars. Fitchburg engines. Pres. & Treas. C. Q. Richmond, Gen. Man. & Treas. H. A. Fitzsimons Capital \$50,000. 9 3

NORTH TONAWANDA, N. Y.—Tonawanda Electric R. R. Co. 5 m, 4-8 1/2 g, 45 lb T & girder r, 8 c, of which 3 are m. c. and 5 t c. T-H system. Brill cars. Noye engines. Pres. E. H. Butler, V. Pres. M. Nellany, Sec. & Treas. C. M. Howard, Gen. Man. G. F. Smith, Supt. H. R. Wellman. Capital, \$125,000; authorized \$250,000. 3 3

Tonawanda St. R. R. Co. Elec. 3 1/2 m, 4-8 1/2 g, 56, 62 lb T & girder r, 5 m c. T-H system. Pres. & Gen. Man. G. P. Smith, Sec. A. J. Hathaway, Treas. G. C. Herschell. Capital \$250,000. Bonds \$40,000. Office, Main st., 4 3

NORTH WOBURN, MASS.—North Woburn St. Ry. Co. 7.5 m, 35, 48 lb tram & T r, 12 c, 53 h. Pres. A. F. Breed, Lynn, Mass., Sec. & Treas. D. H. Sweetser, Supt. W. L. Brockway. Capital \$100,000; authorized \$200,000. 2 3

NORTHAMPTON, MASS.—Northampton St Ry. Co. 3 1/2 m, 4 8 1/2 g, 35 lb T and tram r, 12 c, 69 h Pres. J. C. Hammond, Clerk J. A. Sullivan, Treas. N. D. Winter, Supt. E. C. Clark, Jr. Capital, \$150,000. 6 3

NORWALK, CONN.—Norwalk Horse R. R. Co 3 1/2 m, 4-10 g, 56 lb T r, 8 c, 43 h. Pres. J. D. Kinney, Sec. F. T. Brady, Supt. Edwin G. Hoyt. Capital \$50,000 5 3

Norwalk Tramway Co. Elec. 3 1/2 m, 4-8 1/2 g, 50 lb T r, 4 m c. Pres. G. N. McKibbin, Sec. G. W. Mansfield, Supt. G. M. Pierce. Capital \$70,000. Office South Norwalk. 10 3

NORWICH, CONN.—Norwich St. Ry. Co. 11 m, 4-8 1/2 g, 35, 45, 50 lb T r, 34 c, of which 21 are m c and 13 t c, 6 h. T-H system. Newburyport cars. Pres. C. P. Cogswell, Sec. Gen. Man. & Supt. E. P. Shaw, Jr., Treas. W. A. Tucker, Capital \$60,000. Bonds, \$100,000. 6 3

OAKLAND, CAL.—Consolidated Piedmont Cable Co. Elec. 24 m, of which 6 are horse, 13 cable and 5 elec. 3-6 & 5 g, 25 & 40 lb girder r, 52 c, of which 17 are h c, 25 g c, 5 m c and 5 t c, 120 h. Pres. E. A. Heron, V. Pres. J. L. Bradbury, Gen. Man. & Supt. H. F. Garthwaite. Capital, \$1,500,000; authorized, \$2,000,000. Bonds, \$600,000. 6 3

Central Avenue Ry. Co. Elec. 4 1/2 m, 3-6 g, 40 lb girder r, 8 m c. T-H system. Pres. W. Olney, Sec. W. Olney, Jr., Supt. D. Ruthertford. 5 2

East Oakland St. Ry. Co. Elec. 6 m, 4-8 1/2 g, 45 lb combination r, 11 m c. T-H system. Pres. E. C. Sessions, V. Pres. & Supt. E. P. Vandercook. Capital \$250,000. Office, 485 9th St. 6 3

Highland Park & Fruit Vale R. R. Elec. 5 1/2 m, 4-8 1/2 g, 45 lb girder & T r, 7 double deck m c. T-H system. Pres. E. C. Sessions, Sec. F. J. Woodward, Supt. J. E. Morris. Capital, \$500,000. 6 3

Oakland Consolidated St. Ry. Co. Elec. 30 m. 3-6 g, 40 lb combn. steel r, 28 m c. T-H system. Pres. G. W. McNear, V. Pres. J. E. McElrath, Sec. C. S. Houghton, Treas. 1st Nat. Bank, Supt. A. K. Grim, Capital, \$1,000,000. Bonds, \$500,000. Office 47th st & Grove. P. O. Box 126. 6 3

Oakland R. R. Co. (Owned by Southern Pacific Ry. Co. of San Francisco) Elec. 16.2 m, of which 5.2 are cable and 11 elec. 3 g, 40, 72 lb girder r, 32 c of which 12 are cable and 20 m c. T-H system. Supt. Geo. Y. Loring. Office, San Pablo and 20th sts. 6 3

Oakland, San Leandro & Hayward Ry. Co. Elec 25 m, of which 2 are horse and 23 elec. 3-6 g, 35, 40 lb T & combination r, 32 c, of which 2 h c and 30 m c. T-H system. Carter cars. Ball and McIntosh & Seymour engines. Pres. H. W. Meek, V. Pres. W. J. Landers, Sec. A. L. Stone, Treas. C. E. Palmer, Supt. F. M. Leland. Capital, \$500,000. Bonds, \$250,000. Office, 908 Broadway. 8 3

OGDEN CITY, UTAH.—Ogden City St. Ry. Co. Elec. 10 m, 4-8 1/2 g, 30 lb T r, 20 c, of which 12 are m c and 8 t c. Pres. H. M. Beardsley, V. Pres. H. M. Jarvis, Sec. & Supt. R. M. Spivey, Treas. S. L. Conklin. Capital, \$350,000. Office Power House, 1920 Washington Ave. 9 3

OGDENSBURG, N. Y.—Ogdensburg St. Ry. Co. 5 m, 4-8 1/2 g, 25 lb T r, 7 c, 19 h. Pres. W. H. Daniels, V. Pres. & Gen. Man. H. B. Howard, Sec. E. A. Newell, Treas. A. E. Smith. Capital, \$30,000. 9 3

OLEAN, N. Y.—Olean St. Ry. Co. 2.45 m, 3-6 & 4-8 1/2 g, 25-50 lb T r, 4 box c, 14 h. Pres. & Supt. John Fobes, V. Pres. C. S. Carey, Sec. & Treas. G. H. Strong. Capital, \$16,000. Office, 264 Union st. 11 2

OLYMPIA, WASH.—Olympia Light & Power Co. Elec. 4 m, 4-8 1/2 g, 40 lb T r, 5 m c. T-H system. Brill and Pullman cars. Pres. G. D. Shannon, V. Pres. R. Frost, Sec. & Gen. Man. A. H. Chambers, Treas. W. F. Newell, Supt. C. McClelland. Capital, \$250,000. Bonds \$150,000. Office 5th & Chestnut Sts. 9 3

West Side Ry. Co. 2 m, 2 m c. Edison system. 12 2

OMAHA, NEB.—Omaha St. Ry. Co. Elec. 85 m, of which 19 are horse 6 cable and 60 elec. 4-8 1/2 g, 35, 45, 58 1/2 lb T & girder r, 270 c of which 42 are h, c, 22 g c, 96 m c and 110 t c, 100 h. T-H, Edison and Westinghouse systems. American, Laclede, Pullman and Stephenson cars. Allis, Wright and Westinghouse engines. Pres. Frank Murphy, V. Pres. Guy C. Barton, Sec. D. H. Goodrich, Treas. W. W. Marsh, Gen. Man. W. A. Smith, Supt. F. A. Tuckers. Capital, \$5,000,000. Bonds, \$2,150,000. 9 3

Dundee Place Car Line. 1 1/2 m, 4-8 1/2 g, 35 lb T r 2 m c. Detroit system. Pres. E. W. Patrick, Man. W. A. Smith. 9 3

ONEIDA, N. Y.—Oneida Ry. Co. 3 m, 4-8 1/2 g, 47 lb c b r, 3 box c, 9 h. Stephenson cars. Pres. W. E. Northrup, Sec., Treas. & Gen. Man. H. C. Stone, Supt. G. Leggett. Capital, \$13,500; authorized \$15,000. 6 3

ONEONTA, N. Y.—Oneonta St. R. R. Co. 2 1/2 m 4-8 1/2 g, 35 & 38 lb T & flat r, 4 c of which 3 are 4-wheel box and 1, 4-wheel open, 12 h. Pres. & Supt. Geo. I. Wilber, V. Pres. D. F. Wilber, Sec. & Treas. T. D. Tallmadge, Jr. Capital \$20,000. 9 3

ONTARIO, CAL.—Ontario & San Antonio Heights Ry. Co. 8 1/2 m, 4-8 1/2 g, 30 lb T r, 24-wheel open c, 4 h. Pres. C. E. Harwood, V. Pres. & Gen. Man. C. Frankish, Sec. W. E. Collins. Capital \$150,000. 9 3

ORANGE, N. J.—Orange Crosstown and Bloomfield St. Ry. Co. 7 m, 5-2 g, 38 lb Johnson girder rail, 13 box c, 86 h. Pres. & Gen. Man. Francis M. Eppley, Sec. Thos. Marsh, Treas. Edw. A. Pearson Supt. J. Waller. Capital stock, \$60,000; bonds, \$60,000 1 3

Suburban Traction Co. 7 m, 5-2 g, 13 c. Stephenson cars. Pres. F. W. Child, Sec. A. W. Kissam, Treas. A. P. Foster, Supt. J. C. Cotton. Capital, \$1,500,000. Bonds, \$1,500,000. 10 3

Orange Mountain Cable Co. 8000 ft, 8 g, 56 lb. m. p. r, 2 c. Roebling engines. Pres. A. Z. Mason, V. Pres. & Gen. Man. F. W. Child, Sec. & Treas. A. W. Kissam, Supt. W. Congdon. Capital, \$350,000. Office Orange Nat. Bank Bldg. 6 3

ORANGEBURG, S. C.—Orangeburg St. Ry. Co. 2 1/2 m, 4-9 g, 40 lb T r, 6 c, 4 h, 6 mu. Pres. & Gen. Man. J. W. H. Dukes, V. Pres. N. H. Bull, Sec. & Treas. B. H. Moss. Capital, \$11,000. 1 2

ORLANDO, FLA.—Orlando St. Ry. 3 m, 4-9 g, 30 lb T r, 3 c, 10 mu. Pres. & Gen. Man. N. L. Mills, V. Pres. R. E. Green. Capital \$10,000; authorized \$50,000. 10 1

OSHKOSH, WIS.—Oshkosh St. R. R. Co. 8 1/2 m, 4-8 1/2 g, 30 lb tram r, 13 c, of which 10 are 4-wheel box & 3 4-wheel open, 57 h. Pres. Chas. Barber, V. Pres. J. H. Porter, Sec. & Treas. J. H. Jenkins, Gen. Man. & Supt. C. E. Montgomery. Office, 222 Main st. 9 3

OSKALOOSA, IA.—Oskaloosa St. Ry. & Land Co. 5 m, 4 g, 16, 40, 50 lb tram, T & girder r, 4 c, 14 h. Minneapolis and St. Louis cars. Pres. W. M. Peatman, Sec. C. Winter, Treas. W. G. Clark, Supt. J. M. Powell. Capital \$30,000. Office, 100 High Ave., West. 9 3

OSWEGO, N. Y.—Oswego St. Ry. Co. Elec. 7 m, 4-8 1/2 g, 51-72 lb T & girder r, 12 c, of which 7 are m c and 5 t c. T-H system. Pres. M. E. Graves, V. Pres. L. Clancy, Sec. W. A. Finneran, Treas. & Man. N. McGowan. Capital, \$125,000. Office, East First & Bridge sts. 6 3

OTTAWA, ILL.—Ottawa Electric St. Ry. 8 m 4-8 1/2 g, 56 lb girder r, 8 motor and 4 trailer, T-H system. Pres. T. J. Evans, Sec. & Treas. T. P. Bailey Gen. Man. H. A. Kin. Capital, \$100,000. 6 2

OTTAWA, ONT.—Ottawa Electric Ry. Co. 20 m 4-8 1/2 g, 52, 56 lb girder & T r, 45 m c, 3 snow plows, Westinghouse system. Brill and Wylie cars. Water power. Pres. J. W. McKrae, V. Pres. G. P. Brophy, Sec. & Treas. J. D. Fraser, Gen. Mans. Ahearn & Soper. Capital, \$367,000; authorized, \$500,000. Bonds authorized, \$500,000. Office, 337 Albert St. 5 3

OTTUMWA, IA.—Ottumwa Electric Ry. Co. 7.25 m, 4-8 1/2 g, 38 & 40 lb girder & T r, 12 c, of which 11 are m c and 1 t c. Gen. Elec. and Westinghouse systems. Pullman and St. Louis cars. Ball engines. Pres. & Gen. Man. W. R. Daum, V. Pres. J. B. Sax, Sec. T. H. Eaton, Treas. C. F. Blake, Supt. J. J. Jones, Ch. Engr. W. M. Evans, Supt. of Car Service, E. M. Campbell. Capital, \$300,000; authorized, \$500,000. Bonds, \$300,000. Office, 102 S. Market st. 6 3

OWENSBORO, KY.—Owensboro City R. R. Co. Elec. 10 m, 4-8 1/2 g, 40 lb T r, 25 c, of which 12 are m c and 13 t c. T-H system. Stephenson cars. Harrisburg engines. Pres. W. E. Whitey, Sec. R. A. Miller, Treas. J. H. Parish, Gen. Man. J. N. Alsop, Supt. R. H. Neely. Capital \$50,000. Bonds, \$25,000. 9 3

P

PADUCAH, KY.—Paducah St. Ry. Co. Elec. 8 1/2 m, 4-8 1/2 g, 35 lb T r, 22 c, of which 14 are m c and 8 t c Edison system. Pres. Geo. C. Thompson, V. Pres. C. Dallam, Sec. & Treas. T. J. Flournoy, Gen. Supt. A. S. Thompson, Elec'n & Supt. Mo. Pow. D. B. Simon. Capital, \$115,000; authorized, \$200,000. Bonds, \$100,000. Office, 1342 Broadway. 9 3

PAINESVILLE, O.—Painesville, Fairport & Richmond St. Ry. Co. 7 m, 4-8 1/2 g, 52 lb girder r, 4 c Pres. & Gen. Man. I. K. Pierson, Sec. & Treas. W. H. Searles. Capital, \$50,000; authorized, \$150,000. 9 3

PALATKA, FLA.—Palatka & Heights St. Ry. Co. 2 m, 3 g, 30 lb centre bearing r, 2 c, 2 mu. Pres. Wm. P. Craig, Sec. Marcus Loab, Treas. & Gen. Man. W. C. Snow. Capital, \$10,000. 2 3

PARIS TEX.—Paris Elec. Lt. & Ry. Co. 5 m, 4-8 1/2 g, 22 & 36 lb T & flat r, 10 c, of which 8 are 4-wheel box & 2 4-wheel open, 45 mu. Pres. J. J. Walsh, V. Pres. S. J. Wright, Sec. & Treas. B. J. Baldwin, Jr., Supt. R. F. Grimes. Capital, \$300,000; authorized, \$300,000; Bonds, \$150,000. Office over Farmers' & Merchants' Bank. 2 3

PARKERSBURG, W. VA.—Park City St. R. R. Co. 5 m, 4 8 1/2 g, 40 lb flat & T r, 7 c, 34 h, 14 mu Pres. D. Gould, V. Pres., & Sec. R. Covert, Treas. W. H. Wolfe, Gen. Man. & Supt. W. A. McCosh. Capital, \$40,000; authorized \$75,000. Office 332 Juliana st. 5 3

PASADENA, CAL.—City Ry. Co. (Controlled by Los Angeles Consolidated Electric Ry. Co.) 5 1/2 m, 4-8 1/2 g, 16, 20, 30 lb T & flat r, 5 c, of which 2 are 4-wheel box & 3 4-wheel open; 12 h, 6 mu. Pres. & Gen. Man. A. J. Painter, V. Pres. C. W. Buchanan, Sec. & Treas. M. D. Painter. Capital, \$20,300; authorized, \$50,000. 11 2

Alhambra & Pasadena St. Ry. Co. (See Alhambra, Cal.)

Colorado St. Ry. Co. (Controlled by Los Angeles Consolidated Electric Ry. Co.) 5 1/2 m, 3-6 g, 16 lb T r, 5 c, 9 h Pres. & Gen. Man. Geo. F. Foster, V. Pres. T. F. Lukens, Sec. E. E. Jones. Capital, \$50,000. Office, 50 South Los Robles Ave. 6 3

Pasadena & Mt. Wilson Ry. Co. Pres. T. S. C. Lowe, V. Pres. P. M. Green, Sec. A. P. West, Treas. T. W. Brotherton. 6 3

Pasadena St. Ry. Co. (Controlled by Los Angeles Consolidated Electric Ry. Co.) 3 1/2 m, 3-6 g, 16 lb T r, 5 box c, 8 h. Baker cars. Pres. & Gen. Man. W. Thomson, V. Pres. G. R. Thomas, Sec. P. G. Wooster, Treas. P. M. Green. Capital, \$20,300; authorized, \$30,000. Office, Wooster Block. 10 3

PATERSON, N. J.—Paterson Ry. Co. Elec. 36 m, 4-8 1/2 g, 58 1/2 lb c b & T r, 75 c, of which 60 are m c and 15 t c. T-H, Westinghouse and Edison systems. Gilbert and Stephenson cars. Ball engines. Pres. Garret A. Hobart, V. Pres. H. Romaine, Sec. A. A. Wilcox, Treas. E. T. Bell, Gen. Man. M. R. McAdoo, Supt. M. Pettigrew. Capital \$1,250,000. Bonds \$1,250,000 1 3

Paterson & Little Falls Electric Ry. (Operated by Paterson Central Electric Ry. Co.) 3 m, 4-8 1/2 g, 48 lb T r, 8 c, of which 4 are m c and 4 t c. Westinghouse system. Brill cars. Capital, \$50,000. 6 3

Paterson Central Electric R. R. Co. (Operates Paterson & Little Falls Electric Ry. Co.) 4 m, 4-8 1/2 g, 45, 58 1/2 lb T & girder r, 18 c. Westinghouse system. Gilbert cars. Pres. F. C. Vandike, V. Pres. J. R. Lee, Sec. J. J. Scanlon, Treas. J. A. Morriss, Gen. Man. & Supt. W. Ring. 6 3

PAWTUCKET, R. I.—Pawtucket St. Ry. Co. Elec. 15 m, of which 6.5 are horse and 8.5 elec; 4 g, 54-60 lb Prov. girder & T r, 50 c, of which 35 are h c and 15 m c, 142 h. T-H system. Pres. N. W. Aldrich, V. Pres. A. H. Littlefield, Sec. & Gen. Man. C. F. Luther, Treas. E. N. Littlefield. Capital \$200,000. Office, 54 Broad st. 9 3

Interstate St. Ry. Co. Elec. 24 m, 4-8 1/2 g, 50 lb T r, 32 c, of which 26 are m c and 6 t c. T-H system. Briggs and Newburyport cars. Pres. & Gen. Man. H. M. Daggett, Jr., Sec. G. E. Webster, Treas. W. N. Ots, Pur. Agt. E. Holmes, Supt. E. W. Adams. Capital, \$362,500; authorized, \$500,000. 9 3

PEORIA, ILL.—Central Ry. Co. Elec. 23 m 4-8 1/2 g, 48, 80 lb girder r, 85 c, of which 43 are m c and 42 t c. T-H system. American, Laclede and St. Louis cars. Corliss engines. Pres. W. Barker, V. Pres. S. Clark, Sec. J. N. Ward, Treas. B. Callender, Gen. Man. J. Finley, Supt. J. E. Finley. Capital, \$600,000. Bonds \$200,000. Office, 622 S. Adams st. 6 3

Fort Clark Horse Ry. Co. Elec. 14 m, 4-8 1/2 g, 38, 50, 75 lb girder & T r, 34 c, of which 14 are m c and 20 t c. T-H system. St. Louis cars. Ball and Ide engines. Pres. F. W. Horne, Sec. & Treas. J. A. Trawick, Supt. W. D. Allison. Capital, \$250,000; authorized, \$500,000. Bonds, \$250,000. Office, Abington & Monroe Sts. 9 3

PETERSBURG, VA.—Petersburg St. Ry. Elec. 3 1/2 m, 4-8 1/2 g, 45 & 47 lb r, 8 m c. T-H system. Pres. & Gen. Man. & Pur. Agt. George Beadle, Sec. W. S. Phelps, Treas. A. Wright, Supt. F. G. Beadie. Capital, \$100,000. Bonds, \$100,000. 1 2

Petersburg & Asylum Ry. Co. Dummy. 3 1/2 m, 4-8 1/2 g, 50 lb T r, 1 Baldwin engine, 4 c. Pres. Treas. & Gen. Man. G. Beadle, Sec. J. Mann. Capital \$20,000. Bonds \$30,000. 9 3

PHILADELPHIA, PA.—Citizens' Pass. Ry. Co. (Leased by Electric Traction Co.)

Empire Pass. Ry. Co. 8 1/2 m, 5-2 g, 45 lb r. Pres. James McManes, Sec. & Treas. D. W. Dickson Capital, \$600,000. Office, N. E. cor. 41st & Haverford sts. Leased to Phila. Traction Co. 9 2

Electric Traction Co., includes Lombard & South Sts. Pass. Ry., Lehigh Ave. Ry., Lombard & South Sts. Pass. Ry., Frankford & Southwark City Pass. Ry., Citizens' Pass. Ry., and Second & Third Sts. Pass. Ry.) 129 m, 5-2 g, 45, 47, 50, 78, 93 lb girder & Tram r, 253 c, 1,705 h, 10 steam dummies. McIntosh & Seymour and Porter-Allen engines. Pres. J. J. Sullivan, V. Pres. G. S. Gandy, Sec. F. Weckerley Treas. R. C. Brewster, Supt. W. H. Janney, Ch. Engr. E. B. Ives. Capital \$1,875,000. Office, 2501 Kensington ave. Engr's office, 11th & Colona sts. 12 3

Germantown Pass. Ry. Co. 29 1/2 m, 5-2 1/2 g, 47 lb r, Pres. C. W. Walton, Treas. J. Koch. Capital, \$1,500,000. Office, 1,001 Chestnut st. Leased to People's Pass. Ry. Co. 12 3

Green & Coates R. R. Co. Pres. Moses A. Dropsie, Sec. & Treas. L. S. Henshaw. Capital \$500,000. Office, 1001 Chestnut st. Leased to People's Pass Ry. Co. 12 3

Frankford & Southwark City Pass. Ry. Co. (Leased to Electric Traction Co.)

Hestonville, Mantua & Fairmount Pass. R.R. Co. 20 m, 5-4 1/2 g, 45 lb r, 96 c, 525 h. Pres. J. Hopkins, V. Pres. I. Blum, Sec. & Treas. W. R. Benson, Ch. Engr. A. L. Johnston. Capital, \$2,050,000. Office, 4,300 Lancaster ave. 12 3

Lehigh Ave. Ry. Co. (Owned by Frankford & Southwark Phila. Pass. R. R. Co.)

Lombard & South Sts. Pass. Ry. Co. (Owned by Frankford & Southwark Ry.)

People's Pass. Ry. Co. (Lessee of Germantown Pass. Ry. and is controlled by People's Traction Co.) 49 m, 5-2 1/2 g, 47 to 57 lb tram & girder r, 173 c, 1551 h. Own cars. Pres. H. C. Moore, Sec. & Treas. David C. Golden, Gen. Supt. J. C. Lugar. Capital, \$2,250,000. Bonds \$750,000. Office, 8th & Dauphin sts. 12 3

People's Traction Co. (controls People's Pass. Ry. Co.) Pres. J. Lower W. I. Sch, Sec. & Treas. C. Kruger, Ch. Engr. L. W. McIntire 12 3

Philadelphia City Pass. Ry. Co. 12 417 m, 5-2 1/2 g, 47 & 78 lb r. Pres. Wm. W. Colket, Sec. & Treas. T. W. Pennypacker. Capital, \$1,000,000. Office, 203 Walnut place. Leased to W. Phila. Pass. Ry. Co. 12 3

Philadelphia Traction Co. (Lessee of Empire Pass. Phila. & Gray's Ferry, Ridge Ave., 17th & 19th Sts. 13th & 15th Sts., 12th and 16th Sts., Phila. City Pass. Union Pass. and West Phila. Rys. 250 m, of which 156 are horse, 60 elec. and 34 cable, 5-2 1/2 g, 47, 78, 90 lb r, 1116 c, of which 651 are h. c. 300 m c. and 135 g c, 4172 h. Brill and Laclede cars. Westinghouse engines. Pres. P. A. B. Widener, V. Pres. W. L. Elkins, Sec. & Treas. D. W. Dickson, Gen. Man. J. T. Gorman, Ch. Engr. F. W. Darlington. Capital, \$6,000,000. Office, n w cor. 41st and Haverford sts. V. Pres. office 423 Walnut st 12 3

Philadelphia & Darby Ry. Co. 6 1/2 m, 5-2 1/2 g, 42 lb r. Pres. Beauveau Borie, Sec. & Treas. Wm. W. Colket. Office, 202 Walnut pl. Leased to Phila. City Pass. Ry. Co. Capital, \$200,000. 12 3

Philadelphia & Gray's Ferry Pass. R. R. Co. Pres. O. Hopkinson, Sec. & Treas. L. S. Renshaw. Capital \$308,750; authorized \$1,000,000. Office 1001 Chestnut st. Leased to Phila. Traction Co. 12 3

Ridge Ave. Pass. Ry. Co. Pres. E. B. Edwards, Sec. & Treas. Wm. S. Blight, Capital, \$420,000; authorized, \$750,000. Office Ridge & Susquehanna aves. Leased to Phila. Traction Co. 12 3

Schuylkill River Pass. Ry. Co. Leased to Philadelphia & Gray's Ferry Pass. R. R. Co. 12 3

Second & Third Sts. Pass. Ry. Co. (Owned by Frankford & Southwark Phila. City Pass. R. R. Co.)

Seventeenth & Nineteenth Sts. Pass. Ry. Co. 8.12 m Pres. Matthew S. Quay, Sec. & Treas. John B. Peddle. Capital, \$500,000. Leased to Phila. Traction Co. 12 3

Thirteenth & Fifteenth Sts. Pass. Ry. Co. 15 m, 5-2 g, 47 lb tram r, 59 4-wheel box c, 640 h. Pres. B. S. Kunkel, Sec. & Treas. I. P. Richardson. Office, Fidelity Insurance & Safe Deposit Co. 325 Chestnut St Leased to Phila. Traction Co. 12 3

Union Pass. Ry. Co. 70 m, 348 c, 1,724 h. Pres. P. A. B. Widener, V. Pres. W. L. Elkins, Sec. & Treas. John B. Peddle, Capital, \$1,500,000 Leased to Phila. Traction Co. 12 3

West Philadelphia Pass. Ry. Co. 22 1/2 m, 5-2 1/2 g, 47 & 78 lb r. Pres. P. A. B. Widener, Sec. & Treas. D. W. Dickson, Supt. Jas. T. Gorman. Capital, \$750,000. Office, 41st & Haverford sts. Leased to Phila. Traction Co. 12 3

PHILLIPSBURG, N. J.—Phillipsburg Horse Car R. R. Co. 2 1/2 m, 4-8 g, 3 lb r, 4 c, 13 h. Pres. Daniel Runkle, Sec. & Treas. James W. Long. Sold to Easton Transit Co. 9 0

PHOENIX, ARIZ. T.—Phoenix City Ry. Co. 10 m, of which 5 are horse and 5 elec. 3-6 and 4-8 1/2 g, 20, 30, 35 lb T r. Pres. M. H. Sherman, Sec. & Man. B. N. Pratt. 6 3

PIERRE, S. DAK.—Pierre City Ry. Co. 4.1 m 4-8 1/2 g, 27-35 lb r, 5 open c, 7 h, 16 mu. Pres. W. G. Warden, V. Pres. Randall Morgan, Sec., Supt. & Gen. Man. S. B. Wallace. Capital \$75,000. 6 3

PINE BLUFF, ARK.—The Citizens' St. Ry. Co. 12 1/2 m, 4 & 4-8 1/2 g, 20, 35, 45 lb T r, 28 m. c. 4 h, 140 mu. Pres. T. S. James, Sec. A. Murray, Treas. & Gen. Man. & Supt. W. Jones. Capital \$200,000. Bonds \$80,000. Office, 207 1/2 Main St. 11 2

PIQUA, O.—Piqua St. Ry. Co. Elec. 4 m, 4-8 1/2 g, 45 lb Johnson girder and 35 lb T r, 10 c of which 6 are m c and 4 t c. Edison system. Pres. A. M. Orr V. Pres. D. Spencer, Sec. & Gen. Man. F. C. Davies Treas. L. M. Flesh. Capital \$75,000. 11 2

PITTSBURGH, PA.—Allegheny Traction Co. 7 m, 5-2 1/2 g, 45 lb tram r, 18 c, 100 h & mu. Stephenson cars. Pres. G. B. Hill, Sec. A. M. Neepier, Gen. Man. G. F. Greenwood. Capital \$350,000. Offices, Market and Liberty sts., Pittsbrgh, and Beaver and Hand Aves., Allegheny. 9 3

Birmingham, Knoxville & Allentown Traction Co. 1.4 m. horse and 1,800 ft. cable, 5 g, 45 lb steel & T r 9 c, 24 h. Pres. H. S. A. Stewart, Sec. Danl. Beech Treas. T. H. Given, Supt. M. S. Holden. Capital \$100,000. 11 1

Central Traction Co. 8 1/2 m, of which 5 are cable & 3 1/2 elec. 5-2 1/2 g, 65 lb girder r, 26 c, of which 20 are g c and 6 m c. Westinghouse system. Brill and Pullman cars. Wetherill and Westinghouse engines. Pres. Geo. I. Whitney, V. Pres. T. A. Gillespie, Sec. J. F. Miller, Treas. G. F. Wright, Supt. W. C. Smith. Capital, \$1,500,000; bonds \$375,000. Office 33d st. & Herron Avenue. 9 3

Citizens' Traction Co. 30 m of which 6 are horse, 12 cable and 12 elec. 5-2 1/2 g, 54 & 65 lb girder & tram r, 90 c, of which 4 are h c, 66 g c and 20 m c, 28 h. West. Inghouse system. Gilbert, Pullman and Stephenson cars. Buckeye and Wetherill engines. Pres. Jno. G. Holmes, V. Pres. H. S. Stewart, Sec. J. G. Bright, Treas. N. Holmes, Jr., Gen. Man. J. B. Rugg. Capital \$3,000,000. Bonds \$1,250,000. General office 537 Penn Ave., business office 5404 Penn Ave. 10 3

Duquesne Inclined Plane Co. 1,586 ft., 5 g, 60 lb T r 2 c. Pres. S. Severance, V. Pres. F. B. Nimick, Sec. K. Q. Bringham, Treas. S. Severance, Jr., Supt. Geo. L. Holliday. Capital, \$50,000. 9 2

Duquesne Traction Co. Elec. 28 m, 5-2 1/2 g, 48 lb girder r, 60 m c, T-H system. Pres. C. L. Magee, V. Pres. _____, Sec. Jas. L. McDevitt, Treas. Jno F. Steel. Capital, \$3,000,000. Bonds, \$1,500,000. Leased to Pittsburgh Traction Co. 9 2

Fort Pitt Inclined Plane Ry. Co. 350 ft., 10 g, 2 c Pres. Wm. Flinn, Sec. & Supt. S. H. French, Treas. F. L. Stephenson. Capital, \$60,000. Office 125 Fourth Ave. 3 2

Knoxville Inclined Plane Co. 2,640 ft., 9 g, 60 lb T r, 2 c. Capital \$150,000. Office 96 Diamond st.

Monongahela Inclined Plane Ry. Co. 2 planes, 640 ft, 5 & 12 g, 45 & 80 lb T r, 2 pass, 2 freight c. Pres. Jas. M. Bailey, Sec. Treas. & Supt. John L. Awi Capital, \$200,000 3 2

Penn. Inclined Plane Ry. 840 ft, 10 g, 60 lb T r Pres. Joshua Rhodes, 1st ave.

Pittsburgh & Manchester Traction Co. Elec. 18 m, of which 1 1/2 are horse and 16 1/2 elec. 52 1/2 g, 63 lb girder r, 72 c of which 1 is h c, 61 are m c, and 10 t c. T-H system. Pres. J. H. Dalzell, V. Pres. Joshua Rhodes, Sec. A. M. Neepner, Treas. W. Montgomery Gen. Man. G. F. Greenwood. Capital, \$3,000,000. Bonds, \$1,500,000. Office, S. Market & Liberty sts. and Beaver st & Island ave, Allegheny. 6 3

Pittsburgh & Birmingham Traction Co. Elec. 13 m 5-2 1/2 g, 63 1/2 lb girder r, 42 m c. Westinghouse system. Gilbert cars. Hamilton-Corliss engines. Pres. H. S. McKee, Sec. F. J. Tener, Treas. Daniel Beach, Gen. Supt. Miller Elliott. Capital \$3,000,000. Bonds \$1,500,000. Office, 30th & Carson sts. 6 3

Pittsburgh & Castle Shannon R. R. (Includes 2 inclines). 6 1/2 m, 3-4 g, 60 lb r, 7 c. Incline No. 1, 1,375 ft. 10 g, 60 lb T r, 2 c. Incline No. 2, 2,112 ft. 10 g, 60 lb T r, 2 c. Jackson & Sharp cars. Pittsburgh engines. Pres. Walter Chess, V. Pres. J. M. Bailey, Sec. & Treas. E. J. Reamer, Supt. O. A. Rogers. Capital, \$481,000. Bonds, \$200,000. 1 3

Pittsburgh & West End Pass. Ry. Co. 16 m, 5-2 1/2 g, 78 lb tram r, 44 c of which 18 are h c and 26 m c, 6 h. Westinghouse system. Laclede and Stephenson cars. Russell engines. Pres. John C. Reilly, V. Pres. Thomas S. Bigelow, Sec. W. W. Callery, Treas. & Gen. Man. William J. Burns. Capital, \$1,500,000. Bonds \$75,000. Office, Wabash ave. 9 3

Pittsburgh Traction Co. Cable. 12.67 m, of which 10.67 are cable and 2 elec. 5-2 g, 65 lb girder r, 74 c 2 m c. Short system. Pres. Geo. W. Elkins, V. Pres. C. L. Magee, Sec. and Treas. J. G. Traggard, Gen. Man. W. L. Elkins, Supt. — McDowell Ch. Engr J. M. Gorman. Capital \$2,500,000. Bonds \$75,000. Office, 310 Fifth ave. 9 2

Schenley Park & Highlands Ry. Co. Elec. 3 1/2 m, 5-2 1/2 g, 40, 45, 60 lb T & girder r, 5 m c. Duff system Gilbert cars. Pres. _____ V. Pres. & Gen. Man. S. J. MacFarren, Sec. F. G. Kay, Treas. T. A. Noble. Capital \$100,000. Bonds \$50,000. Office 15 Lewis Block. 6 3

Second Avenue Pass. Ry. Co. Elec. 10 1/2 m, 5-2 1/2 g 54 lb Johnson & T r. T-H & Westinghouse systems Pres. Jas. D. Callery, Sec. C. G. Milnor, Treas. John W. Taylor, Gen. Man. W. J. Burns, Supt. John Murphy. Capital, \$300,000. Bonds \$150,000. Office Glenwood, 23d Ward. 9 2

St. Clair Incline Plane Ry. Co. .40 m, 5 g, 56 lb T r, 2 box c. Pres. & Supt. W. S. Hughes, Sec. W. S. Jones, Treas. R. B. Mellon. Capital, \$150,000. Bonds \$75,000. Office, 514 Smithfield St. 9 3

Suburban Rapid Transit St. Ry. Co. Elec. 7 m 5-2 1/2 g, 52 lb Johnson girder r, 16 m, c. N. E. T. Co.'s system. Fischer engines. Pres. H. Miller, Sec. Treas. & Gen. Man. Thos. A. Noble, Supt. J. F. Saitz. Capital \$100,000; authorized, \$120,000. Bonds \$100,000. 7 3

PITTSFIELD, MASS.—Pittsfield Electric St. Ry Co. 3 1/2 m, 4-8 1/2 g, 56 lb flat r, 10 c of which 5 are m c. and 5 t c., 3 h. Westinghouse system. Pres. Jos. Tucker, Sec. J. M. Stevenson, Treas. & Gen. Man. P. C. Dolan. Capital \$40,000. Office Seymour & Wahconah Sts. 12 3

PLAINFIELD, N. J.—Plainfield St. Ry. Co. Elec. 3 1/2 m, 5-2 1/2 g, 72 lb tram r, 5 m c. T-H system. Brill cars. Pres. T. N. Nevins, V. Pres. T. J. Tritts, Sec. & Treas. C. W. Riker, Gen. Man. & Supt. J. H. Adelman. Office West 10th St. 9 3

PLYMOUTH, MASS.—Plymouth & Kingston Ry. Co. Elec. 6 1/2 m, 4-8 1/2 g, 35, 40 lb T r, 12 c, of which 1 are m c and 1 t c. T-H system. Briggs and Newburyport cars. Pres. J. H. Cunningham, Sec. T. Loring, Treas. J. D. Thurber, Supt. & Gen. Man. C. E. Barnes. Capital \$100,000. Bonds \$35,000. 6 3

POMONA, CAL.—San Antonio & Holt Ave. St. R. R. Co. 2 m, 3-6 g, 16 lb T r, 3 c, 6 mu. Pres. H. Eno, V. Pres. J. E. Packard, Sec. H. S. Finney, Treas. O. F. Giffin, Supt. F. G. Haley. Capital, \$50,000. 3 2

Orange Grove St. R. R. Co. 4 m, 3-6 g, 16 lb T r, 3 c, 8 mu. Pres. & Treas. B. B. Nesbit, Sec. C. E. Rice Gen. Man. & Supt. P. C. Towner. Capital \$25,000. 11 2

PORT ARTHUR, ONT.—Town of Port Arthur Electric Ry. 8 m elec. 4-8 1/2 g, 40 lb T r, 3 m c. Edison system. Capital \$115,000. J. M. Neelin, Chairman of the Elec. Ry. Committee, Sec. W. H. Langworthy, Treas. J. McTague. 9 3

PORT HURON, MICH.—City Electric Ry. Co. 9 m, 4-8 1/2 g, 45 lb T r, 20 c, of which 12 are m c and 8 t c. T-H system. Pres. W. Canham, Sec. & Treas. F. J. Dixon, Gen. Man. A. Dixon. Capital \$100,000 Bonds \$43,500. 8 3

PORT NORFOLK, VA.—Port Norfolk Electric Ry. Co. 4 m, 4-8 1/2 g, 40 lb T r, 7 c, of which 5 are h c and 1 steam motor. Pres. W. H. Stewart, Sec. E. T. Powell, Treas. & Gen. Man. M. W. Mason. Capital \$60,000; authorized \$500,000. Bonds 60,000. Office Mt. Vernon Ave. 6 3

PORT RICHMOND, S. I., N. Y.—Port Richmond & Prohibition Park R. R. Co. Elec. 2 m, 4-8 1/2 g, 56 lb girder r, 10 c, of which 5 are m c and 5 t c. Edison system. Stephenson cars. Ball engines. Pres. C. A. Starbuck, V. Pres. J. C. Thompson, Sec. & Treas. R. C. Vilas, Gen. Man. & Supt. H. C. Vilas. Capital \$100,000. Bonds \$75,000. 9 3

PORT TOWNSEND, WASH.—Port Townsend St. Ry., Light & Power Co. 4 1/2 m, 4-8 1/2 g, 38 & 40 lb T & girder r 3 m c. T-H system. Pres. F. W. Hastings, V. Pres. & Gen. Man. J. V. Shepherd, Sec & Treas. C. P. Swigert. Capital, \$150,000. 5 1

Port Townsend Belt Ry. Co. 4 m, 2 m c. Edison system. 12 2

PORTLAND, CONN.—Portland R. R. Co.

PORTLAND, ME.—Ocean St. R.R. Co Operated by Portland R. R. Co.

Portland R. R. Co. Elec. 14.6 m, of which 3 1/2 are elec. 4-8 1/2 g, 35-45 lb T & s b r, 53 c, of which 31 are box & 21 open, 8 m c, 265 h. T-H system. Pres. W. R. Wood, Treas. & Gen. Man. E. A. Newman. Capital \$200,000. Office 471 Congress st. 3 1

PORTLAND, ORE.—Barnes Heights & Cornett Mt. Ry. Co. 3 1/2 m, 3 m c. T-H system. 12 2

City Cable Co. 7 1/2 m, 3-6 g, 22, 33 comb. r, 23 g c. Receiver & Gen. Man. F. I. Fuller. Bonds \$400,000. Office Mill & Chapman Sts. 3 3

City & Suburban Ry. Co. Elec. 46 m, of which 35 are elec. and 11 steam, 3-6 g, 30, 40 lb T & girder r, 56 c, of which 52 are m c and 4 t c, 7 steam motors, 13 coaches, T-H system. Pullman cars. Baldwin engines. Pres. H. Failing, V. Pres. T. Woodward, Sec. & Treas. C. F. Swigert, Gen. Man. H. C. Campbell. Capital, \$1,000,000. 9 3

City & West Portland Park Motor Co. 7 m, of which 6 are steam and 1 elec. 4-8 1/2 g, 45, 50 T r, 17 c, 2 steam motors. Edison system. Pres. E. T. Johnson, V. Pres. Treas. & Gen. Man. T. A. Wood, Sec. W. H. Wood. Capital \$100,000. Bonds \$100,000. Office Room 1, I. O. O. F. Temple. 9 3

East Side Ry. Co. (Includes Mt. Tabor R. R.) Elec. 22 m of which 4 1/2 are steam and 17 1/2 elec., 4-8 1/2 g, 30, 40 lb T r, 19 c of which 15 are m c and 4 t c. 3 steam motors. Edison and T-H systems. Baldwin engines. Pres. & Gen. Man. G. A. Steel, V. Pres. & Treas. J. Steel, Sec. J. B. Cleland. Capital \$195,300; authorized \$250,000. Bonds \$153,000. Office 212 Madison St. 9 3

Portland Consolidated St. Ry. Co. Elec. 29.1 of which 6.6 are steam & 22.5 elec. 3, 3-6, 4-8 1/2 g, 35, 40 lb T r, 80 c, of which 3 are steam motors 7 coaches, 9 flat c, 56 m c and 5 t c. Edison & Westinghouse systems. Pres. G. B. Markle, V. Pres. J. Steel, Sec D. F. Sherman, Treas. J. L. Hartman, Supt. J. E. Thelsen. Capital, \$255,000; authorized \$1,000,000 Bonds \$660,000. Office 224 1/2 Washington St. 6 3

Portland St. Ry. Co. 2 m, 4-8 1/2 g, 30 lb tram r, 4 c, 30 h. Pres. J. Holladay, V. Pres. G. W. Weidler, Sec. T. Gray. 9 3

PORTSMOUTH, O.—Portsmouth St. R. R. & Lt. Co. Elec. 5 m, 4-8 1/2 g, 45 lb T & girder r, 8 c, of which 4 are m c and 4 t c. T-H system. St. Louis cars. Ball & Wood engines. Pres. G. Davis, V. Pres. H. Grimes, Sec. & Treas. S. B. Timmonds, Gen. Man. F. L. Smith. Capital, \$125,000. Bonds, \$33,000. 8 3

PORTSMOUTH, VA.—Portsmouth St. Ry. Co 4.17 m, 4-8 1/2 g, 30 lb s b r, 9 c, 26 h & mu. Pres. Treas. & Gen. Man. B. Bruenn, V. Pres. Wm. H. Stewart, Sec. P. G. Chamberlain, Supt. W. T. Cross. Capital \$50,000. Bonds, \$50,000. 9 3

POTTSTOWN PA.—Pottstown Passenger Ry. Co. Elec. 6 m, 4-8 1/2 g, 57, 68 lb T & girder r, 6 c, of which 4 are m c and 2 t c. Westinghouse system. Brill cars. Ball engines. Pres. G. Maltzberger, Sec. & Treas. C. Fegley, Gen. Man. & Supt. L. P. Muthart. 5 3

POTTSVILLE, PA.—People's Ry. Co. Elec. 4 1/2 m, of which 3 1/2 are steam and 1 elec., 4-8 1/2 g, 50, 60 lb flat T r, s c. Short system. Pres. T. A. Reilly Sec. & Supt. Wm. D. Pollard. Office, 221 S. Centre st. 6 3

Schuylkill Electric Railway Co. 8 1/2 m, 4-8 1/2 g, 40, 52 lb T & girder r, 15 c, of which 14 are m c and 1 t c. Short system. Brill and Peckham cars. Ball engines. Pres. & Gen. Man. J. K. Sigfried, V. Pres. F. G. Yuengling, Sec. J. Newlin, Treas. J. F. Zerby. Capital, \$150,000. Bonds, \$25,000. 8 3

POUGHKEEPSIE, N. Y.—City R. R. Co. 4 1/2 m 4-8 1/2 g, 42 lb s b & c b r, 10 c, 49 h. Pres. J. W. Hinckley, Sec. I. DeGroot, Treas. J. Doheny, Supt. C. M. Davis. Capital \$80,000. Office, 491 Main st. 11 2

PROVIDENCE, R. I.—Union R. R. Co. Elec 65 m, of which 55 are horse and 10 elec; 4-8 1/2 g, 54, 70, 90 lb girder r, 329 c, of which 302 are h c and 27 m c, 1,543 h. T-H system. Pres. N. W. Aldrich, Sec. Henry V. A. Joslin, Treas. C. A. Babcock, Gen. Man. A. T. Potter. Capital, \$2,000,000; authorized, \$3,000,000. Office, 18 Westminster St. 6 3

Providence Cable Tramway Co. 3.2 m cable. Also run over 6 m of Union R. R. with horses, 4-8 1/2 g, 38 & 50 lb girder r, 58 c, of which 14 are g c and 44 t c, 168 h. Own and Stephenson cars. Harris engines. Pres. B. A. Jackson, Sec. H. V. A. Joslin, Treas. C. A. Babcock, Gen. Man. A. T. Potter, Supt. M. H. Bronsdon. Capital, \$300,000; authorized, \$400,000. Office, 18 Westminster St. (Stock held by Union R. R. Co.) 6 3

PROVO CITY, UTAH.—Provo City Ry Co. 9 m 4-8 1/2 g, 30 lb steel T r, 8 c, of which 5 are closed and 3 flat, 2 steam motors. Pres. T. Holbrook, V. Pres. R. H. Dodd, Sec. M. Snow, Gen. Man. R. Bachman Jr. Capital, \$55,000. Address P. O. Box 278. 7 1

PUEBLO, COLO.—Pueblo City Ry. Co. Elec. 25 m. 4 g, 35 & 40 lb T r, 40 c, of which 24 are m c and 16 t c. T-H system. Woerber cars. Elits engines. Pres. J. E. Downey, V. Pres. F. J. Chamberlain, Sec. J. B. Downey, Treas. G. H. Hard, Gen. Man. H. E. Chubbuck, Supt. W. A. Martin, Capital, \$500,000. 6 3

PUNXSUTAWNEY, PA.—Punxsutawney St. Pass. Ry. Co. Elec. 2 m, 4-8 1/2 g, 5 1/2 lb girder r, 3 m c. Westinghouse system. Newcastle cars. Greene engines. Pres. S. E. Wilson, V. Pres. J. K. North, Sec. A. J. Truit, Treas. Gen. Man. & Supt. L. C. Myers. Capital, \$18,000. Bonds, \$14,000. 8 3

PUT-IN-BAY, O.—Put-In-Bay Water Works, Light & Ry. Co. Elec. 3.75 m, 4-8 1/2 g, 45 lb T r, 8 c, of which 4 are m c, and 4 t c. T-H system. Pres. G. H. Ketchum, V. Pres. and Gen. Man. J. K. Tillotson, Sec. and Treas. F. M. Ohl. 8 1

Q

QUEBEC, CAN.—Quebec St. Ry. Co. 3 m, 4-8 1/2 g, 45 lb Phila. r, 12 c, 8 busses, 11 sleighs, 62 h. Pres Chas. St. Michel, V. Pres. W. Hossack, Sec., Treas Supt. & Man., F. T. Boomer. Capital \$50,000. Authorized \$100,000. Box 74, Crown St. 6 3

St. John St. Ry. Co. Llm. 1 1/2 m, 4-8 1/2 g, 35 lb s. b. r, 4-4-wheel box c, 24 h. Run a bus service out 4 m. from city limits, connecting with car service Pres. A. Robertson, V. Pres. W. DeQuincy Sewell, Sec. & Man. W. W. Martin. Capital, \$30,000. Office, 564-6 St. John St. 6 3

QUINCY, ILL.—Quincy Horse Ry. & Carrying Co., Elec. 11 1/2 m, 5 g, 38, 45, 52 lb T & girder r, 23 c of which 16 m c & 7 t c, 4 mu, T-H system. Pres W. S. Warfield, V. Pres. W. McFaden, Sec. & Supt. E. K. Stone, Jr., Treas. F. W. Meyer. 9 3

QUINCY, MASS.—Quincy St. R. R. Leased to Quincy & Boston St. Ry. Co.

Quincy & Boston St. Ry. Co. Elec. 13 m, 4-8 g, 35, 58 lb T & flat r, 20 m c. T-H system. Pres. J. R. Graham, Sec. & Treas. F. H. Smith, Supt. B. J. Weeks. Capital, \$50,000. 9 3

R

RACINE, WIS.—Belle City St. Ry. Co. Elec. 15 m, 4 g, 45, 52 lb T & girder r, 26 c, of which 20 are m c and 6 t c. Detroit system. American, Lamokin and St. Louis cars. Bullock-Corliss engines. Pres. & Treas. C. H. Holmes, V. Pres., Sec. & Gen. Man. A. Shewmon. Capital \$100,000. Bonds \$200,000. Office, 823 Lake ave. 8 3

RALEIGH, N. C.—Raleigh St. Ry. Co. Elec 6 m, 4-8 1/2 g, 30, 35 lb T & hange r, 11 c, of which 8 are m c and 3 t c. Edison system. Brill cars. Frick engines. Pres. J. C. George, Sec. & Treas. W. G. Weld, Gen. Man. S. W. Huff. Capital stock, \$25,000. Bonds \$125,000. 6 3

RAPID CITY, S. DAK.—Rapid City St. Ry. Co 2 m, 4 g, 25 lb r, 2c, 4 h. Pres. E. B. Chapman, V. Pres. James Halley, Sec. Treas. & Supt. J. W. Post Capital \$100,000. 10 1

READING, PA.—Reading City Pass. Ry. Co. (Leased to Reading Traction Co.) Elec. 28 m, of which 7 are horse and 21 elec. 5-2 1/2 g, 52, 60 & 93 lb girder r, 104 c of which 75 are h c add 29 m c. Gen. Elec. system. Brill and St. Louis cars. Pres. B. F. Owen, Sec. & Treas. H. A. Muhlenberg, Supt. S. E. Rlgg. Capital \$10,000. Bonds \$104,000. 9 3

East Reading Electric Ry. Co. (Leased to Reading Traction Co.) Elec. 5 1/2 m, 5-2 1/2 g, 42 lb T and girder r, 9 c of which 8 are m c & 1 t c. Edison and Westinghouse systems. Brill, Gilbert and Stephenson cars. Pres. A. J. Brumbach, V. Pres. J. G. Leinbach, Sec. A. H. Fegley, Treas. I. W. Levan, Gen. Man. M. Shaaber, Asst. Gen. Man. C. E. Lennhart. Capital \$100,000. 6 0

Neversink Mountain R. R. Elec. 12 m, 4-8 1/2 g, 56 lb T r, 13 c, of which 7 are m c and 6 t c. Edison system. Brill cars. Water power. Pres. H. T. Kendall, V. Pres. G. Brooke, Sec. M. C. McEhain, Treas. D. W. Stehman, Gen. Man. Paul D. Millholland. 9 3

Reading & South Western St. Ry. Co. Elec. 5½ m 4-8½ g, 40-56 lb T & girder r, 14 c, of which 8 are m c and 6 t c. Curtis, T-H & Edison systems. Brill, Lewis & Fowler and Stephenson cars. Ball engines. Pres. J. W. Shepp, V. Pres. J. B. Sterley, Sec. & Treas. V. S. Seltzer, Gen. Man. & Supt. G. W. Keim. Capital, \$130,000. Office, Water st., below Chestnut. 8

RED CLOUD, NEB.—Red Cloud Street Ry. 1 m, 3 c, 6 mu. Proprietor, L. Crabill. 2 3

REDLANDS, CAL.—Redlands St. Ry. Co. 3½ m, 4-2 g 20 lb T r, 1 open c, 8 mu. Pres. A. E. Sterling, V. Pres. S. J. Hayes, Sec. E. W. Willmot, Treas. First National Bank. Capital, \$50,000. 11 2

RED OAK, IA.—Red Oak St. R. R. Co. 1½ m, 4-2½ g, 20 lb flat r, 2 c, 4 mu. Pres. Gen. Man. & Supt. M. Bonham, V. Pres. J. Hayes, Sec. F. M. Byrket. Capital \$75,000. 7 1

RICHMOND, IND.—Richmond City Elec. St. Ry. Co. 11 m, 4-8½ g, 40, 60 lb T r, 24 c, of which 14 are m c and 10 t c. T-H system. Pres. J. F. Miller, Sec. R. B. Harrison, Treas. D. G. Reid, Gen. Man. A. D. Tiltworth, Elec. Supt. E. Kessler. Capital \$200,000. 10 3

RICHMOND, VA.—Richmond Ry. & Electric Co. 50 m, 4-8½ g, 45-55 lb flat and c b r, 112 c. Edison and Westinghouse systems. Pres. J. P. Munn, Treas. & Gen. Man. G. E. Fisher; Supt. City Division, C. Selden; Supt. Union Division, J. W. Wilbur; Supt. Manchester Division, B. R. Selden. Capital, \$1,250,000; authorized, \$2,000,000. Office, 909 Bank St. New York office, 261 Broadway. 3 3

North Side Land & Highland Park R. R. Co. Elec. 3 m, 50 lb T & flat r. Westinghouse system. Pres. N. V. Randolph, V. Pres. B. F. Johnson, Sec. & Treas. F. Mosby, Gen. Man. J. D. Mosby. Operated by Richmond & Manchester Ry. Co. 8 1

RIVERSIDE, CAL.—Riverside & Arlington St. Ry. 12½ m, 4-6 g, 22-34 lb T r, 6 c, of which 3 are 4-wheel box & 3 4-wheel open, 20 mu. St. Louis cars Pres. S. C. Evans, V. Pres. O. Backus, Sec. F. A. Miller, Treas. Riverside Banking Co., Gen. Man. G. O. Newman, Supt. J. C. Little. Capital \$40,000; authorized \$200,000. 6 3

ROANOKE, VA.—Roanoke St. Ry. Co. Elec. and steam. 23 m, 4-8½ g, 50 lb T r, 14 c, of which 9 are m c and 5 t c. Westinghouse and Edison systems. Pres. S. W. Jamin, V. Pres. & Treas. J. T. Engleybe Sec. G. C. McCahan, Gen. Man. & Supt. W. F. Carr. Capital, \$300,000; authorized, \$500,000. Bonds, \$200,000. Office, 301 Terry Bldg. 9 3

ROCHESTER, PA.—People's Electric St. Ry. Co. 4 m, 5-2½ g, 45 lb T & girder r, 4 m c. T-H system. Laclede cars. Phoenix engines. Pres. H. P. Brown, Sec. J. P. Stone, Treas. C. H. Bentel, Supt. C. A. Danals. Capital, \$150,000. Bonds \$50,000. 9 3

ROCHESTER, N. Y.—Rochester Ry. Co. Elec. 76 m, 4-8½ g, 40, 78 lb girder & T r, 207 c, of which 151 are m c and 56 t c, 80 h. Short and Westinghouse systems. Pres. John N. Beckley, V. Pres. B. Graham, Sec. C. A. Williams, Treas. F. P. Allen, Supt. W. Rosborough. Capital, \$5,000,000. Bonds \$3,275,000. Office, 267 State st. 11 2

Grand View Beach Railway Co. Elec. 9½ m, 4-8½ g, 40 lb T r, 7 c, of which 5 are m c and 2 t c. Gen. Elec. system. Newburyport cars. McIntosh & Seymour engines. Pres. H. H. Craig, V. Pres. Sec. Treas. & Gen. Man. M. Doyle, Supt. W. H. Gillette. Capital, \$100,000. Bonds, \$200,000. 9 3

Rochester, & Irondequoit Bay Electric Ry. Co. Pres. S. Remington, V. Pres. C. Goetzmann, Sec. & Treas. F. J. Hone. Capital, \$1,000,000. n 12 2

Rochester Electric Ry. Co. 8.86 m, 4-8½ g, 40 lb T r, 18 c, of which 11 are m c and 7 t c. T-H and Short systems. Gilbert and Stephenson cars. Armstrong & Sims and Woodbury engines. Pres. A. Luetchford, V. Pres. J. N. Beckley, Sec. & Treas. M. H. Briggs, Gen. Man. & Supt. C. A. Derr. Capital \$200,000. Office Charlotte. 1 3

ROCK ISLAND, ILL.—Rock Island & Milan St. Ry. Co. 6½ m, 4-8½ g, 20, 30 & 40 lb r, 8 pass c, 8 ft c 7 h, 2 motors. Pres. H. C. Connely, Sec. J. M. Buford Treas. P. Fries, Supt. J. Huntoon. p 1 3

ROCKAWAY, N. Y.—The Rockaway Village Ry. Co. 1 m, 4-8½ g, 47 lb c. b. r, 3 c, of which 2 are box and 1 open, 10 h. Pres. C. A. Cheever, V. Pres. J. D. Cheever, Sec. J. S. Auerbach, Treas. D. L. Haight. Capital \$25,000. Bonds \$25,000. Office, 13 Park Row, New York. 9 3

ROCKFORD, ILL.—Rockford City Ry. Co. Elec. 15 m, 4-8½ g, 40-45 lb tram & T r; 18 m c, 6 h. T-H system. Pres. R. N. Baylis, Sec. G. W. Carse, Treas. W. H. McCutchen, Gen. Man. & Supt. T. M. Ellis, Capital \$150,000. Bonds \$120,000. 11 2

West End St. Ry. Co. Elec. 13.20 m, 4-8½ g, 40, 45 lb T & girder r, 16 c, of which 13 are m c and 3 t c. Short system. Northern cars. Idc engines. Pres., Treas. & Gen. Man. J. S. Ticknor, V. Pres. O. W. Haegg, Sec. Treas. & Supt. F. A. Ticknor. Capital, \$61,000; authorized, \$75,000. Bonds, \$100,000. Office, 205 S. Main st. 6 3

ROCKLAND, MASS.—Rockland & Abington St. Ry. Co. Elec. 18 m, 4-8½ g, 45, 50, 60 lb T & girder r, 10 m c. Jones cars. Pres. E. P. Reed, Sec. G. W. Kelley, Treas. C. N. Cobb, Supt. A. H. Walcott, Capital \$60,000. 3 3

ROCKLAND, ME.—Rockland, Thomaston & Camden St. Ry. Co. Elec. 14½ m, 4-8½ g, 50 lb T r, 23 c. Edison system. Briggs cars. Hamilton Corliss engines. Pres. & Gen. Man. G. E. Macomber, V. Pres. H. L. Shepherd, Sec. H. M. Heath, Treas. A. D. Bird, Supt. H. C. Weston. Capital, \$300,000. 9 3

ROCKPORT, TEX.—Aransas Pass St. Ry. Co. 4 m, 4 g, 20 lb T r, 2 c, 4 mu. Pres. H. W. Davis V. Pres. W. P. Poland, Sec. & Treas. C. W. Booth Capital, \$25,000. Address Box 129, P. O. 9 3

ROME, GA.—Rome St. R. R. Co. (Operates North & South St. Ry.) 6½ m, 4-8 g, 40, 45 lb T r, 10 c, of which 4 are m c and 6 t c. Edison system. Brill and Lamokin cars. Ball engines. Pres. & Gen. Man. John S. Lawrence, Sec. L. A. Dean, Treas. J. King. Capital, \$100,000. Bonds, \$100,000. Office, East First St. 2 3

ROME, N. Y.—Rome City St. Ry. Co. Elec. 6½ m 4-8½ g, 38½ lb girder r, 14 c, 15 h. Stephenson cars. Pres. J. S. Wardwell, V. Pres. A. C. Kessinger, Sec. & Treas. W. P. Rayland. Capital, \$50,000. Bonds, \$125,000. Offices, 115 John st. 9 3

RONDOUT, N. Y.—Kingston City R. R. Co. Elec. 2.77 m, 4-8½ g, 72 lb girder r, 6 m c. Gen. Elec. system. Pullman cars. Payne engines. Pres. S. D. Coykendall, Sec. & Treas. Peter E. Schoonmaker, Auditor Oscar L. Eastman, Gen. Man. Geo. Coykendall. 9 3

ROXBOROUGH, PA.—Manayunk & Roxborough Incline Plane & Ry. Co. 7½ m, 5-2½ g, 48 lb r, 5 c, 36 h. Pres. G. M. Brill, Sec. F. Pearson, Treas. C. J. McGilchay, Supt. J. Bramble. Capital, \$58,475. Office, Roxborough. 9 3

RUTLAND, VT.—Rutland St. Ry. Co. 8 m, 4-8½ g, 20 lb T r, 10 c, of which 8 are 4-wheel box & 2 4-wheel open, 30 h. Brill and Stephenson cars. Pres. J. W. Cramton, Sec. S. M. Willson, Treas. N. K. Chaffee, Supt. M. McKeough. Capital \$50,000. Bonds \$28,000. Office 60 State St. 9 3

S

SACRAMENTO, CAL.—Central St. Ry. Co. Elec. (includes Sacramento City and Highland Park). 19½ m, 4-8½ g, 30 to 65 lb girder & T r, 27 c, of which 24 are m c and 3 t c. T-H and Edison systems. Pres. J. H. Henry, V. Pres. L. L. Lewis, Sec. H. A. Lewis, Treas. National Bank (D. O. Mills & Co.). Gen. Man. J. B. Edson, Supt. C. M. Spangler. Capital, \$500,000. Bonds \$25,000. Office, 28 and N sts., Sacramento. 9 3

SAGINAW, MICH.—City of Saginaw St. R. R. Co. 3½ m, 4-8½ g, 42 lb c. b. r, 16 c, of which 9 are 4-wheel box & 7 4-wheel open, 50 h. Pres. David H. Jerome, Sec. & Treas. Geo. L. Burrows, Supt. Fred G. Benjamin. Capital \$30,000. Office, 426 N. Hamilton st. 6 3

Saginaw Union St. Ry. Elec. 25 m, of which 1 is horse and 24 elec. 4-8½ g, 35-60 lb T and tram r, 45 c, of which 1 is h c, 27 m c and 17 t c, 12 h. Detroit system. Brill, Gilbert and Jones cars. Bartlett-Corliss engines. Pres. F. E. Snow, V. Pres. W. A. Jackson, Sec. & Treas. J. M. Nichol, Gen. Man. W. J. Hart. Capital, \$200,000. Bonds, \$25,000. 9 3

ST. CATHARINE'S, ONT.—St. Catharine's, Merritt & Thorold St. Ry. Co. Elec. 8¼ m, 4-8½ g, 30 lb T & flat r, 10 c, of which 8 are m c and 2 t c. Van Depoelle system. Pres. W. B. Gilleland, V. Pres. & Gen. Man. T. Nihan, Sec. & Treas. T. E. Nihan, Jr. Capital, \$80,000. Office, St. Paul st. 3 2

ST. CLOUD, MINN.—St. Cloud City St. Car Co. Elec. 10 m, 4-8½ g, 40 lb T r, 8 m c. T-H system. St. Louis cars. Pres. H. M. Byllesly, V. Pres. C. K. Stearns, Sec. W. P. Johnson, Treas. G. C. Duffie, Supt. C. S. Benson. Capital \$100,000. Bonds, \$125,000. 9 3

St. Cloud & Sauk Rapids Ry. Co. 3 m, 2 m c. T-H system. 9 3

ST. JOHN, N. B.—The Consolidated Electric Co., Ltd., 5 m, 4-8½ g, 45-60 lb r, 5 m c. Edison system. Pres. John F. Zebley, Sec. H. B. Zebley, Gen. Man. C. D. Jones, Supts. A. R. Bliss, J. R. Purdy. 4 3

ST. JOSEPH, MICH.—St. Joseph & Benton Harbor Electric Ry. & Light Co. 5½ m, 4-8½ g, 45 & 52 lb T & Johnson r, 12 c, of which 6 are m c and 6 t c. T-H system. Pres. & Gen. Man. W. W. Bean, V. Pres. G. M. Bell, Sec. W. H. Hull, Treas. W. G. Keith, Supt. H. C. Mason. Capital, \$100,000. 6 3

ST. JOSEPH, MO.—People's St. Ry., Electric Light & Power Co. 12 m, 4-8½ g, 40 lb T r, 16 m c. T-H & Edison systems. Pres. J. T. Gardner, V. Pres. & Man. W. T. Van Brunt (St. Joseph). Supt. J. H. Van Brunt. Office, 511 Francis st. 11 2

Union Ry. Co. Elec. 10 m, 4-8½ g, 40 lb T r, 25 c, of which 21 are m c and 4 t c. T-H and Edison systems. Pres. J. T. Gardner, V. Pres. & Gen. Man. W. T. Van Brunt, Supt. J. H. Van Brunt. 11 2

Wyatt Park Ry. Co. Elec. 8 m, 4-8½ g, 40 lb T r, 13 c, of which 9 are m c and 4 t c. T-H & Edison systems. Pres. J. T. Gardner, V. Pres. & Gen. Man. W. T. Van Brunt, Supt. J. H. Van Brunt. 11 2

ST. LOUIS, MO.—Baden & St. Louis R. R. 3 m, 4-10 g, 24, 28, 42½ lb T & tram r, 10 c, 27 h. Pres. & Gen. Man. Geo. S. Case, V. Pres. F. J. McMaster Supt. H. Nelson. Capital, \$50,000. Office, Broadway near Baden ave. 11 2

Benton-Bellefontaine Ry. Co. Elec. 13 m, 4-10 g, 78 lb girder r, 50 m c. T-H system. Philadelphia-Corliss engines. Pres. James Campbell, V. Pres. & Gen. Man. Robert McCulloch, Sec. W. F. Reed, Supt. J. W. Todd. Capital, \$325,000; authorized, \$500,000. Bonds, \$500,000. Office, 4238 N. 20th st. 6 3

Cass Avenue & Fair Grounds Ry. Co. (Includes Northern Central and Union Rys.) 35 m, 4-10 g, 78, 70 lb girder r, 70 m c. T-H system. Pres. D. G. Hamilton (Chicago), V. Pres. & Gen. Man. Robt. McCulloch, Sec. & Treas. C. N. Duffy, Capital \$2,000,000; authorized, \$2,500,000. Bonds, \$2,000,000. Office 3,820 Easton Ave. 6 3

Citizens' Ry. Co. 16 m, 13 of which are cable, & 3 horse 4-10 g, 63 lb girder r, 172 c, of which 57 are box, 60 open & 55 g, c, 67 h & mu. Pres. D. G. Hamilton (Chicago), V. Pres. & Gen. Man. Robt. McCulloch Sec. & Treas. C. N. Duffy. Capital \$1,500,000. Office, 3,820 Easton Ave. 6 3

Denverside St. Ry. Co. (Operated by St. Louis & E. St. Louis Electric Ry. Co.) Elec. 3 m, 4-10 g, 36 lb T r, 4 c, 12 mu. Pres. G. W. Ballantine, V. Pres., Sec. & Supt. J. Scherrer, Treas. J. T. McCasland, Gen. Mans. Scherrer & Son. Capital, \$250,000. 6 3

Forest Park & Laclede Ave. & Fourth St. Ry. Co. Elec. Operated by Missouri R. R. Co.

Fourth St. & Arsenal Ry. Co. 5 m, 4-10½ g, 44 lb steel tram r, 12 box c, 90 h. Pres. Chas. Green, V. Pres. & Gen. Man. J. Mahoney, Sec. & Treas. R. J. Macdonald. Capital \$150,000. Office 1,801 Park ave. 1 2

Jefferson Ave. Ry. Co. 5.7 m, 4-10 g, 56 lb tram r 40 c, of which 20 are box & 20 open, 190 mu. Pres P. C. Maflit, Sec. W. D. Henry, Supt. T. W. Murphy Gen. Man. J. Scullin. Capital \$12,000. Office, Jefferson ave. & Gravois road. 3 1

Lindell Ry. Co. Elec. 35 m, 4-10 g, 78, 81 lb girder r, 190 c, of which 30 are comb'n c and 160 m c and t c. Edison and Short systems. Brill and St. Louis cars. Porter-Allen engines. Pres. E. Whitaker, V. Pres. C. D. McClure, Sec. & Treas. Jas. Adkins, Gen. Supt. Geo. W. Baumhoff. Capital, \$2,500,000. Bonds \$1,500,000. Office, 2330 Chouteau Ave. 6 3

Midland St. Ry. Co. Elec. 3 m, 4-10 g, 35 lb T r, c, of which 1 is m c and 2 t c. T-H system. Pres. F. Kuhn, V. Pres. E. C. Robbins, Sec. & Treas. G. Kingsland, Gen. Man. E. H. Benolist. Capital \$20,000. Office, 823 N. 2d St. 6 3

Missouri R. R. Co. Elec. 27.52 m, 9.06 of which are cable and 18.46 elec. 4-10 g, 63 lb girder r, 290 c, of which 40 are g, c, 44 m c and 206 t c. T-H system. American, Brill and Brownell cars. Harris & Hamilton engines. Pres. & Gen. Man. P. C. Moffit, V. Pres. J. R. Lionberger, Sec. & Treas. F. R. Henry, Supt. James F. Davidson. Capital \$2,300,000; authorized \$2,400,000. Office, 10 S. Compton Ave. 9 3

Mound City Ry. Co. Elec. 8 m, 25 m c, 25 t c. T-H system. Pres. John Scullin, V. Pres. Frank Carter Sec. Jas. H. Roach, Treas. C. M. Seaman, Supt. Jas Scullin. Capital \$525,000; authorized \$1,525,000. Office, 2,500A St. Louis ave. 11 2

People's R. R. Co. Cable. 9½ m, 4-10 g, 78 lb girder r 100 c, of which 40 are g c and 60 t c, 12 h. Brownell and Stephenson cars. Hooven, Owens & Rentschler engines. Pres. Chas. Green, V. Pres. & Gen. Man. J. Mahoney, Asst. Sec. & Treas. D. J. Mahoney. Capital, \$300,000; authorized, \$1,000,000. Office, 1,801 Park ave. 9 3

Southern Electric Ry. Co. Elec. 16 m, 4-10 g, 78 lb girder r, 120 c, of which 40 are m c and 80 t c. T-H system. Allis and Ball engines. Pres. Tom L. Johnson, Sec. Treas. & Gen. Man. Jos. S. Minary, Supt. J. C. Allen. Office, 4,041 So. Broadway. 9 3

St. Louis R. R. Co. Cable. 14½ m, 4-10 g, 78 lb girder r, 240 c, of which 80 are g c and 80 box & 80 open c. Pres. D. G. Hamilton (Chicago), V. Pres. C. Pepper Sec. & Treas. R. B. Jennings, Gen. Man. Robt. McCulloch. Capital, \$2,000,000. 6 3

St. Louis & East St. Louis Electric Ry. Co. (Operates Denverside Ry.) 2 m, 4-10 g, 48-56 lb Johnson girder r, 12 m c. T-H system. Pres. D. R. Powell, V. Pres. C. C. Carroll, Sec. D. T. Breck, Asst. Supt. W. H. Williams. Capital \$250,000. Bonds \$75,000. Office, 115 N. 3d st. 6 3

St. Louis & Suburban Ry. Co. Elec. 28 m, 4-10 & 3 g, 35, 40, 69 lb T & girder r, 45 m c and 60 t c. T-H system. Pres. C. H. Turner, V. Pres. S. M. Kennard, Sec & Treas. S. D. Barlow, Jr., Gen. Supt. T. F. Sneed Capital, \$2,500,000. 6 2

Union Depot R. R. Co. Elec. 54 m, 4-8½ g, 50 & 78 lb girder r; 196 c, of which 80 are m c and 116 t c. T-H system. Pres. J. Scullin, V. Pres. H. Scullin, Sec. Jas. H. Roach, Gen. Supt. T. W. Murphy. Capital \$1,200,000; authorized \$1,200,000. Bonds \$1,000,000 Office, Geyer & Jefferson aves. 11 2

ST. PAUL, MINN.—Twin City Rapid Transit Co (see Minneapolis, Minn).

St. Paul & White Bear Ry. Co. 11½ m, 4-8½ g, 50 lb T r, 13 c, of which 9 are m c and 4 t c. T-H system. Laclede and Pullman cars. Baldwin engines. Pres. & Gen. Man. W. S. Norton, V. Pres. L. K. Stone Sec. & Treas. W. Ruan, Supt. S. B. Livermore. Capital, \$200,000. Bonds, \$200,000. 9 3

ST. THOMAS, CAN.—St. Thomas St. R. R. Co. 2 m, 3-6 g, 30 lb tram r, 4 c, 8 h. Pres. Cameron Currie, V. Pres. J. Winter, Sec. C. W. Smith, Treas S. Hendrie, Man. J. Campbell. Office, St. Thomas Ont. 1 10 0

SALEM, MASS.—(See Lynn).

SALEM, N. C.—Winston-Salem Ry. & Elec. Co (See Winston, N. C.)

SALEM, O.—Salem Electric Ry. Co. 3¼ m, 4-8½ g 45 lb Johnson girder r, 6 c, of which 4 are m c, and 2 t c. T-H system. Pres. & Treas. M. Davis, V. Pres. J. M. Evans, Sec. & Gen. Man. D. L. Davis. Capital, \$100,000. Bonds, \$50,000. Office, 210 E. Main st. 9 3

SALEM, ORE.—Salem Consolidated St. Ry. Co. 8 m, 4-8 1/2 g, 40 lb T r, 9 m c. Edison system. Brill, Pullman and Stockton cars. Beck, Sloux City and Westinghouse engines. Pres. C. B. Markle, V. Pres. E. P. McCormack, Sec. F. H. Page, Treas. A. P. Fuller, Gen. Man. F. R. Anson, Supt. L. McGrew, Capital, \$239,900; authorized, \$500,000. Bonds, \$250,000. Office, 179 Commercial St. 9 0

SALINA, KAN.—Consolidated St. Ry. & Lt. Co 4 m, 4-8 1/2 g, 52 lb T r, 4 m c. Detroit system. V. Pres. E. H. Chandler, Sec. & Treas. C. F. French, Supt. C. L. Baum Capital, \$100,000. Bonds, \$50,000. 11 2

SALT LAKE CITY, UTAH.—Salt Lake City R. R. Co. Elec. 42 m, 4-8 1/2 g, 30, 35, 40, 72, lb. T r, 63 c, of which 57 are m c and 6 t c; Westinghouse, T-H & Edison systems. Stephenson cars. Fraser & Chalmers engines. Pres. A. W. McCune, V. Pres. R. C. Chambers, Sec. & Treas. Joseph S. Wells, Supt. Walter P. Read, Capital, \$650,000; authorized \$1,000,000. Bonds \$650,000. Office Hooper building. 9 3

Salt Lake Rapid Transit Co., Elec. 32 m, 4-8 1/2 g, 35 40, 79 lb T & girder r, 41 c, of which 30 are m. c. and 11 t c. 3 h. T-H., Edison and Westinghouse systems. Stephenson & Woebler cars. Ide engines. Pres. & Gen. Man. J. S. Cameron, V. Pres. J. M. Donnellan, Sec. C. B. Jock, Treas. G. S. Gannett, Supt. A. M. Hinckley. Capital, \$500,000. Office, 176 State st., Rooms 14, 15, 16. 9 3

West Side Rapid Transit Co. Elec. & Steam. 8 m, of which 6 are steam and 2 elec, 4-8 1/2 g, 30 lb T r, 5 c of which 2 are steam comb'n m c, 2 m c and 2 t c. T-H system. Pres. S. F. Walker, Sec. F. Harris, Treas. W. S. McCormick, Gen. Man. & Auditor, J. G. Jacobs, Supt. C. S. Wilkes. Capital \$300,000. Bonds \$400,000. Office Eagle Block. 3 3

SAN ANTONIO, TEX.—San Antonio St. Ry. Co. Elec. 40 m, 40, 50, 56 lb T r, 55 c, of which 40 are m c and 15 t c. T-H system. Pres. & Treas. W. H. Weiss, V. Pres. C. H. Weiss, Sec. E. R. Norton, Supt. J. W. Greer. Capital, \$200,000; authorized, \$1,000,000. Bonds, \$200,000. 11 2

Citizen's Electric Power & St. Ry. Co. 13 m, 4-8 1/2 g, 40, 48 lb T r, 20 c, of which 10 are m c and 10 t c. T-H system. Lewis & Fowler cars. Pres. W. J. Clark, V. Pres. H. E. Barnard, Sec. & Treas. A. H. Dollard, Gen. Man. C. E. Harris, Supt. S. F. Walker. Capital, \$300,000; authorized \$600,000. Bonds \$300,000. Office, 415 Navarro St. 9 3

San Antonio Rapid Transit St. Ry. Co. Elec. 5 m 4-8 1/2 g, 40 lb T r, 3 m c. T-H system. Pres. W. J. B. Patterson, V. Pres. R. H. Russell, Sec. & Gen. Man. G. S. Simons, Treas. C. W. Ogden, Supt. B. W. Randall. Capital, \$200,000. Bonds, \$100,000. 6 3

West End St. Car Co. Elec. 5 1/2 m, 4-0 g, 30 lb T r, 6 c, of which 3 are m c and 3 t c. T-H system. Pres. & Gen. Man. G. W. Russ, V. Pres. F. H. Baldwin, Sec. J. N. Groesbeck, Treas. Thad. W. Smith, Gen. Man. G. W. Russ, Supt. F. M. Dowden. Office, 285 Commerce St. 11 2

SAN BERNARDINO, CAL.—Southern California Motor Road Co. 12 m, 4-8 1/2 g, 40 lb T r, 6 c, 3 Baldwin motors. Receiver I. H. Poik, Sec. & Treas. W. S. Hooper, Supt. H. C. Gulteau. Capital, \$1,000,000. Office, 3rd & E Sts. 2 3

San Bernardino St. Ry. Co. 1 1/2 m, 3 ft. g, 20 lb T r, 2 c, 2 h. Pres. I. R. Brunn, Sec. & Treas. W. S. Hooper. Capital \$50,000. 6 3

SAN DIEGO, CAL.—San Diego Cable Ry. Co. 10 1/2 m, 3-6 g, 20-30 Z & T r, 14 c of which 10 are comb'n & 4 open. Receiver, G. H. Hensley. 11 2

San Diego Electric Ry. Co. 20 m, of which 5 are horse and 15 elec, 4-8 1/2 g, 35, 40, 52 1/2 lb T & girder r, 40 c, of which 30 are h c and 10 m c. T-H system Pres. A. B. Spreckels, V. Pres. E. S. Babcock, Sec., Treas. & Gen. Man. J. A. Flint. Capital \$500,000 authorized \$350,000. Office E and Arctic sts. 9 3

San Diego, Old Town & Pacific Beach R. R. Co. Dummy. 1 1/2 m, 4-8 1/2 g, 35, 40 lb T r, 11 passenger c, and 3 motors. Pres. & Gen. Man. H. Dabury, Sec. R. P. Dabury. Capital, \$250,000. 11 2

SAN FRANCISCO, CAL.—California Street Cable R.R. Co. 11 m, 3-6 g, 84 lbs-b r, 60 c. Pres. J. B. Stetson, V. Pres. Antoine Borel, Sec. Albert Stetson Treas. A. Borel & Co., Gen. Man. & Supt. J. W. Harris. Office, Cor. California & Hyde sts. 6 3

Market St. Ry. Co. (Controls Central, City, Ferries & Cliff House, Geary St. & Ocean, North Beach & Mission, Omnibus and Potrero & Bay View Railroads) 175 m, of which 76 are cable, 75 orse 10 elec and 15 steam, 3-6, 4-8 1/2, 5 g, 37, 40, 45, 61, 62 lb combination r, 67 c, of which 200 are g c, 15 dummies, 19 steam c 463 h. Pres. C. F. Crocker, V. Pres. H. E. Huntington, 2d V. Pres. & Gen. Man. M. D. Stein, Sec. & Controller S. L. Willcutt, Treas. N. T. Smith, Supts. A. W. Barron, N. J. Bailey, J. F. Clark, H. O. Rogers, M. Skelly, H. H. Lynch, Man. of Purchases and Supplies, R. P. Schwerin, Engrs. G. H. Fairchild, L. M. Clement. Capital \$18,000,000. Office, 4th & Townsend sts. 10 3

Metropolitan St. Ry. Co. 11 m, 5 g, 40 lb girder r, 72 m c. T-H system. Pres. W. Easton, V. Pres. P. N. Lillenthal, Act. Sec. C. C. Minifie, Supt. H. A. Idings. 6 3

Presidio & Ferries R. R. Co. 1 1/2 m of which 7/8 are cable, 2 horse & 2 steam, 5 g, 40 & 42 lb c b r, 30 c of which 5 are h c and 25 g c, 30 h. Pres. G. A. Newhall, V. Pres. H. M. A. Miller, Sec. John B. Leighton, Treas. J. C. Johnson, Supt. L. F. Kydd. Capital \$10,000. Bonds \$250,000. Office, 1,111 Union St. 6 3

San Francisco & San Mateo Ry. Co. 21 m, 4-8 1/2 g 50 lb T & comb'n r, 33 c, of which 30 are m c and 3 t c. T-H system. Pres. & Gen. Man. B. Joost, V. Pres. C. C. Butler, Sec. G. T. Smith, Treas. Nevada Bank of San Francisco, Supt. F. C. Simpson. Capital \$2,000,000. Bonds \$1,100,000. Office 30th St. & San Jose Ave. 6 3

Sutter St. Ry. Co. 13 m of which 1.3 are horse & 11.7 cable, 5 g, 46 lb s b r, 50 c, 100 h. Pres. R. F. Morrow, V. Pres. J. L. Schmitt, Sec. A. K. Stevens Treas. M. Schmitt, Supt. J. Reynolds. Office, corner Sutter & Polk sts. Capital \$2,000,000. 9 3

SAN JOSE, CAL.—San Jose & Santa Clara R.R. Co Elec. 12 m, of which 1 ls horse & 11 elec, 3 g, 20 & 35 lb T r, 26 c, of which 4 are h c, 13 m c and 9 t c. T-H & Edison systems. Pres. J. H. Henry, V. Pres. & Gen. Man. J. P. Burke, Sec. J. T. McGeoghegan, Supt. W. W. Skinner. Capital \$500,000. Bonds \$200,000. Office The Alameda. 6 3

First St. R. R. Elec. 10 m, 3 g, 30 lb steel T r, 12 c of which 7 are m. c. and 5 t. c. T-H system. Jacob Rich, Sole Owner; Sec. E. M. Rosenthal. 2 2

First St. & San Pedro St. Depot R. R. Co. Pres. Frank C. Bethel.

San Jose & Alum Rock Park Motor Road. 4 m, 3 g, 30 lb T r; 18 c, of which 6 are Damar Best Electro Vapor motor cars and 12 t c. Capital \$150,000. Address R. H. Quincey, San Jose. 3 2

Willow Glen R.R. 2 1/2 m, 3 g, 20 lb steel T r, 3 c, 20 h Sole owner Jacob Rich, Sec. E. M. Rosenthal. 7 0

SAN LUIS OBISPO, CAL.—San Luis St. Ry Co. 2 1/2 m, 3 g, 16 lb T r, 5 c, of which 2 are 4-wheel box & 3 4-wheel open, 10 h. Owned by West Coast Land Co. Pres. J. L. Howard, V. Pres. R. E. Jask, Sec. & Gen. Man. C. H. Phillips. Office, Higuera St. 11 2

SANDUSKY, O.—Sandusky St. Ry. Co. Elec. 1 1/2 m, 4-8 1/2 g, 45 lb T and girder r, 14 c, of which 12 are m c and 2 t c. Westinghouse system. Brownell and Gilbert cars. Pres. A. J. Stoll, V. Pres. C. Moss, Sec. & Treas. G. F. Anderson, Supt. E. G. Schmidt. Capital \$119,000; authorized \$150,000. Bonds \$40,000. 6 3

People's Electric Railway Co. 6 1/2 m, 4-8 1/2 g, 40-45 lb T & girder r, 8 m c. Westinghouse system. Pres. H. C. Post, V. Pres. G. Barney, Sec. & Treas. A. W. Prout, Gen. Man. T. Wood, Supt. E. L. Crawford Capital \$80,000; authorized \$100,000. Bonds \$31,500 Office 122 Lawrence st. 2 3

Sandusky, Milan & Huron Electric Ry. Co. Receiver, J. C. Gilchrist, Jr. Capital, \$80,000; authorized \$100,000. Office, 122 Lawrence St. n 8 3

SANFORD, ME.—Mousam River R. R. Co. Elec 2 1/2 m, 4-8 1/2 g, 60 lb T r, 4 c of which 2 are m c and 2 t c. Westinghouse system. Amesbury and Briggs cars. Somersworth engines. Pres. E. M. Goodall, V. Pres. C. B. Goodall, Sec. G. B. Goodall, Treas. G. F. West, Gen. Man. & Supt. E. K. Day. Capital, \$75,000. 9 3

SANTA ANA, CAL.—Santa Ana, Orange & Tustin St. Ry. Co. 10 m, 3-6 g, 16 & 25 lb steel T r, 6 c, 10 h, 6 mu. Pres., Supt. & Gen. Man. M. J. Bundy, V. Pres. Noah Palmer, Treas. Commercial Bank, Sec. Miss. M. A. Ross-Lewin. Office, 419 North Main St Capital \$35,660; authorized \$50,000. 11 2

SANTA BARBARA, CAL.—Santa Barbara St. R.R. Co. and Citizens' St. R. R. Co. of Santa Barbara. 7 m, 3-6 g, 20 lbs T r, 7 c, 36 mu. Pres. Warren Gillien, Sec. & Supt. C. R. Diver, Treas. G. H. Bonebrake. Capital \$50,000; bonds \$50,000. Office, State st. 6 3

SANTA CRUZ, CAL.—Santa Cruz Electric Ry. Co. (Operates Pacific Ave. R. R.) 7 m, 3-2 g, 35, 40 lb girder & T r, 8 m c. T-H system. Pres. J. H. Logan, V. Pres. E. G. Green, Sec. F. W. Swanton, Treas. Bank of Santa Cruz County, Gen. Man. F. W. Ely. Capital \$500,000. 6 3

SANTA ROSA, CAL.—Santa Rosa, St. R. R. Co. 1 1/2 m, 3-6 g, 12 lb T r, 5 c, 4 h, 3 mu. Pres. M. L. McDonald, Sec. & Treas. M. L. McDonald, Jr. Capital, \$25,000. 5 3

Central St. Ry. Co. 3 m, 3-6 g, 24, 35 lb flat r, 4 c. Pres. J. D. Barnett, Sec. J. W. Warboys, Treas. W. Prindle. Capital, \$25,000. 5 3

Union St. Ry. Co. 4 m, 3 6 g, 35 lb flat r, 8 c. Pres. B. M. Spencer, Sec. J. M. Farnham, Treas. J. H. Bush. Capital, \$50,000. 5 3

SARATOGA, N. Y.—Union Electric Ry. of Saratoga. 10 m, 4-8 1/2 g, 50 lb T r, 20 c, of which 8 are m c and 12 t c. T-H system. Pres. C. E. Arnold Sec. M. Nussbaum, Treas. E. J. Slatery. Capital \$300,000. Bonds, \$100,000. 9 2

SARNIA, ONT.—Sarnia St. Ry. Co. 4 m, 4-8 1/2 g, 40 lb T r, 9 c, 21h. Pres. Jas. S. Symington, V. Pres. James Smith, Sec. & Gen. Man. H. W. Mills. Capital, \$30,000. Office, Industrial Bank Building. 9 3

SAUGATUCK, CONN.—Westport & Saugatuck Horse R. R. Co. (See Westport, Conn.)

SAULT STE. MARIE, MICH.—Sault Ste. Marie St. Ry. Co. Elec. 4.25 m, 4-8 1/2 g, 20 lb T r, 5 m c. Detroit system. Pres. Thos. Ryan, V. Pres. B. F. McEvoy, Sec. & Treas. James R. Ryan, Gen. Man. Lorenzo G. Cody, Supt. G. A. Cody. Capital, \$25,300. Cash paid in to equip, \$60,000. 2 3

SAVANNAH, GA.—City & Suburban R. R. Co. (Includes Savannah, Thunderbolt & Isle of Hope Ry. Co.) Elec. 29 m, of which 4 are steam and 25 elec. 5 g, 35-52 lb c b & T r, 50 c, of which 10 are steam c, 30 m c and 10 t c. T-H system. Cope-Corliss engines. Pres. J. H. Johnson, V. Pres. H. Parsons, Sec. E. J. Thomas, Treas. E. Schmitt, Gen. Man. F. E. Laughton. Capital, \$50,000. 9 3

Savannah St. Ry. Elec. 12 1/2 m, 4-8 1/2 g, 50 lb T & c b r, 26 c, of which 17 are m c and 9 t c. T-H system. Pres. W. G. Cooper, Sec. H. C. Cunningham Treas. & Gen. Man. Clement Saussy. Capital, \$100,000 authorized, \$500,000. Bonds, \$250,000. Office, Haversham & St. Thomas sts. 2 3

SCHENECTADY, N.Y.—Schenectady St. Ry. Co. Elec. 5 1/2 m, 4-8 1/2 g, 60 lb T and girder r, 11 m. c. Edison system. Gilbert and Jones cars. Westinghouse engines. Pres. John Kreuz, V. Pres. E. H. Lewis, Treas. W. E. Gilmore, Gen. Man. H. S. Cooper, Supt. F. J. Mynderse. Capital \$300,000. Bonds \$250,000. Office, 224 State st. 6 3

SCRANTON, PA.—People's St. Ry. Co. Elec (Operates Nayaug, Crosstown, Scranton & Suburban and Scranton Passenger). 30 m, 4-8 1/2 g, 40 & 52 lb girder & T r, 88 m c. Westinghouse system. Dickson-Corliss engines. Pres. P. S. Page, V. Pres. & Gen. Man. H. H. Archer, Sec. & Treas. Horace E. Hand, Supt. C. H. Smith. Capital, \$600,000. 9 3

Scranton Passenger Ry. Co. Westinghouse system. Capital, \$50,000. Bonds, \$100,000. Owned and operated by People's St. Ry. Co. 9 3

Scranton & Suburban Ry. Co. (Merged with Nayaug and Crosstown Ry.) Westinghouse system. Capital, \$100,000. Bonds \$200,000. Leased to and operated by People's St. Ry. Co. 9 3

Scranton Traction Co. (Operates People's, Nayaug, Crosstown, Scranton & Suburban and Scranton Pass. Rys.) Pres. ——— V. Pres. J. P. Ilesley, Sec. & Treas. C. F. Stevens, Gen. Man. H. H. Archer. Gen. Supt. C. H. Smith, Audr. J. H. Gormley. Capital \$2,000,000. Bonds \$1,000,000. 9 3

SEARCY, ARK.—Searcy & West Point R.R. Co. 8 1/2 m, of which 3 1/2 are horse & 5 steam, 4-8 1/2 g, 35 lb T r, 4 c, 1 mu. St. Louis cars. Porter engines. Pres. W. H. Lightle, V. Pres. E. A. Robbins, Sec. W. S. Lay, Treas. J. S. Sanford, Gen. Man. & Supt. J. Hicks. Capital \$75,000. 9 3

SEATTLE, WASH.—Grant Street Electric Ry. Co. 7 m, 3-6 g, 56 lb girder & T r, 12 m c. Sander cars. Westinghouse engines. Pres. & Gen. Man. F. E. Sander, V. Pres. N. B. Sander, Sec. & Treas. L. D. Bruns, Supt. R. E. Sander. Capital, \$200,000. Bonds, \$125,000. 9 3

Green Lake Electric Ry. Co. 4 1/2 m elec. 4-8 1/2 g, 40 lb T r, 4 c, of which 2 are m c and 2 t c. T-H system. Pullman cars. Pres. W. D. Wood, V. Pres. J. Ledv. Sec. & Treas. C. A. Kilbourne, Gen. Man. E. C. Kilbourne. Capital, \$60,000; authorized, \$70,000. Bonds, \$50,000. Office, 515 Second St. 2 3

Madison St. Cable Ry. Co. (Controls South Seattle Cable Ry.) 12 1/2 m, of which 7 1/2 are cable and 5 elec. 3-6 and 4-8 1/2 g, 45 lb steel r, 16 comb'n c, 2 m c. T-H system. Pres. H. G. Struve, V. Pres. R. H. Denny, Sec. M. McMicken, Treas. J. Furth, Asst. Sec. W. B. Goodrich, Supt. S. Gibson. Capital \$1,200,000. Office Madison St. Power House. 6 3

Rainier Avenue Electric Ry. Co. 8 m, 4-8 1/2 g, 30-45 lb T & girder r, 20 c, of which 4 are m c and 16 t c. T-H system. Northern cars. Corliss type engine. Pres. J. K. Edmiston, Sec. & Treas. A. C. Marconier, Supt. & Engr. W. M. Camp. Capital, \$250,000. 2 3

Seattle City Ry. Co. Cable. 5 m, 3 g, 16 lb T r, 28 c, of which 12 are g c. and 16 t c. Pres. & Gen. Man. F. E. Sander, V. Pres. N. B. Sander, Sec. L. D. Bruns, Supt. R. E. Sander. Capital, \$600,000. Bonds, \$1,000,000. Office Power House, Yessler Ave. 9 3

Seattle Consolidated St. Ry. Co. (Controls Front St. Cable, North Seattle Cable and Rainier Ry. & Power Co) Elec. 40 1/2 m, of which 7 are cable and 33 1/2 elec. 4-8 1/2 g, 40-45 lb T & girder r, 54 c, of which 38 are m c. and 16 t c. T-H system. Jones and Pullman cars. Reynolds-Corliss engines. Pres. D. T. Denny, V. Pres. J. B. Denny, Sec. V. H. Smith, Treas. R. R. Spencer, Man. D. Thomas Denny, Gen. Supt. C. S. Clark, Audr. A. Dunn. Capital, \$1,200,000; authorized \$1,500,000. Bonds \$871,000. Office, 200 Pike st. 6 3

Union Trunk Line. 12 m, of which 10 are elec and 2 cable; 4-8 1/2 g, 19 c, of which 11 are m c and 8 g c. T-H and Edison systems. Lane & Bodey engines. Pres. E. F. Wittler, V. Pres. J. F. McNaught, Sec. J. D. Lowman, Gen. Supt. E. B. Hussey. Capital, \$1,000,000. Office James St. Power station. 6 3

West Seattle Cable Ry. Co. 2 m, 3-6 g, 4 c. Wheelock engines. Pres. T. Ewing, Man. J. H. Watson. Capital \$150,000. 12 1

West St. & North End Electric Ry. Co. 8 m, 4-8 1/2 g, 35 & 45 lb T & girder r, 14 c, of which 13 are m c and 1 t c. T-H system. Northern Car Co. cars. Hamilton-Corliss engines. Pres. J. Leary, V. Pres. B. Pelly, Sec. E. C. Kellogg, Treas. W. R. Ballard, Gen. Man. & Supt. T. Imeson. Capital, \$1,000,000. Office, cor. Alva & 3d ave. E. 6 3

Woodland Park Electric Ry. Co. 1 1/2 m, 4-8 1/2 g, 60 lb T r, 1 m c. T-H system. Brill cars. Pres. & Gen. Man. G. C. Finney, Sec. & Treas. C. J. Brenton. Office 110 Seneca St. 4 3

SEDALIA, MO.—The Electric Ry., Light & Power Co. of Sedalia. 9 m, 4-8 1/2 g, 35 lb T r, 20 c, of which 4 are h c, 10 m c, and 6 t c. Edison system. Pres. W. E. Sterne, V. Pres. R. R. Moore, Sec. Treas. & Man. D. C. Metsker, Supt. Chas. Carroll. Capital, \$200,000. Bonds, \$175,000. Office, 207 E. 3d St. 6 3

SELMA, ALA.—Selma St. & Suburban Ry. Co. Dummy. 8 m, of which 2 1/2 are horse and 5 1/2 steam 4-8 1/2 g, 20 & 35 lb T r, 10 c, of which 6 are h c and 4 t c, 1 steam motor, 20 mn. Pres. S. H. March, Sec. Treas. & Gen. Man. R. H. McFaddin. Capital, \$30,000. 11 2

SENECA FALLS, N. Y.—Seneca Electric Ry Co 3 1/2 m, 4-8 1/2 g, 40 lb T r, 6 c, of which 2 are m c, & 4 t c. T-H system. Brill cars. Pres. S. L. Phillips, V. Pres. & Treas. J. H. Gould, Sec. C. H. Williams, Supt. E. F. Slack. Capital, \$50,000. 2 3

SHAMOKIN, PA.—Shamokin Electric St. Ry. Co. 3 m, 5-2 g, 35, 48 1/2 lb T & girder r, 6 c, of which 4 are m c and 2 t c. T-H system. Brill cars. engines. Pres. R. S. Aucker, Sec. S. Heckert, Treas. M. Markle, Gen. Man. & Supt. G. Marshall. Capital \$50,000; authorized, \$80,000. Bonds, \$22,500 6 3

Shamokin & Mt. Carmel Electric Ry. Co. 15 m, 4-8 1/2 g, 50 lb. T r 12 c, of which 6 are m c and 6 t c. Pres. E. C. Hamilton, Sec. D. J. Lewis, Treas. H. S. Robins. Office, 321 Independent St. 9 3

SHARON, PA.—Shenango Valley St. Ry. Co. Elec 4 1/2 m, 6-2 1/2 g, 45 lb T & girder r, 4 m c. T-H system New Castle cars. Phoenix engines. Pres. J. C. Whittle, V. Pres. H. W. Reeves, Sec. & Gen. Man. M. L. Knight, Treas. F. G. Barker, Supt. J. O. Patterson. Capital, \$150,000. 9 3

SHEBOYGAN, WIS.—Sheboygan City R. R. 8 m, 4-8 1/2 g, 35-40 tram r, 11 c, 30 h, 30 mu. Laclede cars. Pres. J. M. Saemann, Sec. & Treas. F. Saemann, Supt. C. F. Bacon. Address, J. M. Saemann & Son. Capital, \$50,000. 8 3

SHEFFIELD, ALA.—Sheffield St. Ry. Co. 9 m, 4-8 1/2 g, 35 lb steel r, 5 c, 2 steam motors. Pres. H. B. Tompkins, Supt. W. S. White, Asst. Supt. P. N. Totten, Sec. M. McTyer, Treas. C. D. Woodson. Capital \$50,000. p 12 2

SHERMAN, TEX.—Sherman City R. R. Co. 4 m 4 8 1/2 g, 20, 35 lb T r, 9 c, 50 mu. Pres. Gen. Man & Owner C. W. Batsell, Sec. J. M. Batsell, Treas. C. W. Batsell Jr. Capital, \$50,000. 8 3

College Park Rapid Transit Co. Elec. 4 1/2 m, 4-8 1/2 g 25 lb T r, 5 m c. Edison system. Pres. J. M. Cullers, V. Pres. J. R. Cole, Sec. C. W. Lewis, Treas J. P. Harrison, Supt. H. C. Morrow. Capital, \$24,000 authorized, \$100,000. 11 2

SHREVEPORT, LA.—Shreveport City R.R. Co. 1 1/2 m, 4-4 g, 46 lb r, 6 c, 14 h. Pres. S. Levy, Jr., V. Pres. P. J. Trezovant, Sec. Jules Dreyfuss. 9

Shreveport Ry. & Land Improvement Co. Elec. 5 1/2 m, 4-8 1/2 g, 40-45 T & Johnson girder r, 8 c, of which 4 are m c, & 4 t c. T-H system. Pres. S. B. McCutchen, Sec. W. B. Jacobs, Gen. Man. J. R. Jones, Supt. J. G. Keller. Capital, \$32,000; authorized \$100,000. Bonds \$100,000. Office 525 Spring St. 9 2

SING SING, N. Y.—Ossining Electric Ry. Co. 3 m, 4-8 1/2 g, 50 lb T r, 10 m c. T-H system. Gilbert cars. Bail & Wood and McIntosh & Seymour engines. Pres. A. S. Underhill, V. Pres. J. V. Cockcroft, Sec. F. L. Young, Treas. S. E. Tompkins, Gen. Man. S. D. Lake, Supt. J. Champlain. Capital, \$100,000. Bonds \$100,000. 6 3

SIoux CITY, IA.—Sioux City St. Ry. Co. Elec 17 m, 4 g, 30, 40, 45 & 58 1/2 lb girder r, 50 c, of which 27 are m c, and 23 t c., T-H, Westinghouse & Edison systems. Pullman cars. Allis engines. Receiver, J. C. French, Cashier, F. L. Brown, Supt. I. B. Walker. Capital, \$300,000; authorized \$1,500,000. Office, 510 United Bank Bldg. 8 3

Riverside Park Ry. Co. 9 m elec., 4-8 1/2 g, 40 lb steel T r, 20 c, of which 6 are m c, 8 t c, and 6 freight c Westinghouse system. Northern Car Co. cars. Westinghouse engines. Pres. O. J. Taylor, V. Pres. Jas. E. Booge, Sec. & Treas. C. M. Swan, Supt. B. J. Jones Capital \$250,000. Office, United Bank Bldg. 2 3

Sioux City & Morning Side Ry. Co. Dummy. 6 m, 4-8 1/2 g, 50 lb T r, 6 c. Pres. J. N. Jackson, Sec. T. C. Prescott, Treas. D. L. Pratt. Capital \$100,000. 6 3

Sioux City & Leeds Electric Ry. Co. 5 1/2 m, 4-8 1/2 g 45 lb T r, 5 m c. Detroit system. Pres. A. M. Coffman V. Pres. C. C. Pierce, Sec. W. M. Stevens, Treas. E. W. Skerry, Supt. C. J. Lever. Capital, \$200,000. 6 3

Sioux City Cable Ry. Co. 7 m, 4-8 g, 45 lb Johnson girder r, 34 c, of which 14 are g c and 20 t c. Laclede and Trimble cars. Williams engines. Pres. J. Pelrose, Sec. D. T. Hedges, Treas. W. V. Hedges, Gen. Man. & Supt. C. Moller. Capital, \$250,000. 2 3

Sioux City Rapid Transit Co. Steam. 5 1/2 m, of which 2 m are elevated track; 4-8 1/2 g, 35 & 50 lb T r, 6 c, 2 engines. Northern cars. Porter engines. Pres. E. Haakinson, V. Pres. A. M. Jackson, Sec. A. V. Larimer, Treas. E. C. Peters, Gen. Man. C. E. Haakinson, Supt. T. L. Miller. Capital, \$1,000,000. Office, Chamber of Commerce Bldg. 2 3

Washington Park & Spring Grove Ry. Co. 4 1/2 m, 4-8 1/2 g, 50 lb T r, 3 c. Porter Engines. Pres. E. Haakinson, V. Pres. D. T. Hedges, Sec. & Treas. C. E. Haakinson. Capital, \$250,000. 8 3

SIoux FALLS, S. DAK.—City St. Ry. Co. 9 m 4-8 1/2 g, 30 lb. r, 6 c, 20 h 20 mu. Pres. R. F. Pettigrew, V. Pres. L. T. Dunning, Sec. & Treas. S. L. Tate, Supt. D. P. Beach. 11 2

S. Dakota Rapid Transit Ry. Co. Elec. 7 1/2 m, 4-8 1/2 g, 35, 45 lb T & tram r, 5 c, of which 3 are m c and 2 t c. Edison system. Pullman cars. Armington & Sims engines. Pres. W. R. Kingsbury, V. Pres. C. W. Hubbard, Sec. J. H. Voorhes, Treas. F. H. Hies, Gen. Man. C. C. Crandall, Supt. R. L. Wells Capital, \$100,000. Bonds, \$75,000. 6 3

SOUTH BEND, IND.—South Bend & Mishawaka St. Ry. Co. Elec. 14 m, of which 9 1/2 are horse and 4 1/2 elec; 4-8 1/2 g, 35, 65 lb T r, 22 c, of which 4 are h c, 10 m c and 8 t c, 10 h. T-H system. Stephenson cars. Allis engines. Pres. J. McM. Smith, V. Pres. O. H. Lawrence, Sec. & Treas. I. B. Newcombe. Capital, \$200,000; authorized, \$250,000. Bonds, \$250,000. 6 3

SOUTH CHICAGO, ILL.—See Chicago.

SOUTHINGTON, CONN.—Southington & Plantsville Tramway Co. Elec. 2 1-6 m, 4-8 1/2 g, 25 lb T r, 2 m c. T-H system. Pres. J. H. Osborne, V. Pres. R. W. Cowles, Sec. & Gen. Man. L. E. Southworth, Treas. S. Walkley, Supt. T. L. Dawson. Capital, \$20,000. Bonds, \$16,000. Office, Centre st. 6 3

SPOKANE WASH.—Spokane & Montrose Motor R. R. Co. Elec. 3 1/2 m, 3-6 g, 30 & 35 lb T r, 4 m c T-H and Short systems. Pres. & Treas. Francis H. Cook, V. Pres. E. A. Routhie, Sec. L. C. Cook. Capital \$50,000. Bonds \$40,000. 3 2

Arlington Heights Motor Ry. Co. 2 m, 4-8 1/2 g, 30 lb r, 1 m c. Edison system. Pres. W. Hughson. Capital, \$50,000. 3 3

City Park Transit Co. Elec. 7 m, 4-8 1/2 g, 35 lb T r, 5 m c. T-H system. Pres. D. Glass, Sec. & Treas. C. Glass, Supt. E. J. Comley. Capital \$250,000. 3 3

Ross Park St. Ry. Co. Elec. 10 1/2 m, 4-8 1/2 g, 35 lb T r, 8 m c. T-H system. Pullman cars. Water power. Pres. H. N. Belt, Sec. & Gen. Man. W. S. Norman, Treas. J. D. Snerwood, Supt. E. E. Knowles, Auditor C. S. Smith. 8 3

Spokane St. Ry. Co. (Controlled by Washington Water Power Co. Includes Spokane Electric Ry. and Spokane Cable Ry.) Elec. 25 m, of which 3 are cable and 22 elec., 4-8 1/2 g, 30, 35 & 40 lb T r, 46 c, of which 6 are g c, 26 m c and 14 t c. T-H and Edison systems. Water power. Pres. H. Bolster, Treas. J. D. Sherwood, Gen. Man. W. S. Norman, Supt. E. E. Knowles, Audr. C. S. Smith. Capital, \$500,000. Bonds of all roads authorized, \$600,000. Office, Hazel Block. 3 3

SPRINGFIELD, ILL.—Springfield Consolidated Ry. Co. (Comprises Springfield City Ry. Co. and People's Elec. Ry. Co.) Elec. 22 m, 4-8 1/2 g, 40, 60 lb T r, 51 c, of which 33 are m c and 18 t c. T-H and Detroit systems. Bates-Corliss engines. Pres. T. J. Minary, V. Pres. B. Wilson, Treas. & Gen. Man. C. K. Minary, Supt. F. P. McNeil. Capital, \$750,000. Bonds, \$650,000. 8 3

SPRINGFIELD, MASS.—Springfield St. Ry. Co. Elec. 33 m, 4-8 1/2 g, 56 lb T r, 110 c, of which 100 are m c and 10 t c. T-H system. Pres. John Olmsted, Treas. & Man. A. E. Smith. Capital \$1,000,000. Office cor. Main & Carew sts. 6 3

SPRINGFIELD, MO.—Metropolitan Electric Ry. Co. 17 m, 4-8 1/2 g, 45 lb Johnson girder r, 30c of which 16 are m c, and 14 t c. Westinghouse system. Pres. B. F. Hobart, Sec. & Gen. Man. Frank B. Smith. Capital, \$550,000; authorized, \$600,000. Bonds, \$550,000. 6 3

Robberson Ave. Ry. Co. 6 m c. T-H system. 12 2

SPRINGFIELD, O.—Springfield Ry. Co. Elec. 25 m, 4 g, 45, 60 lb girder & T r, 25 m c. Westinghouse system. Brownell, Laclede and St. Louis cars. Russell & Co. engines. Pres. W. B. McKinley, V. Pres. R. S. Hunter, Sec. B. Hood, Treas. D. W. Slack, Gen. Man. S. L. Nelson, Supt. C. E. Miley. Capital, \$1,000,000. Bonds, \$500,000. 8 3

STAMFORD, CONN.—Stamford Street R. R. Co. 7 m, 4-8 1/2 g, 25, 60 lb T r, 11 c, 48 h. Felgel, Jones and Stephenson cars. Pres. & Treas. R. A. Fodick, V. Pres. Wm. W. Gillespie, Sec. L. J. Curtis, Supt. G. W. Pierce. Capital \$92,500; authorized \$100,000. Bonds \$32,000. Office, Fessenden Block. 6 3

STATEN ISLAND, N. Y.—Staten Island Belt Line R. R. Co. 9 m, 4-8 1/2 g, 25 lb T r, 10 c, 3 h. Receiver James D. Van Hovenburg, 189 Broadway New York, Pres. M. E. Graves. Office, Tompkinsville 9 2

STAUNTON, VA.—City St. Car Co. 5 1/2 m, 4-8 1/2 g 25 & 42 lb. T & girder r, 13 4-wheel box c, 70 mu Pres. E. K. Sibley, New York; V. Pres. D. D. Parmlay; Treas. Andrew Spotts, New York; Gen. Man. R. D. Apperson, Staunton, Va. Capital \$50,000. 1 3

STEBUNVILLE, O.—Stebenville St. Ry. Co. 5 m, 4-8 1/2 g, 35 lb girder r, 6 m c. Edison system. Pres. D. B. Toucey, V. Pres. W. B. Donaldson, Sec. & Treas. T. N. Motley, Supt. J. F. Flood. Capital, \$70,000. Office, 261 Broadway, New York. 8 3

STERLING, ILL.—Union St. Ry. of Sterling & Rock Falls. 7 m, 7 m c. Edison system. Pres. A. H. Howland, Sec. & Supt. W. J. Watson. Treas. G. A. Ellis. 7 2

STILLWATER, MINN.—Stillwater St. Ry. Co. Elec. 5 m, 4-8 1/2 g, 30 lb T & tram r, 8 m c. Edison system. Pres. W. L. Allen, V. Pres. T. O. Swiney Sec. & Treas. E. D. Allen, Supt. J. S. Barrett. Office, Davenport, Ia. 7 1

STILLWATER, N. Y.—Stillwater & Mechanicville St. Ry. Co. 4 1/2 m, 4-8 1/2 g, 25-30 lb T & flat r, 6 c, 8 h. Pres. Gen. Man. & Supt. W. L. Denison, V. Pres. P. Van Vechten, Sec. & Treas. Edw. I. Wood. Capital, \$11,650; authorized, \$40,000. 6 3

STOCKTON, CAL.—Stockton Electric Ry. Co. Elec. 12 m, 3-6 g, 45 lb. s. b. & T r, 22 c, of which 11 are m c, and 11 t c. Westinghouse and T-H systems. Stockton cars. Pres. I. S. Bostwick, Sec. J. Pyfe, Treas. E. R. Hedges, Supt. G. E. Ladd. Capital \$500,000. 8 3

STREATOR, ILL.—Streator Ry. Co. Elec. 5 1/2 m 4-8 1/2 g, 56-67 lb T & girder r, 6 m c. T-H system Pres. P. F. Barr, V. Pres. D. Heenan, Sec. W. Reeves, Treas. J. C. Barlow, Gen. Man. W. Miller. Capital \$250,000. 3 2

STROUDSBURG, PA.—Stroudsburg Passenger Ry. Co. 1 1/2 m, 4-8 1/2 g, 28-30 lb T r, 3 box c, 9 h 3 mu. Pres. & Treas. J. Lantz, Sec. Jacob Houser Gen. Man. W. Kistler. Capital, \$25,600. 3 1

SUNBURY, PA.—Sunbury & Northumberland St. Ry. Co. Elec. 3 1/2 m, 5-2 g, 55 lb girder r, 4 m c. Westinghouse system. Stephenson cars. Harrisburg Rdry. & Mach. Co. engines. Pres. D. Cooldge, Sec. & Treas. S. P. Wolverson, Gen. Man. C. M. Clement Supt. M. Withington Capital \$125,000. 8 3

SYRACUSE, N. Y.—People's R. R. Co. 20 m, 4-8 1/2 g, 47, 67, 68 1/2 lb r, 72 c, of which 31 are box and 41 open, 300 h. Pres. A. N. Palmer, Sec. H. H. Durr. Treas. F. W. Barker, Gen. Man. J. H. Moffitt. Capital, \$1,000,000. 5 3

Syracuse, Eastwood Heights & De Witt R. R. Co. Elec. 10 m, 4-8 1/2 g, 40 lb T r, 2 m c. Short system. Pres. N. S. Williams, Treas. G. B. Leonard, Supt. L. A. Williams. 6 3

Syracuse Consolidated St. Ry. Co. (Includes Fifth Ward, Fourth Ward, Genesee & Water St., Seventh Ward, Syracuse & Geddes, Third Ward and Woodlawn & Butternut railways). Elec. 36 m, of which 16 are horse and 20 elec., 4-8 g, 35 to 66 1/2 lb girder, s b & T r, 100 c, of which 52 are box, 17 open and 31 m c, 320 h. T-H system. Pres. J. Dunn, Jr., V. Pres. P. T. Brady, Sec. W. P. Gannon, Treas. W. R. Kimball, Gen. Man. E. F. Rice, Supt. A. Bartlett. Capital, \$1,250,000. Office, 3 Syracuse Sav. Bank Bldg. 4 2

T

TACOMA, WASH.—Tacoma Ry. & Motor Co. Elec. 48 m, of which 46 are elec. and 2 cable, 3-6 g, 40, 45, 60, 66 lb T & girder r, 31 c, of which 26 are m c and 5 g c. T-H and Edison systems, Pullman cars. Corliss, Frick and Stearns engines. Pres. Paul Schulze, V. Pres. S. Z. Mitchell, Sec. P. H. Kershaw, Treas. T. B. Wallace, Supt. J. H. Davis, Audr., G. W. Bird. Capital \$750,000. Office, A & 13th sts. 6 3

Tacoma & Puyallup R. R. Co. Dummy. 16 m, 3-6 g 40 lb T r, 19 c, of which 5 are pass. & 14 fr. Pres. R. F. Radebaugh, V. Pres. & Treas. Frank O. Meeker Sec. G. W. McAllister, Supt. O. Woods. Capital \$100,000. Office 113 Railroad st., Tacoma. a 3 1

Point Defiance, Tacoma & Edison Ry. Co. 13 m 3-6 g, 40 lb T & steel r, 13 m c. T-H and Edison systems. Brill and Pullman cars. Pres. C. N. Parker, V. Pres. H. W. Topping, Sec. & Treas. C. S. Milliken, Gen. Man. S. Rice, Supt. N. Lawson. Capital \$500,000. Office, 915 Railroad st. 6 3

TAMPA, FLA.—Tampa St. Ry. & Power Co. Elec. 5 m, 4-8 1/2 g, 25, 30 lb T r, 10 m c. General Elec. system. Brill cars. Porter engines. Pres. & Gen. Man. J. H. Ahern; V. Pres. J. R. Ritter, Sec. J. Wright, Treas. A. G. Clay. Capital \$500,000; authorized \$600,000. Bonds \$250,000. Office, Gulf Bank Bldg. 8 3

TAUNTON, MASS.—Taunton St. Ry. Co. Elec. 14 m, 4-8 1/2 g, 40, 45, 60 lb T & girder r, 47 c, of which 23 are h c and 24 m c. Jones and Stephenson cars. McIntosh & Seymour engines. Pres. J. N. Beckley, Sec. O. A. Barker, Treas. S. M. Thomas, Supt. Geo. C. Morse. Capital, \$100,000. 8 3

TERRE HAUTE, IND.—Terre Haute St. Ry. Co. Elec. 16 m, 4-8 1/2 g, 40, 45, 60 lb T & Johnson girder r, 37 c, of which 23 are m c and 9 t c. Westinghouse system. Centropolis, Northern and Pullman cars. Westinghouse engines. Pres. B. Harrison, V. Pres. W. Kidder, Sec. L. D. Thomas, Treas. P. P. Thomas, Supt. M. F. Burke, Eleon. C. B. Kidder. Capital, \$200,000. Office 100 N. Ninth st. 6 3

TEXARKANA, ARK.—Texarkana St. Ry. Co. Elec. 5 m, 4-g, 30 lb T r, 8 c, of which 5 are 4-wheel box & 24-wheel open, 38 mu. Pres. J. Deutschman V. Pres. B. Collins, Sec. F. W. Offenhausser, Treas. G. W. Fouke, Supt. B. M. Foreman. Capital \$40,000 k 3 1

TIFFIN, O.—Tiffin St. Ry. Co. 5½ m, 4-4½ g, 35 lb girder r, 17 c, 36 h. Pres. D. A. Lindley, Sec. & Treas. T. B. Williams, Supt. Joseph Murphy. a 5 0

The Electric Ry. & Pow. Co. 7 m 4 8½ g, 50, 80 lb T & girder r, 13 c, of which 8 are m c and 5 t c. T-H system. Laclede cars. Pres. G. D. Loomis, V. Pres. C. J. Yingling, Sec. J. F. Bunn, Treas. B. W. Crobaugh, Supt. J. P. Meyers. Capital, \$50,000. 8 3

TOLEDO, OHIO.—Toledo Consolidated St. Ry. Co. Elec. 65 m, 4 8½ g, 48½, 66, 70, 75 lb girder r, 120 c, of which 109 are m c and 11 t c. Westinghouse system. Hooven, Owens & Rentschler engines. Pres. Norman B. Ream (Chicago), V. Pres. & Gen. Man. Albion E. Lang, Sec. Chas. L. Wight, Treas. W. E. Hale, Supt. Chas. A. Denman. Capital \$1,500,000. Bonds \$1,500,000. Office, 336 Summit st. 8 3

Toledo Electric St. Ry. Co. 27 m, 4-8½ g, 45, 52, 85 90 lb Johnson girder & T r, 80 m c, 9 h. T-H and Westinghouse systems. Brill cars. Cooper engines. Pres. D. Robison, Jr., V. Pres. L. S. Baumgardner, Sec. & Gen. Man. F. J. Robison, Treas. W. F. Robison, Div. Supts. C. L. Hulbut, E. F. Adler. Capital, \$800,000. Bonds \$800,000. Office, cor. Madison & Summit Sts. 8 3

TOPEKA, KAN.—Topeka Ry. Co. Elec. 35 m of which 3 are horse and 32 elec., 4 & 4-8½ g, 40 lb T, girder & tram r, 92 c, of which 25 are h c, 40 m c and 27 t c, 25 h. T-H system. Allis engines. Pres. C. C. Baker, V. Pres. M. A. Low, Sec. & Treas. R. M. Gage, Gen. Man. J. M. Patten, Supt. E. H. Littlefield. Capital \$2,000,000. Office, 1112 Jackson st. 6 3

Topeka Belt Ry. Co. Steam. 4 m, 4-8½ g, 45 lb T r, 11 c, 2 Baldwin motors. Pullman cars. Pres. Chas. S. Glead, Sec. & Treas. J. Mackenzie, Gen. Man. J. D. Livingston, Supt. E. H. Littlefield. Capital, \$1,000,000. Office 110 W. 10th st. 6 3

West Side Circle Ry. Co. Steam. 6½ m, 4 8½ g, 40 lb T & girder r, 2 c, 3 Baldwin motors. Pres. C. S. Glead, Sec. & Treas. G. H. Nolte, Asst. Sec. & Treas. F. H. Poole. Capital, \$50,000; authorized, \$100,000. Bonds, \$50,000. Office, Knox Building. 8 3

TORONTO, ONT.—Toronto Ry. Co. 70 m, 4-10½ g, 30 lb r, 252 c, 1,350 h. Pres. W. McKenzie, V. Pres. & Man. H. A. Everett, Sec. & Treas. J. C. Grace, Supt. James Gunn. Elec. Engr. W. E. Davis, Offices Canada Life Assurance Bldg., King st., west. 11 3

Metropolitan St. Ry. Co. Elec. 4½ m, 4-10½ g, 56 lb T r, 5 c, of which 3 are m c and 2 t c. T-H system. Pres. C. D. Warden, Sec. & Treas. R. Jenkins. Capital, \$130,000; authorized \$250,000. 12 2

Toronto & Scarboro Electric Ry. Lt. & Pow. Co. 3 m, 4-8½ g, 56 lb T r, 2 m c. T-H system. Patterson & Corbin cars. Pres. D. G. Stephenson, V. Pres. J. J. Foy, Sec. & Gen. Man. A. W. Dingman, Supt. C. A. Crawford. Capital, \$50,000; authorized \$400,000. Office, 38 King St. 8 3

TRENTON, N. J.—Trenton Pass. Ry. Co. Elec. 35 m, of which 19 are horse and 16 elec.; 45-78 lb tram & girder r, 75 c, of which 59 are h c and 25 m c 175 h, 6 mu. Short system. Pres. & Gen. Man. L. Perrine, Jr., V. Pres. S. K. Wilson, Sec. J. H. Solomon Treas. G. H. Parker, Supt. P. E. Hurley. Office cor. Greenwood and S. Clinton Aves. 6 3

TROY, N. Y.—Troy & Aibla Horse R. R. Co. Elec. 3.33 m, 4-8½ g, 35-45 lb r, 26 c, of which 7 are box, 7 open and 12 m. c, 52 h. T-H. and Edison systems. Pres. Chas. Clemmishaw, V. Pres. A. N. Brady, Sec. J. J. Hagen, Supt. W. H. Bean. Capital \$50,000. Office, Albion stable. a 3 1

Troy City Ry. Co. (Lessee of Troy & Lansingburgh and Waterford & Cohoes Rys.) Elec. 26 m, of which 4 are horse and 22 elec. 4-5½ g, 63½ lb girder & s. b. r, 118 c, of which 20 are h. c. and 98 m. c. T-H and Edison systems. Gilbert and Jones cars. Greene-Corliss engines. Pres. C. C. Clemmishaw, 1st V. Pres. A. N. Brady, 2d V. Pres. J. B. Carr, Sec. & Treas. J. J. Hagen, Gen. Man. C. Clemmishaw, Supt. C. H. Smith. Capital, \$2,000,000. Bonds \$2,000,000. Office, 361 River St. 6 3

Troy & Lansingburgh R. R. Co. Elec. 25 m, of which 3½ are horse and 21½ elec, 4-8½ g, 63½ lb girder r, 117 c, of which 45 are h c and 72 m c. 87 h. Edison and T-H systems. Capital, \$600,000; authorized, \$700,000. Bonds, \$300,000. Office 209 River st. Leased to Troy City Ry. Co. 6 2

TROY, O.—Miami Valley Electric R. R. n 8 3

TUSKALOOSA, ALA.—Tuskaloosa St. Ry. Co. (Owned by Tuskaloosa & Castle Hill Real Estate & Mfg. Co.) 4 m, 4-8½ g, 20, 25 lb T r, 9 box c, 8 mu. Stephenson cars. Pres. Jas. H. Fitts, Sec., Treas. & Gen. Man. S. F. Alston. Capital, \$100,000. Office, Main st. 6 3

Tuskaloosa Belt Ry. Co. 4½ m, 4-8½ g, 35 lb. T r 1 c, 1 steam motor. Lessee, F. W. Brown, Pres. W. C. Jenison, Sec. & Treas. J. L. Wallace. Capital \$25,000. 6 3

TYLER, TEX.—Tyler St. Ry. Co. 3 m, 4-8½ g 20, 40 lb T & flat r, 4 c, 9 mu. Pres. & Sec. Tyler, Smith Co., Gen. Man. W. C. Scott. Capital, \$12,000. 8 3

U

UNION SPRINGS ALA.—Union Springs St. Car Co. 2 m, 5-1 g, 20 lb T r, 4 flat c for freight, 1 or 2 for pass., 4 mu. Pres. Wm. Stakley, Sec. & Treas. T. H. Mabson, Jr., Supt. A. D. Fielder. Capital, \$10,000. p 12 2

UNIONTOWN, PA.—Uniontown St. Ry. Co. Elec. 3 m, 5-2½ g, 45, 61, 62 lb girder & T r, 56 c, 5 m c. Edison system. Pres. S. E. Ewing, V. Pres. G. H. McCormick, Sec. & Treas. R. F. Hopwood, Gen. Man. W. C. McCormick, Supt. R. A. Smith. Capital, \$50,000. 7 2

UTICA, N.Y.—Utica, Clinton & Binghamton St. R. R. Pres. Jas. J. Scollard, Sec. & Treas. Robt. S. Williams. Capital, \$849,485. Leased to and operated by Utica Belt Line St. R. R. Co. Office, 157 Genesee st. 6 3

Deerfield & Utica. (See Deerfield.)

Oneida St. R. R. Co. 1½ m, 4-8½ g, 35 lb c b r, 3 c of which 2 are box and 1 open, 8 h. Pres. & Gen. Man. Henry Ney, V. Pres. Dan'l L. Jones, Jr., Sec. & Treas. Wm. C. Willcox. Capital \$40,000. Office, 69 Genesee st. 11 2

Utica & Mohawk R. R. Co. Elec. 3½ m, 4-8½ g, 40, 45 lb T r, 14 c, of which 8 are m c and 6 t c. Edison system. Stephenson cars. Pres. & Gen. Man. Jas. F. Mann, V. Pres. R. W. Sherman, Sec. Wm. E. Lewis, Treas. Geo. D. Dimon, Supt. F. L. Everts. Capital \$51,000. Bonds \$75,000. Office Mann Bldg. 8 3

Utica Belt Line St. R. R. Co. Elec. (Operates Utica, Clinton & Binghamton St. R. R.) 27 m, 4-8½ g 40, 42, 47 & 60 lb. T r, 56 c of which 25 are m c and 31 t c. T-H system. Pres. W. E. Baker, V. Pres. J. W. Boyle, Gen. Man. & Supt. Receiver, C. E. Benton. Capital, \$150,000. Bonds, \$500,000. 8 3

V

VANCOUVER, B. C.—Vancouver Electric Ry. & Light Co. Ltd. 7½ m, 4-8½ g, 40 lb T r, 10 c, of which 9 are m c and 1 t c. T-H & Westinghouse systems Pres. J. Oppenheimer, V. Pres. T. Dunn, Sec. H. T. Cepuley, Treas. & Business Manager, W. E. Brown Supt. C. F. Hutchings. Capital, \$300,000; authorized \$500,000; Bonds \$300,000. Office, 523 Hastings st. W. 10 2

VANCOUVER, WASH.—Columbia Land & Improvement Co. 3 m, 3-6 g, 30 lb T r, 2 c, 7 h. Pres. J. Gibbon, V. Pres. & Gen. Man. L. M. Hidden, Sec. C. Brown, Treas. 1st Nat. Bank. Capital \$230,000. Address, P. O. Box 44. 3 2

VERNON, IND.—North Vernon & Vernon St. R. R. Co. 2 m, 5-2½ g, 35 lb girder r, 3 c, 4 h, 2 mu. Laclede cars. Pres. S. H. Gristead, Jr., V. Pres. L. T. Wilkerson, Sec. E. Wagner, Treas. J. C. Cope. Capital \$15,000. 8 3

VICTORIA, B. C.—National Electric Tramway & Lighting Co. 14 m, 4-8½ g, 40 lb girder & T r, 16 c of which 14 are m c and 2 t c. T-H, Edison & Westinghouse systems. Pres. & Gen. Man. D. W. Higgins, V. Pres. T. L. Jones, Sec. C. T. Dupont, Supt. F. W. McCrady. Capital \$205,000; authorized \$1,000,000. Office Store st. 9 3

VICTORIA, TEX.—Victoria St. Ry. & Improvement Co., 2½ m, 4 g, 20 lb. r, 3 box c, 10 mu. V. Pres G. A. Levi, Sec. J. E. Carpenter, Supt. C. L. Thurmond Capital, \$10,000; authorized, \$25,000. 11 2

VINCENNES, IND.—Citizens' St. Ry. Co. Elec. 5 m, 4-8½ g, 40, 55 lb T & girder r, 16 c, of which 7 are m c and 9 t c, 2 mu. Westinghouse system. Calumet and Ellis cars. Westinghouse engines. Pres. A. Tindolph, Sec., Gen. Man. & Supt. E. F. Tindolph, Treas. B. G. Hudnut. Capital \$15,050. Bonds \$100,000. Office, 16 Fair View ave. 8 3

W

WACO, TEX.—Citizens' Ry. Co. Elec. 16 m, 4-8½ g, 30, 40 & 45 lb girder & T r, 13 m c. St. Louis cars. Hamilton Engines. Pres. & Gen. Man. H. C. Scott, Sec. J. L. Brockenbrough, Supt. J. L. Griffith. Capital, \$350,000. Bonds, \$350,000. Office, 4th & Washington sts. 8 3

Waco Electric Ry. & Lt. Co. 10 m, 4-8½ g, 35 lb T r, 10 c, of which 8 are m c and 2 t c. T-H system St. Louis cars. Arrington & Sims and Sloux City engines. Pres. W. J. Hobson, V. Pres. B. Moore, Sec. & Supt. S. A. Hobson, Treas. & Gen. Man. C. W. Hobson. Capital, \$250,000. Bonds, \$200,000. 2 3

WAKEFIELD, MASS.—Wakefield & Stoneham St. Ry. Co. Elec. 4 m, 4-8½ g, 50 lb T r, 8 c, of which 4 are m c and 4 t c. Westinghouse system. Pres. & Gen. Man. C. F. Woodward, Sec. E. M. Southworth, Treas. J. F. Shaw, Engr. J. A. Bancroft. Capital \$50,000. 8 3

WALLA WALLA, WASH.—Walla Walla St. Ry. & Investment Co. 4 m, 3-6 g, 30 & 35 lb T r, 6 4-wheel box c, 24 h. Pres. W. P. Winans, V. Pres. Miles C. Moore, Sec. J. W. Langdon, Treas., Supt. & Man. J. M. Hill. Capital \$72,000; authorized \$100,000. 3 2

WARREN, O.—Trumbull Electric R. R. Co. 1 m, 4-8½ g, 45, 60 lb T & girder r, 7 m c. T-H system. Pres. H. C. Christy, V. Pres. A. R. Silliman, Sec & Treas. E. D. Kennedy. 2 3

WARREN, PA.—Warren St. Ry. Co. 2 m, 4-8½ g, 45 lb T & girder r, 2 m c. Westinghouse system. New Castle cars. Pres. T. B. Clawson, Sec. J. Roy, Treas. & Gen. Man. D. H. Siggins. Capital \$12,000; authorized \$25,000. Office 342 Water st. 8 3

WASHINGTON, D. C.—Capitol, No. O St. & So Washington R.R. 13½ m, 4-8 g, 80 lb girder r, 72 c, 308 h. Pres. Geo. White, V. Pres. C. Flint, Sec. & Treas H. K. Gray, Supt. Andrew Glass. Office, 3d & B sts S. W. 6 2

Brightwood Ry. Co. 15 m, 4-8½ g, T & girder r, 19 c of which 11 are m c and 8 t c. Edison system. Pres. H. S. Cummings, V. Pres. E. O. McNair, Sec. & Treas. C. P. Williams. Capital, \$108,500. Bonds, \$250,000. 5 3

Columbia R. R. Co. 6 m, 4-8½ g, 36 & 68 lb girder r, 44 c, 180 h. Pres. W. J. Stephenson, V. Pres. E. G. Davis Sec. & Treas. R. F. Baker, Supt. Theo. J. King, Capital, \$400,000. Office, 15th & H sts., N. E. 6 3

Eckington & Soldiers' Home Ry. Co. Elec. 9 m, of which 2½ are horse and 6½ elec, 4-8½ g, 80 lb girder r, 39 c, of which 12 are h c, 14 m c and 13 t c, 54 h. T-H and Westinghouse systems. Brill, Robinson and Stephenson cars. Arrington & Sims and Ball engines. Pres. H. Munnikhuysen, V. Pres. & Gen. Man. W. H. Schoepf, Sec. & Treas. H. K. Gray, Supt. R. I. Todd. Capital, \$352,000. Bonds, \$129,600. Office, McGill Bldg., 908-914 G St., N. W. 8 3

Georgetown & Tenalloytown Ry. Co. Elec. 9½ m 4-8½ g, 45, 60 lb groove & T r, 19 m c. T-H system Brill, Gilbert, Jones and Stephenson cars. Pres. M. W. Offutt, V. Pres. R. D. Weaver, Sec. & Treas. J. E. Beall, Supt. & Elec. J. H. Mills. Capital \$200,000, Bonds \$20,000. Office, Power House, 32d st. 6 3

Glen Echo R. R. Co. Elec. 6½ m, 4-8½ g, 40 lb T r 8 c, of which 6 are m c and 2 t c. Westinghouse system. Brill cars. Westinghouse and Frick engines. Pres. Edwin Baltzley, V. Pres. F. W. Pratt, Sec. Edward Baltzley, Treas. J. C. Pratt, Supt. J. Hanson. Capital, \$100,000. Office, Room 7 Sun Bldg. 6 3

Metropolitan R. R. Co. 19.44 m, 4-8½ g, 62 lb grooved r, 150 c, 653 h. Pres. & Pur. Agt. W. J. Stephenson, V. Pres. A. A. Wilson, Sec. & Treas. Wm. J. Wilson, Supt. R. W. Witkowski. Capital \$732,000; authorized \$1,000,000. Office, 2411 P st. N. W. 6 3

Rock Creek Ry. Co. Elec. 15 m, 4-8½ g, 50, 62 lb T r 30 c, of which 12 are m c and 18 t c. T-H system Pres. F. G. Newlands, V. Pres. E. J. Stellwagen, Sec H. S. Nyman, Treas. T. M. Gale, Gen. Man. A. J. Warner. Capital \$800,000. Office, 1324 F. Street N. W. 11 2

Washington & Arlington Ry. Co. Elec. 3 m, 4-8½ g, 50 lb T r, 4 m c. Edison system. Brill cars. Phenix engines. Pres. D. L. King, Sec. & Treas. W. Hazlett, Gen. Man. & Supt. W. Chapman. Capital \$500,000. Bonds authorized \$300,000. Office 95-96 Corcoran building. 1 3

Washington & Georgetown R.R. Co. Cable. 22 m 4-8½ g, 80 lb English groove girder r, 389 c, of which 94 are g c and 295 t c, 30 h. Pres. H. Hurt, V. Pres J. G. Parke, Sec. & Treas. C. M. Koonce, Gen. Supt C. C. Sailer, Engr. D. S. Carril. Capital, \$500,000. Bonds, \$3,500,000. Office, 3,222 M St. 6 3

WASHINGTON, PA.—Washington Electric St Ry. Co. Elec. 3½ m, 4-8½ g, 45 lb girder r, 5 m c. Westinghouse system. Pres. A. E. Townsend, Sec. J. F. Bristol, Treas. Brit Hart, Supt. F. G. Marshall. Capital \$40,000; authorized \$60,000. Bonds \$8,000. 8 3

WATERBURY, CONN.—Waterbury Traction Co. 6½ m, 4-8½ g, 40 lb T r, 27 c, of which 15 are 4-wheel box & 12 4-wheel open, 125 h. Brill, Lewis & Fowler and Stephenson cars. Pres. D. S. Plume, Sec. A. M. Young, Treas. J. R. Smith, Supt. & Gen. Man. E. A. Bradley. Capital \$50,000; authorized \$1,000,000. Bonds \$50,000. 8 3

WATERLOO, IA.—Waterloo St. Ry. Co., 2 m, 3 g, 22, 35 lb T r, 3 c, 8 h. Pres. J. E. Sedgwick, V. Pres G. A. Whitney, Sec. & Treas. A. A. Hungerford Capital, \$40,000. Office, 181½ Bridge St. 8 3

WATERLOO, ONT.—Berlin & Waterloo St. Ry Co. 2½ m, 4-8½ g, 25 & 30 lb flat & T r, 8 c, 16 h. Pres. & Treas. Thos. M. Burt, Sec. Alex. Millar. Office, Waterloo. Capital, \$40,000. Bonds \$20,000. 8 3

WATERLOO, N. Y.—See Seneca Falls, N. Y.

WATERTOWN, S. DAK.—Watertown & Lake Kampeska Ry. Co. Dummy. 5½ m, 4-8½ g, 30 lb T r 2 m c. Pres. & Gen. Man. Charles Joseelyne, Sec R. B. Spicer. Office, Kemp ave. & Oak st. a 3 1

WATERTOWN, N. Y.—Watertown St. Ry. Co. Elec. 6 m, 4-8½ g, 50 lb girder & T r, 19 c, of which 11 are m c and 8 t c. Edison system. Stephenson cars. Pres. J. C. Thompson, V. Pres. C. A. Starbuck, Sec. & Treas. G. S. Goodale, Gen. Man. & Supt. G. W. Adams. Capital \$40,000. Bonds \$75,000. Office, 172 Main St. 10 3

WATERVILLE, ME.—Waterville & Fairfield Ry. & Lt. Co. Elec. 5m, 4-8½ g, 35 lb T r, 8 c, of which 3 are m c and 5 t c. Westinghouse system Pres. & Gen. Man. A. F. Gerald, Sec. H. M. Heath Treas. H. D. Bates. Capital, \$200,000. Bonds, \$175,000 Office, Fairfield. 9 2

WAXAHACHIE, TEX.—Waxahachie St. Ry. Co. 2 m, 4-8½ g, 24 lb T r, 3 c, 16 h. Pres. T. A. Ferris, V. Pres. W. F. Lewis, Sec., Treas. & Gen. Man. O. Goodwin. Capital, \$24,000. 8 3

Lake Park St. Ry. Co. 2 m, 4-8½ g, 20 lb T r, 4 c 14 mu. Pres. & Gen. Man. J. F. Strickland, V. Pres. W. F. Lewis, Sec. J. F. Phillips, Treas. W. G. Williams, Supt. W. J. Stevenson. Capital, \$8,000; authorized, \$30,000. 8 3

WEATHERFORD, TEX.—Weatherford City & Suburban R. R. Co. 3½ m, 4-8½ g, 16 & 20 lb T r 6c, 17 mu. Pres. G. P. Levy, Supt. S. E. Willbanks. Capital, \$100,000. 8 3

WEBB CITY, MO.—Southwest Missouri Electric Ry. Co. Connecting Joplin, Webb City, Carterville and Prosperity 10 m, 4-8½ g, 48, 75 lb T & girder r, 12 c, T-H and Westinghouse systems. Laclede cars, Cooper engines. Pres. A. H. Rogers, V. Pres. E. Z. Walloway, Sec. & Treas. W. M. Donaldson, Supt. J. M. Maret. Capital, \$500,000. Bonds, \$100,000 authorized, \$200,000. 10 3

WEST BAY CITY, MICH.—(See Bay City, Mich.)

WEST CHESTER, PA.—West Chester St. Ry. Co. Elec. 6 m, 5-2½ g, 9 c, of which 5 are m c and 4 t c. Edison and Westinghouse systems. Brill cars. Pres. W. M. Hayes, Sec. W. S. Harris, Treas. F. W. Wollerton. Capital, \$60,000. Bonds \$30,000. 6 3

WEST NEWTON, MASS.—Newton St. Ry. Co. Elec. 8½ m, 4-8½ g, 45, 56 lb T r, 31 c, of which 27 are m c and 4 t c. T-H system. Jones, Hollings and Newburyport cars. Pres. H. B. Parker, V. Pres. E. Z. Stearns, Sec. J. C. Lane, Treas. C. W. Smith, Supt. F. G. L. Henderson. Capital \$125,000; Bonds \$100,000 Office, West Newton, Mass. 8 3

WEST SUPERIOR, WIS.—Superior Rapid Transit Ry. Co. Elec. 26 m, 3-6g, 35 lb T r, 35 c, of which 25 are m c and 10 t c. T-H system. Pres. & Gen. Man. S. T. Norvell, Treas. F. W. Hanson. Capital, \$1,000,000. 8 3

WESTPORT, CONN.—Westport & Saugatuck Horse R. R. Co. 1½ m, 4-8 g, 40 lb r, 4 c, 6 h. Pres. A. S. Hurlbutt, Sec. and Treas. B. L. Woodworth Supt A. F. Downes. 3 2

WHEELING, W. VA.—Wheeling Ry. Co. Elec. 15 m, 5-2 g, 35, 78, 85 lb girder r, 52 c, of which 35 are m c and 17 t c. T-H system. Pres. J. Jacob, Sec. Frank P. Hall, Supt. A. M. Jolly. Capital, \$700,000. 5 3

Wheeling & Elm Grove R. R. Dummy. 8½ m, 4-8½ g, 60 lb T r, 23 c, of which 20 are pass. c, 2 freight c and 1 baggage c, 4 Baldwin motors, 1 h. Pres. A. Reymann, Sec. & Treas. J. Roemer, Gen. Man. H. E. Weisgerber Capital, \$250,000; authorized, \$300,000. Office, 16th st 6 3

WHITMAN, MASS.—(See Brockton, Mass.)

WICHITA, KAN.—Wichita Electric Ry. & Lt. Co. 25 m, 4-8½ g, 35 & 46 lb T & Johnson r, 30 c, of which 22 are m c and 8 t c. T-H system. Pres. C. E. Dustin, V. Pres. A. T. Batchelder, Sec. & Gen. Man. J. W. O'Neill, Treas. G. A. Litchfield, Supt. F. W. Sweet. Capital, \$450,000. Office, 100 W. Douglas Ave. 6 3

WILKESBARRE, PA.—Wilkesbarre & Kings-ton Pass. R. R. 4 m, 5-2 g, 35 lb tram r, 12 box c, 24 h. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Capital, \$100,000. Leased to Wyoming Valley Traction Co. 3 2

Coalville Passenger R. R. Co. 2½ m, 4-8½ g, 24 lb tram & T r, 4 c, 20 h. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Capital, \$62,375. Leased to Wyoming Valley Traction Co. 7 2

Nanticoke St. Ry. Co. Elec. 8 m, 4-8½ g, 40 lb. T r 6 m c. Short system. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Leased to Wyoming Valley Traction Co. 7 2

Pittston St. Car Co. 1½ m, 5-2 g, 42½ lb flat r, 4 4-wheel box c, 6 h. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Capital, \$10,000. Leased to Wyoming Valley Traction Co. 7 2

Pittston, Moosic & Pleasant Valley Ry. Co. Elec. 7 m, 4-8½ g, 40 lb. T r, 4 m c. Short system. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Leased to Wyoming Valley Traction Co. 7 2

Plymouth St. Ry. Co. Elec. 4 m, 4-8½ g, 40 lb. T r 6 m c. Short system. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Leased to Wilkesbarre & Wyoming Valley Traction Co. 7 2

West Pittston & Wyoming St. Ry. Co. Elec. 20½ m, 4-8½ g, 40 lb. T r, 4 m c. Short system. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Leased to Wyoming Valley Traction Co. 7 2

Wilkesbarre & Suburban St. Ry. Co. Elec. 7½ m 5-2½ g, 52 lb girder r, 9 4-wheel box c, 17 motors Edison system. Pres. M. B. Williams, V. Pres. C. A. Miner, Sec. E. H. Chase, Treas. C. Walter, Supt. & Gen. Man. ———; Capital \$100,000. Leased to Wyoming Valley Traction Co. 7 2

Wilkesbarre & West Side Ry. Co. Elec. 3½ m, 4-8½ g, 35 45 & 56 lb T & girder r, 5 c, of which 3 are box & 2 open. Edison system. Pres. J. J. Patterson, Sec. & Treas. J. Graham. Leased to Wyoming Valley Traction Co. 7 2

Wilkesbarre & Wyoming Valley Traction Co. 40½ m, of which 8½ are horse and 31½ elec. 18 m c. Short system. Pres. B. F. Myers, Sec. W. G. Eno, Treas. & Gen. Man. J. Graham, Supt. J. H. Gibson. 1 3

WILLIAMSPORT, PA.—Williamsport Pass. Ry. Co. Elec. 7½ m, 4-8½ g, 60 lb c b r, 10 m c. Westinghouse system. Pres. H. R. Rhoads, Sec. J. F. Starr Treas. John Lawshe, Supt. H. C. Young. Capital \$250,000. Office 760 W. 4th st. 8 3

WILLIAMSVILLE, N. Y.—Buffalo & Williams-ville Ry. Co. Elec. 4½ m, 4-8½ g, 56, 66 lb T & girder r, 4 c, of which 12 are m c and 2 t c. T-H system. Noye engines. Pres. L. F. W. Arend, V. Pres. Gen. Man. & Supt. J. Chaimers, Sec. S. H. Cowles, Treas. L. L. Grove. Capital, \$75,000 6 3

WILMINGTON, DEL.—Front & Union St. Pass. Ry. Co. (Operated by Wilmington City Ry.) 1½ m, 5-2 g, 32 & 63 lb tram & girder r, 10 c, 80 h. Pres. F. B. Colton, Sec. & Treas. F. L. Kurtz. Capital \$50,000. Office, Front & Union sts. 2 3

Wilmington City Ry. Co. Elec. 16.75 m, of which 1 is horse and 12.75 elec, 5-2 g, 47, 52, 64, 91 lb girder & tram r, 64 c, of which 12 are h c, 40 m c and 10 t c, 16 h. Edison & Westinghouse systems. Pres P. Lea, V. Pres. W. Saulsbury, Sec. & Gen. Man. W. S. Heeger, Treas. C. G. Blandy. Office, Delaware ave. & Dupont st. 11 2

WILMINGTON, N. C.—The Wilmington St. Ry. Co. Elec. 5½ m, of which 1½ m is steam and 4 elec, 4-8½ g, 45, 60 lb T & girder r, 12 m c. T-H system. Pres. C. A. Lieb, V. Pres. & Gen. Man. J. H. Barnard, Sec. B. F. O'Connor, Treas. J. G. White. Capital, \$100,000; authorized, \$300,000. Office 29 Broadway, New York. 8 3

WINDSOR, ONT.—Windsor Electric St. Ry. Co. 1½ m, 3-6 g, 25 lb T r, 1 motor, 4 c, 9 h. T-H system. Steam power. Pres. W. M. Boomer, Sec. & Treas. M. A. S. Boomer. Office, cor. Mercer & Sandwich sts. W. 11 2

Sandwich, Windsor & Amherstburg Ry Co. Elec. 10 m, 4-8½ g, 56 lb girder & T r, 14 c, of which 10 are m c, and 4 t c. Westinghouse system. Brill, Laclede, Ottawa and St. Louis cars. Brown & Robb engines. Pres. J. Coventry, V. Pres. G. M. Hendrix, Sec. & Treas. W. I. Pulling, Supt. R. Canfield. Capital, \$315,000; authorized \$500,000. 9 3

WINFIELD, KAN.—Union St. Ry. Co. 5 m, 4 g, 16-20-35 lb T & Johnson r, 5 c, 20 mu. Pres. Wm Matthewson, Sec. W. J. Kennedy, Treas. Geo. M Robinson, Gen. Man. C. Ferguson. Capital 25,000 2 3

WINNIPEG, MAN.—The Winnipeg St. Ry. Co. Elec. 9 m, of which 5 are horse & 4 elec, 4-8½ g, 35-40 lb r, 23 c, of which 15 are h c, 5 m c and 3 t c, 80 h. Edison system. Pres. Jas. Austin, Sec. & Man. Albert W. Austin, Supt. Geo. A. Young. Capital \$100,000. 1 3

WINONA, MINN.—Winona City Ry. Co. (Owned by Winona General Electric Co.) Elec. 4 m, 4-8½ g, 40 lb r, 7 m c. T-H system. Pres. G. C. Duffie, Sec. & Treas. W. H. Moore. Office, 403 Sibley st., St. Paul. 3 3

WINSTON, N. C.—Winston-Salem Ry. & Elec. Co. (Operated and leased by Twin City Construction Co.) 7 m 4-8½ g, 45 lb Johnson girder r, 12 c, of which 9 are m c and 3 t c. Edison system. Brill cars. Brall engines. Pres. J. H. McClement, V. Pres. F. J. Sprague, Sec. & Treas. R. G. Day, Asst. Sec. & Treas. W. H. Barham, Supt. & Elec'n. F. W. McClement. Capital, \$150,000. Bonds, \$200,000. 8 3

WOODLAND, CAL.—Woodland St. Ry. Co. 1 m, 3 g, 30 lb T r, 3 c, 3 h. Pres. T. Ross, V. Pres. G. D. Fiske, Sec. L. W. Hilliker, Treas. T. Armstrong Gen. Man. M. McCutcheon, Supt. J. D. Lawson. Capital \$30,000. 9 3

WOONSOCKET, R. I.—Woonsocket St. Ry. Co. 6.65 m, 4-8½ g, 35 to 50 lb T r, 16 c, 62 h. Pres. J. P. Ray, Treas. W. Whittlesey, Gen. Man. J. M. Klingelsmith. Capital \$24,000; authorized \$100,000. Bonds, \$59,000. 10 2

WORCESTER, MASS.—Worcester Consolidated St. Ry. Co. (Controlled by Worcester Traction Co.) 24 m, of which 21 are horse and 3 elec, 4-8½ g, 36, 45, 50 lb flat, T and Johnson girder r, 107 c, of which 96 are h c and 11 m c, 474 h. Pres. Chas. B. Pratt, Treas. A. H. Stone, Gen. Man. J. N. Akarman. Capital, \$700,000. Bonds, 150,000. Office, 15 Market st. 3 3

North End St. Ry. Co. Elec. 5 m, 4-8½ g, 45, 55, 65 lb T r, 12 c, of which 11 are m c, and 1 t c. Westinghouse system. Jones, Lewis & Fowler and Stephenson cars. Pres. & Gen. Man. W. P. Searis, V. Pres. G. A. Barnard, Sec. G. F. Barnard, Treas. G. A. Smith, Supt. C. L. West. Capital, \$80,000; authorized, \$110,000. 6 3

Worcester & Millbury St. Ry. Co. Elec. 4-8½ g, 70 lb girder & T r, 14 c, of which 8 are m c and 6 t c. T-H system. Pres. S. Winslow, Sec. & Treas. T. T Robinson, Supt. J. B. Gorman. Capital, \$150,000. 9 3

Worcester & Shrewsbury St. Ry. Co. 3,300 ft. 4-8½ g, 58 lb T r, 2 m c. Edison system. Lewis & Fowler cars. Pres. & Treas. H. H. Biglow, Supt. I. E. Biglow. Capital \$20,000. Office 19 Foster st. 2 3

Worcester, Leicester & Spencer St. Ry. Co. Elec. 13 m, 4-8½ g, 48 lb T r, 26 c, of which 23 are m c, and 8 t c. T-H & Detroit systems. Pres. & Gen. Man S. Winslow, Treas. & Clerk. T. T. Robinson, Supt. J. B. Gorman. Capital \$250,000. 9 3

Worcester Traction Co. Pres. E. J. Moore, Sec. T. C. Barr, Treas. C. F. Stevens, Gen. Man. J. N. Akarman. Capital \$5,000,000. Bonds \$150,000. 4 3

WYMORE, NEB.—Wymore & Blue Springs Ry. Co. 3½ m, 3-6 g, 22 lb T r, 4 4-wheel box c, 10 h. Pres. J. H. Reynolds, V. Pres. Ben. Reynolds, Sec. & Treas. E. P. Reynolds, Jr., Supt. T. Bauman, Gen. Man. O. P. Newbranch. Capital, \$36,700; authorized \$50,000. 6 2

Y

YARMOUTH, N. S.—Yarmouth St. Ry. Co. 2 m, 4 g, 45 lb T r, 5 c, of which 2 are m c and 3 t c. Edison system. Pres. R. Cale, V. Pres. W. D. Lovitt, Sec., Treas. & Gen. Man. B. B. Law, Supt. J. W. Burton. Capital \$40,000; authorized, \$100,000. 1 3

YONKERS, N. Y.—Yonkers St. Ry. Co. Elec. 7½ m, 4-8½ g, 42-48 lb r, 14 c, of which 12 are m c and 2 t c, 88 h. Eickemeyer system. Pres. C. H. Montague. Capital, \$200,000. 2 3

YORK, PA.—York St. Ry. Co. 7 m, 4-8½ g, 45, 70 lb girder & T r, 21 c, of which 15 are m c and 6 t c. T-H system. Brill and Lamokin cars. Pres. & Gen. Man. W. H. Lanus, V. Pres. D. K. Trimmer, Sec. G. S. Schmidt, Treas. G. Hersh, Supt. C. E. Long. Capital, \$138,000; authorized, \$200,000. Office, 27 E. Market St. 8 3

YOUNGSTOWN, O.—Youngstown St. Ry. Co. Elec. 10½ m, 4-8½ g, 48, 70 lb Johnson r, 29 c, of which 22 are m c, and 7 t c. Edison and Sperry systems. Pres. James Parmelee, V. Pres. H. M. Garlick, Sec., Treas., Gen. Man. & Supt. F. W. Brown. Capital \$500,000. Bonds, \$300,000. 8 3

Z

ZANESVILLE, O.—Zanesville St. Ry. Co. Elec. 8 m, 5-2½ g, 48½, 50 lb girder & T r, 21 c, of which 11 are m c and 10 t c. Edison system. Lamokin cars. Pres. A. L. Conger, V. Pres. F. M. Atterholt, Sec. F. A. Wilcox, Treas. & Gen. Man. F. A. Seiberling, Supt. A. H. Johnson. Capital \$200,000. Bonds \$180,000. 2 3

PROJECTED ROADS.

A

ASHLAND, WIS.—Belt Line Association. Pres. J. W. Cochran, V. Pres. T. Bardon, Sec. & Treas. R. C. Heydlauff. n 5 3

B

BELDING, MICH.—Belding St. Ry. & Imp. Co. Steam. 2½ m, 4-8½ g, 40 lb r. Pres. & Gen. Man. B. Stone, V. Pres. M. J. Demorest, Sec. E. R. Hale, Treas. G. S. Rosefelt. Capital, \$6,000; authorized, \$20,000. 2 3

BELFAST, ME.—Belfast St. Ry. Co. N. F. Houston, Pres., Belfast; J. H. Quimby, Clerk & Treas. 8 3

BOONSBORO, MD.—South Mountain Electric Ry. St. & Power Co. of Boonsboro. 3 m, 4-8½ g, 80 lb T r. Pres. G. W. Jacobs, V. Pres. C. H. Young, Sec. G. A. Davis, Treas. C. E. Schafer. 11 3

BOSTON, MASS.—Boston & Winthrop St. Ry. Co. Elec. 3½ m, 4-8½ g, 50 lb. T r, 4 c. Pres. L. Pfingst, Sec. W. Goodwin, Treas. M. E. Clemmons. Capital, \$35,000. Office, 53 State St., No. 807. 6 3

BRAINTREE, MASS.—Braintree Street Ry. Co. 4.15 m. Pres. F. A. Hobart, Treas. J. T. Stevens 7 2

BROOKLYN, N. Y.—Twenty-third St. Ferry & Newtown R. R. Co. Pres. H. B. Scharman, Sec. & Treas. F. Jenkins. n 1 3

C

CANFIELD, O.—Canfield & Youngstown Elec. Ry. Co. Pres. J. R. Johnson, V. Pres. S. Ewing, Sec. J. C. Ewing, Treas. A. Dickson. n 6 3

CHAMBERSBURG, PA.—Chambersburg Electric St. Ry. Co. 6 m, 5-2½ g, 60 lb. girder r, 8 c, of which 5 are m c and 3 t c. Capital, \$50,000. Address Albert E. Hay, Altoona, Pa. 4 3

CHICAGO, ILL.—Hammond & Chicago Electric & St. Ry. Co. 17 m, 4-8½ g, 60 lb girder r, 15 m c. Westinghouse system. Pres. W. H. Fitzgerald, V. Pres. C. F. Griffin, Sec. & Treas. L. Silverman, Gen. Man. C. E. Loss. Capital, \$300,000. Office, 621 Pullman Bldg.

COLUMBIA, PA.—Columbia & Washington St. Ry. Co. Elec. 4 m, 5-2½ g, 6 m c. Pres. A. J. Kauffman, V. Pres. W. H. Grier, Sec. B. Kaufman, Treas. J. W. Yocum, Supt. H. C. Young. Capital, \$40,000; authorized, \$100,000. 9 3

COLUMBUS, O.—Columbus Central Ry. Co. Elec. 38 m, 4-8½ g, 50 70 lb r. Pres. M. H. Neil, V. Pres. T. A. Simons, Sec. J. F. Barry, Gen. Man. G. W. Meeker. Capital, \$500,000. To be constructed in Spring of 1891. 11 3

Worthington, Clintonville & Columbus St. Ry. Co. Elec. 4 m, 4-8 1/2 g, 45 lb T r, 5 m c. Pres. O. W. Aldrich, V. Pres. J. M. Milue, Sec. R. M. Weaver, Treas. H. C. Cooke. Capital, \$40,000.

CONNERSVILLE, IND.—Connerville St. Ry. Co. Elec. 5 m. Pres. J. B. McFarlan. 5 3

CORAOPOLIS, PA.—Pittsburgh, Neville Island & Coraopolis Ry. Co. Elec. 8 m, 5-2 g, 60 lb T & girder r, 8 m c. Pres. J. W. Arras, Sec. M. D. Rowland, Treas. J. D. Shanks. 5 2

D

DEDHAM, MASS.—Norfolk Suburban St. Ry. Co. Elec. 8 m, 4-8 1/2 g, 50 lb T r, 5 c. Gen. Elec. system. Morse cars. Pres. J. R. Bullard, Sec. Treas. & Supt. T. T. Robinson, Engr. E. Worthington, Jr. Capital, \$75,000. To be opened May, 1894 9 3

DUNDEE, ILL.—Dundee Rapid Transit Co. Pres. E. C. Hawley. n 11 3

E

ELDORADO SPRINGS, MO.—Eldorado Springs & Nevada Dummy R. R. 22 m, 4-8 1/2 g, 40 lb r, 8 c, 2 motors. To be built soon as possible. 8 2

EVERETT, WASH.—Everett Electric Ry. Co. 7 m. Engr. Leo Daft.

F

FONDA, N. Y.—Fonda & Fultonville Electric R. R. Co. (Extension of Cayadutta Elec. R. R.) 1 m. Pres. J. Shanahan, Sec. C. Rickard. Capital, \$100,000. 2 3

G

GALT, ONT.—Galt & Preston St. Ry. Co., Ltd. Pres. T. Todd, V. Pres. R. G. Cox, Sec. & Treas. W. Lutz.

GREENCASTLE, IND.—2 1/2 m, 4-8 1/2 g, 40-50 lb T r, 3 m c. Pres. J. W. Welk, Sec. & Treas. F. G. Gilmore. 7 3

H

HAMILTON, ONT.—Hamilton Radial Electric Ry. Co. 130m, 4-8 1/2 g, 60 lb r, 80 c, of which 30 will be m. c. Officers C. M. Counsell, W. J. Copp, J. Patterson, J. H. Tilden, N. Dymont, A. Zimmerman, W. A. Wood, T. Patterson, Jr. Capital \$2,000,000. Commenced December 1892, to be finished in fall, 1893. Power to be obtained from Niagara Falls. 11 2
Hamilton, Grimbsy & Beamsville Elec. Ry. Co. Pres. C. J. Myles, V. Pres. J. T. Middleton, Sec. A. Rutherford.

HAVERHILL, MASS.—Haverhill, Georgetown & Danvers R. R. Co. Address Hamilton L. Perkins. 9 3

HAZLETON, PA.—Hazleton & Suburban Street Ry. Co. Elec. 20 m, 4-8 1/2 g, 60 lb r. Westinghouse system. Pres. A. Markle, Supt. & Engr. J. E. Giles. Capital \$100,000. Under construction. 3 3

HOOPESTON, ILL.—Hoopston St. Ry. Co. 5 m 4-8 1/2 g, 8 c, 20 h. Pres. & Man. D. Wallace, V. Pres. W. R. Clark, Sec & Treas. J. H. Dyer. Capital, \$50,000. To be finished January 1, 1894. 9 3

HOOSICK FALLS, N. Y.—Hoosick Ry. Co. Elec. 5 m, 4-8 1/2 g, 50 lb T r. Pres. W. M. Holmes, V. Pres. J. Buckley, Sec. & Gen. Man. C. B. Story, Treas. G. C. Moses. Capital authorized \$60,000. Office, 60 Classic St. 12 3

HOUSTON, TEX.—Houston Rapid Transit Co. Elec. 17 m, 4-8 1/2 g, 56 lb girder and T r, 20 c. V. Pres & Gen. Man. H. T. D. Wilson. Capital, \$300,000. 7 2

HULL, MASS.—Hull St. Ry. Co. 4 m c. T-H system. 12 2

I

INDIANAPOLIS, IND.—Indianapolis & Martinsville Electric Ry. Co. 30 m, 4-8 1/2 g, 60 lb r, 40 c. Pres. J. Stevenson, V. Pres. O. Matthews, Sec. E. F. Branch, Gen. Man. H. A. Smock. Capital, \$500,000. Address Lock Box 522. 5 3

J

JUNCTION CITY KAN.—Junction City & Fort Riley St. Ry. Co. Elec. 6 m. Pres. J. Eddy, Gen Man. G. W. Harris. Capital, \$300,000. 7 2

K

KEENE, N. H.—Keene Electric Ry. Co. Pres. E. F. Lane, Treas. A. Litchfield, Audr. D. R. Cole. n 5 3

KINGSTON, N. Y.—Colonial City Electric Ry. Co. 6 m, 4-8 1/2 g, 62 lb r, 6 m. Pres. E. H. Loughran, V. Pres. W. Goodwin, Sec. N. C. Powelson, Treas. F. Swift. Capital, \$175,000. 6 3

L

LANCASTER, PA.—Lancaster & Lititz Ry. Co. Elec. 8 m, 5-2 1/2 g, Pres. J. A. Coyle, Sec. & Treas. J. E. Ackley. 3 2

M

McKEESPORT, PA.—The Dravosburgh, Mendelssohn & Elizabeth Electric St. Ry. Co. 7 1/2 m 5-2 1/2 g, 56 lb girder r, 16 m c. Pres. H. H. Saraney Sec. J. A. Skelley. Capital, \$100,000. Office, 510 Locust st. 10 2

MAUCH CHUNK, PA.—Carbon County Electric Ry. Co. Pres. A. B. Clemmer. Office 14 Chamber of Commerce 233 S. 2d St. Philadelphia. 11 2

MIDDLETOWN, DEL.—Odessa & Middletown Elec. Ry. Co. 4 m. Pres. W. Taylor, Sec. & Gen. Man. W. R. Polk, Treas. J. T. Corbitt. Capital, \$100,000. 9 3

MIDDLETOWN, N. Y.—Middletown - Goshen Traction Co. 10 m, 4-8 1/2 g, 50, 90 lb T & girder r. Pres. J. C. Hinchcliff, Vice-Pres. M. J. Wightman, Sec. E. G. Wightman, Treas. & Gen. Man. W. B. Rockwell. Capital, \$100,000. To be operated about June 1, 1894. 9 3

MIDDLETOWN, O.—Middletown Electric Power & Ry. Co. 5 1/2 m, 4-8 1/2 g, 35, 45 lb T & girder r, 6 m c. Pres. C. T. Goldman, V. Pres. G. C. Jacoby, Sec. J. M. Iseminger, Treas. W. O. Banutz, Gen. Man. W. P. Noble. Capital, \$109,000. To be built in 1894. 9 3

N

NEW ALBANY, IND.—Glen View Park Ry. Co. Elec. 3 1/2 m, 4-8 1/2 g, 45, 56 lb T & girder r. Pres. J. Peters Jr. Sec. E. B. Stotsenburg. Office 120 Pearl St. 10 2

NEW GLASGOW, N. S.—New Glasgow Electric Co. Ltd. 8 1/2 m, 4-8 1/2 g, 60 lb T r, 8 c, of which 4 are m c and 4 t c. Pres. J. L. Jennison, Sec. & Treas. H. V. Jennison, Gen. Man., Supt. & Elec'n. F. A. Bowman. Capital \$50,000. 9 2

O

OCEAN CITY, N. J.—Ocean City Electric Ry Co. 2 m, 4-8 1/2 g, 53 lb girder r, 4 m c. T-H system Ball and Westinghouse engines. Pres. E. B. Lake, V. Pres. W. Lake, Sec. H. B. Adams, Treas. G. E. Palen, Supt. H. Kalbach. Capital, \$100,000. 9 3

P

PATERSON, N. J.—Paterson, Passaic & Rutherford Electric Ry. Co. Pres. C. A. Johnson, V. Pres. J. A. Morisse, Sec. J. J. Scanlan, Treas. L. Fitzgerald. n 11 3

PEKIN, ILL.—Pekin Rapid Transit Co. Elec. 6 1/2 m, 4-8 1/2 g, 45 lb r. Pres. J. Patterson, Sec. Gen. Man. & Supt. H. Patterson. Capital, \$100,000. To be built in spring of 1894 9 3

PERU, IND.—Peru Ry. Co. Elec. 4 m, 4-8 1/2 g, 40 or 50 lb r, 6 m c. Pres. R. A. Edwards, V. Pres. W. S. Mercer, Sec. R. H. Bousloy, Treas. C. H. Brownell. Capital, \$50,000. 3 3

PHILADELPHIA, PA.—North Philadelphia Pass. Ry. Co. Pres. H. A. Stiles, Sec. & Treas. G. C. Stiles. Capital, \$300,000. Office, 209 S. Third st. 7 2

PHOENIX, ARIZ.—Phoenix, Mt. Olive & Mesa Ry. Co. Elec. 25 m, 4-8 1/2 g, 50 lb T r, 16 c. Pres. B. E. Lower, Sec. W. Scott, Treas. T. W. Hine. Capital, \$1,500,000. To be finished in 1893. 12 2

PITTSBURGH, PA.—Grandview Traction Co 6 1/2 m, of which 1/2 m is cable and 5 1/2 elec, 5-2 1/2 g, 10 c. Pres. W. B. Lupton, V. Pres. C. H. Humbert, Sec. F. W. Gordon, Treas. W. T. Brown. Capital \$250,000 Office, 155 4th Ave. 10 2

PONTIAC MICH.—Pontiac & Sylvan Lake St. Ry. Co. 5 m. Pres. M. B. Mills, Detroit; Sec. D. D. Jayne, 416 Hammond Bldg., Detroit; Treas. J. D. Norton. Pontiac. Capital, \$150,000. 8 2

PORTSMOUTH, O.—Portsmouth St. R. R & Lt. Co. 5 m, 4-8 1/2 g, 45, 67 lb r, 7 c, of which 5 are m c and 2 t c. Pres. G. Davis, V. Pres. F. Z. Smith, Sec. & Treas. S. B. Emmonds. Capital \$125,000.

POTTSTOWN, PA.—Citizens' Passenger Ry. Co 12 1/2, 4-8 1/2 g, 70 lb r, 6 m c. Pres. J. A. Weber, Sec & Treas. J. C. Hellig. Office 227 1/2 High St. 11 2

POTTSVILLE, PA.—Pottsville, Cressona, Schuylkill Haven & Orwingsburg Electric Ry. Co. 12 m, 4-8 1/2 g, T r. Pres. J. T. Shoener, V. Pres. G. F. Dengler, Sec. & Gen. Man. L. K. Hannum. 9 3

S

ST. LOUIS, MO.—Kirkwood, Webster & St. Louis R. R. Co. Elec. 8 m, 4-8 1/2 g, 60 lb r, 7 m c. Capital, \$350,000. 11 2

Clayton & Forest Park Ry. Co. Elec. 4 1/2 m. 4-8 1/2 g 60 lb T & girder r. Pres. T. K. Skinner, V. Pres. T. L. Boland, Sec. & Treas. B. F. Thomas. Capital, \$65,000; authorized \$100,000. Office 220 N. High st., Room 522. 9 3

SALEM, ORE.—Capital City Ry. Co. Elec. 7 m, 4-8 1/2 g, 30, 40 lb T r, 8 m c. Edison system. Pres. D. Simpson, Sec. & Treas. T. H. Barnes. Capital & 100,000. 8 2

SCOTSDALE, PA.—Scottdale, Everson & Broadford St. Ry. Co. Elec. 5 m, 5-2 g, 45 lb girder r, 4 m c Pres. N. Miles, Sec. J. R. Byrne, Treas. W. N. Porter To be built in 1894 9 3

SCRANTON, PA.—Scranton Rapid Transit Co. Elec. 10 m, 4-8 1/2 g, 56, 80 lb T & girder r, 20 c. Wightman system. Pres. P. J. Horan, Sec. A. Frothingham Treas. M. J. Wightman. 1 3

Shamokin & Elysburg Electric Ry. Co. 6 m, 4-8 1/2 T r, 5 m c. Pres. E. C. Hamilton, Sec. J. I. Higbee, Treas. C. M. Clement. Capital, \$100,000. 2 3

SPARTANBURG, S. C.—Spartanburg, Clifton & Glendale R. R. Co. 2 1/2 m. Steam. 4-8 1/2 g, 40 lb T r, 3 c. 1 engine. Pres. A. H. Lettwich, V. Pres. J. W. Fowler, Sec. & Treas. W. D. Fowler, Gen. Man. & Supt. W. E. Fowler 9 3

SPOKANE FALLS, WASH.—Spokane & University Heights St. Ry. Co. 7 m elec. 4-8 1/2 g, 35 lb T r 3 c. Pres. & Gen. Man., Allan V. Garratt, V. Pres Robert Abernethy, Sec. L. B. Cornell. Capital, \$100,000. 4 2

Spokane & Coeur d'Alene Ry. & Navigation Co. Elec. 32 m, 4-8 1/2 g, 56 lb T r, 4 m c. Gen. Elec. system. Pres. A. A. Newberry, Sec. W. S. Norman, Treas. D. M. Drumhilt, Ch. Eng. B. C. Riblet. Capital, \$500,000. 8 2

SUNBURY, PA.—Sunbury & Selins Grove Elec. Ry. Co. 6 m, 4-8 1/2 g, T r, 8 m c. Pres. E. C. Hamilton, Sec. J. I. Higbee, Treas. C. M. Clement. Capital, \$100,000. 9 3

SYRACUSE, N. Y.—Syracuse, Fayetteville & Manlius Ry. Co. Elec. 12 m, 4-8 1/2 g, 60 lb T r, 10 to 14 m c. Pres. R. R. Spaulding, V. Pres. & Gen. Man. E. W. Emmons, Sec. C. A. Spaulding. Capital \$250,000. Office, New York. 7 3

T

TAMPA, FLA.—Consumers' Elec. Lt. & St. R. R. Co. 9 m, 4-8 1/2 g, 45, 56 lb T & girder r, 9 c, of which 7 are m c and 2 t c. T-H system. Brill and Brownell cars. Pres. W. B. Henderson, V. Pres. & Treas. E. S. Douglass, Sec. & Supt. J. T. Douglass. Capital \$50,000. Bonds \$200,000 9 3

TAMAQUA, PA.—Tamaqua & Lansford St. Ry Co. Elec. 9 m, T r, 8 c. Pres. F. P. Spiese, V. Pres. R. Harris, Sec. A. P. Blakeslee, Treas. P. J. Ferguson. Capital, \$100,000. Office, 45 45 W. Broad St. 9 3

V

VELASCO, TEX.—Bryan Heights Ry. Co. Dummy. 5 m, 4-8 1/2 g, 25 lb T r. Pres. J. P. Bryan, V. Pres. G. M. Bryan, Jr., Sec. & Treas. F. S. Robbins. Capital, \$25,000. 4 2

W

WASHINGTON, D. C.—District of Columbia Suburban Ry. Co. Elec. 13 m, 4-8 1/2 g, T & girder r. Pres. G. Moyers, V. Pres. & Supt. G. P. Davis Sec. H. Barton, Treas. L. C. Loomis. 9 2

WATERTOWN, N. Y.—Watertown & Brownville St. Ry. Co. Pres. A. H. Sawyer, V. Pres. S. Cooper, Sec. & Treas. G. F. Clark. n 6 3

WAVERLY, N. Y.—Waverly, Sayre & Athens Electric Traction Co. 7 m, 4-8 1/2 g, 45, 52 lb T & girder r, 6 m c. Pres. A. N. Broadhead, V. Pres. W. L. Watrous, Sec. A. C. Wade, Treas. C. M. Dow. Capital, \$75,000. 2 3

WELLSTON, O.—Wellston Electric Belt R. R. Co. Elec and Steam. 35 m, 4-8 1/2 g, 60 lb T r, 10 motors with t c. Capital, \$1,000,000. Address Harvey Wells. 3 3

WEST CHESTER, PA.—Suburban Ry. Co. of West Chester. 25 m, 4-8 1/2 g, 5 m c. Pres. W. J. Fell Engr. W. S. Kirk. Office, 402 N. Church St. 8 3

WEST NEWBURY, MASS.—People's St. Ry. Co. Pres. F. S. Carr, Sec. F. W. Noyes, Treas. H. O. Delano, n 6 3

WORCESTER, MASS.—State Central Ry. Co. Elec. 4-8 1/2 g. Pres. S. Winslow, Treas. T. Robinson. Capital, \$650,000. 5 3

Y

YORK, PA.—York & Dallastown Electric Ry. Co. 6 m, 4-8 1/2 g, Pres. W. H. Lanus, Sec. F. Geise, Treas. G. Hersh. Capital \$40,000. 7 3



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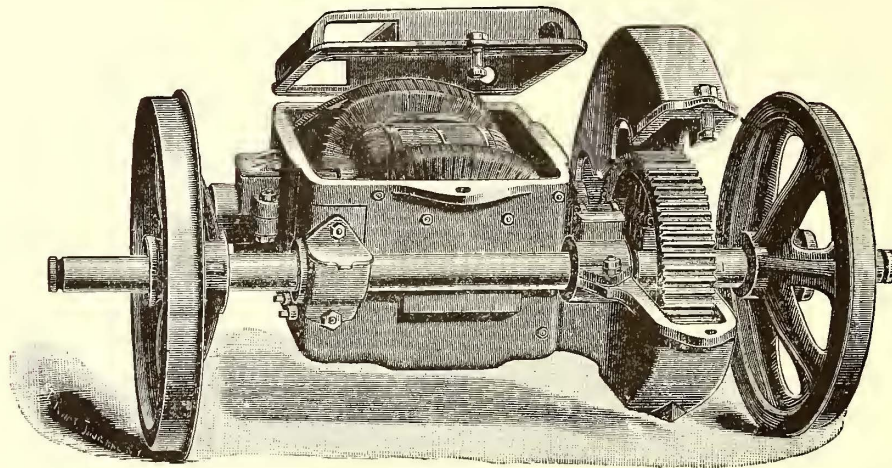
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Portsmouth Street Railroad & Light Co.,	- - - -	Portsmouth, O.
Oil City Street Railway Co.,	- - - -	Oil City, Pa.

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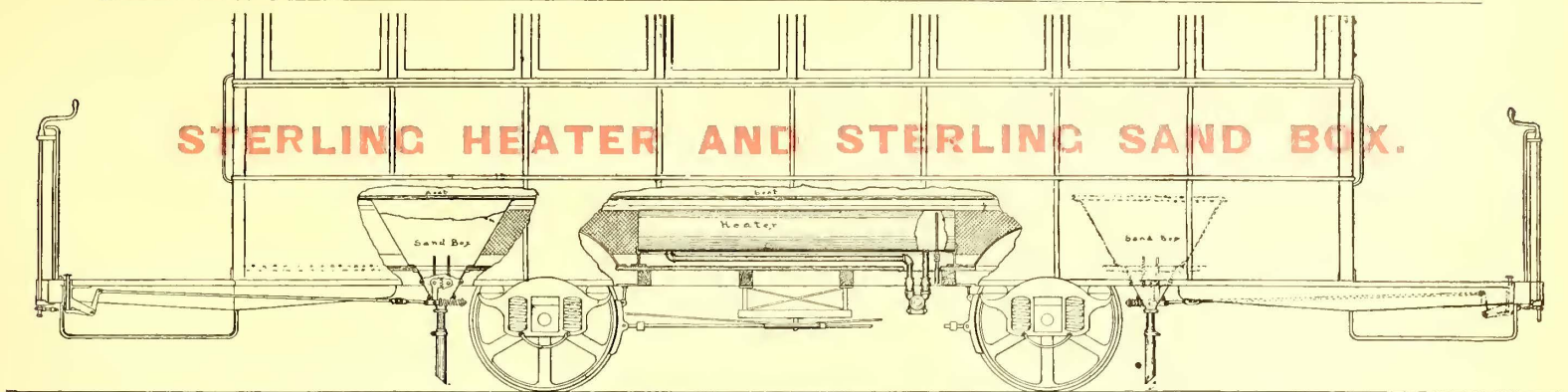
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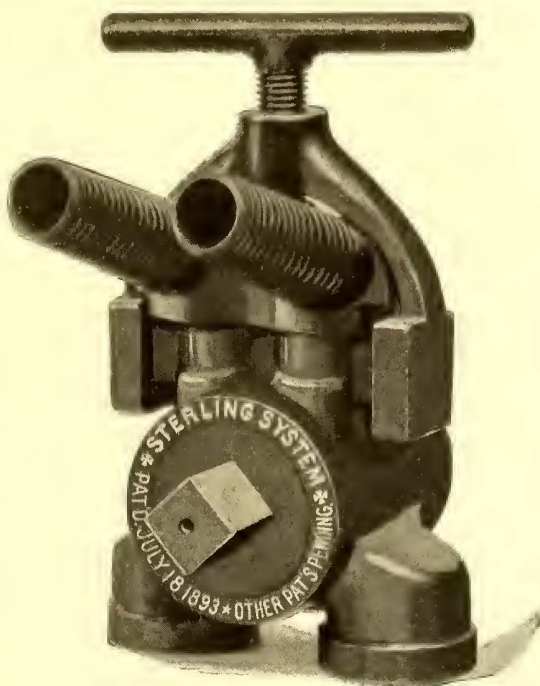
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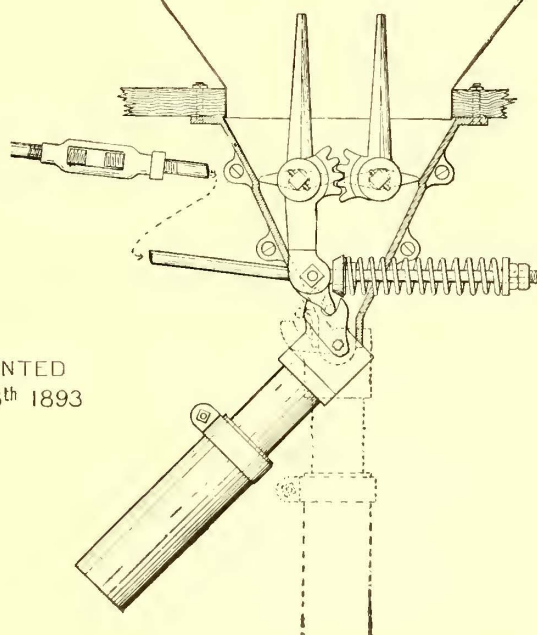
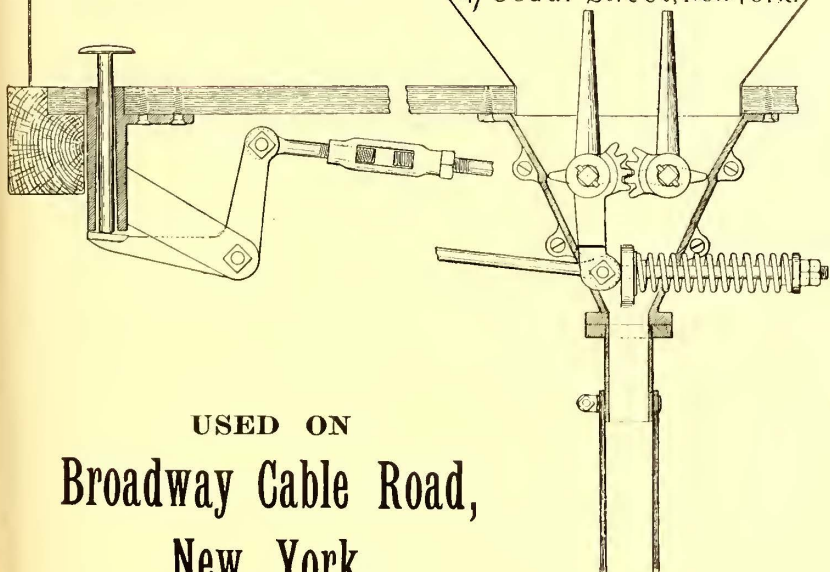


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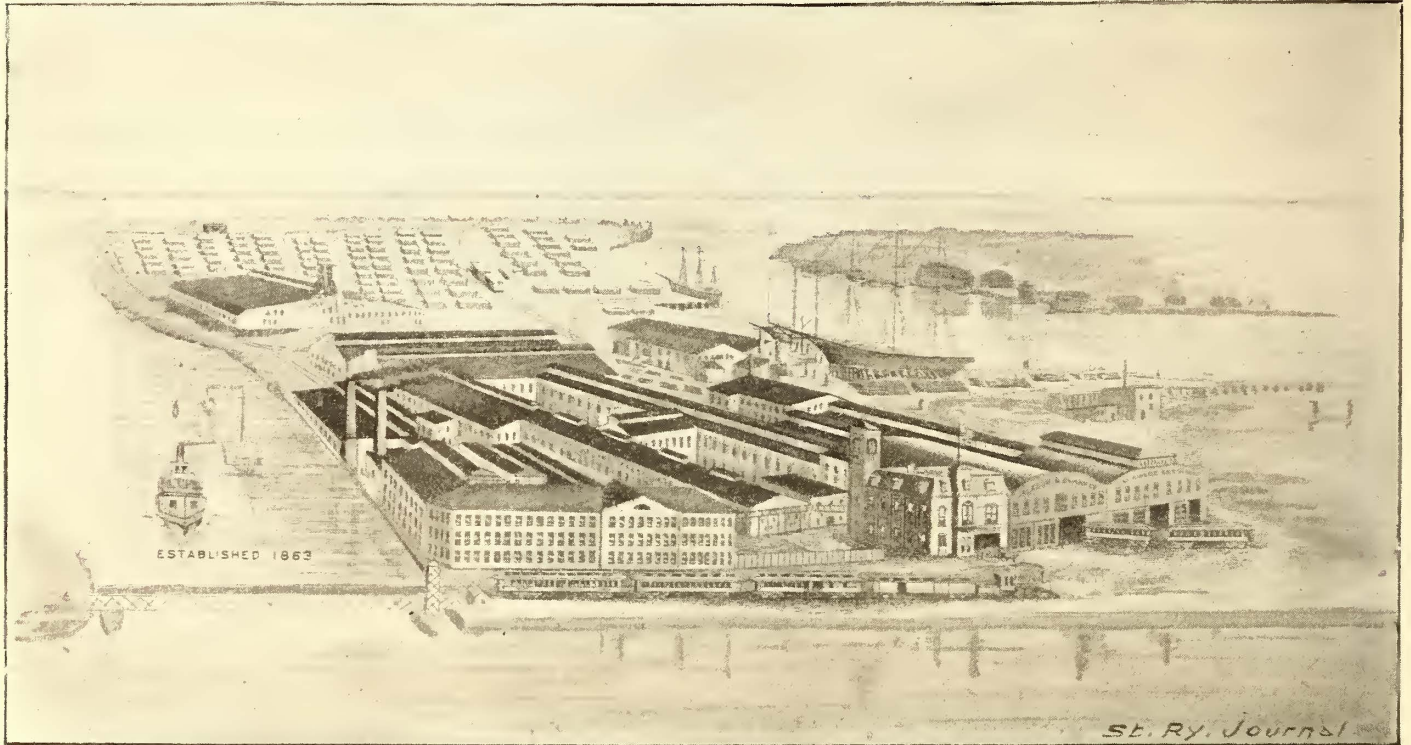
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New York Equipment Co., New York.
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Walker Manufacturing Co., The, Cleveland, O.
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New York Insulated Wire Co., New York.
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Trenton Iron Company, Trenton, N. J.
Walker Manufacturing Co., Cleveland, O.
Washburn & Moen Mfg. Co., Worcester, Mass.

CABLES, TELEPHONE & TELEGRAPH

Brown Electric Co., Boston, Mass.
Eastern Electric Cable Co., Boston, Mass.
Habrshaw Wire, Yonkers, N. Y.
Moore, Alfred F., Philadelphia, Pa.
New York Electrical Works, New York.
Okonite Co. (Ltd.), The, New York.
Roebbling's, John A., Sons Co., Trenton, N. J.
Simplex Electrical Co., Boston, Mass.
Washburn & Moen Mfg. Co., Worcester, Mass.

CAR CEILING.

Brill, J. G. Co., Philadelphia, Pa.
Fowler, J. W., Car Co., Elizabethport, N. J.
Frost Veneer Seating Co., N. Y.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Stephenson, Jno., Co. Ld., New York.

CAR CHANNELS.

Cambria Iron Co., Philadelphia, Pa.
Johnson Co., Johnstown, Pa.
Wharton, Wm., Jr., & Co., Philadelphia, Pa.

CAR COUPLERS.

Fitzgerald-Van Dorn Co., The, Lincoln, Neb.

CAR CURTAINS.

Burrows, E. T., Co., The, Portland, Me.
Davis Car Shade Co., Portland, Me.
Brill, J. G., Co., Philadelphia, Pa.

CAR GATES & GUARDS.

Brill, J. G., Co., Philadelphia, Pa.
Pitt, Wm. R., Composite Iron Works, New York.

EDWARD SMITH & CO., COLORS AND VARNISHES, TIMES BUILDING, NEW YORK.

CAR LININGS.

Brill, J. G., Co., Philadelphia, Pa.
Woodman, Joel H., Hoboken, N. J.

CAR LUMBER.

Jackson & Sharp Co., Wilmington, Del.
Wetmore, A. B., New York.

CAR PANELS.

Brill, J. G. Co., Philadelphia, Pa.
Fowler, J. W., Car Co., Elizabethport, N. J.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Stephenson, Jno., Co., New York.
Trimble, Jas. A., New York.
Woodman, Joel H., Hoboken, N. J.

CAR ROOFS.

Frost Veneer Seating Co., New York.
Sjoberg, J. P., & Co., New York.
Trimble, Jas. A., New York.
Woodman, Joel H., Hoboken, N. J.

CAR SEATS.

Brill, J. G. Co., Philadelphia, Pa.
Frost Veneer Seating Co., New York.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Scarritt Furniture Co., St. Louis, Mo.
Sjoberg, J. P., & Co., New York.
Stephenson, Jno., Co. Ld., New York.
Trimble, Jas. A., New York.
Veneer Seating & Church Furniture Co., Brooklyn, N. Y.
Woodman, Joel H., Hoboken, N. J.

CAR SHADES.

Burrowes, E. T., Co., The, Portland, Me.
Davis Car Shade Co., Portland, Me.

CAR SIDES AND ENDS.

Brill, J. G., Co., Philadelphia, Pa.
Frost Veneer Seating Co., New York.
Sjoberg, J. P., & Co., New York.
Trimble, Jas. A., New York.
Woodman, Joel H., Hoboken, N. J.

CAR STOVES.

Brill, J. G., Co., Philadelphia, Pa.
Fowler, J. W., Car Co., Elizabethport, N. J.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Standard Railway Supply Co., Chicago, Ill.

CAR TRIMMINGS.

Brill, J. G., Co., Philadelphia, Pa.
Fowler, J. W., Car Co., Elizabethport, N. J.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Stephenson, Jno., Co., Ld., New York.

CARRIAGES.

Briggs Carriage Co., Amesbury, Mass.

CARS, NEW.

American Car Co., St. Louis, Mo.
Barney & Smith Car Co., Dayton, O.
Briggs Carriage Co., Amesbury, Mass.
Brill, J. G., Co., Philadelphia, Pa.
Brownell Car Co., St. Louis, Mo.
Ellis Car Co., Amesbury, Mass.
Fowler, J. W., Car Co., Elizabethport, N. J.
Gilbert Car Co., Troy, N. Y.
Jackson & Sharp Co., Wilmington, Del.
Jones, J. M., Sons, West Troy, N. Y.
Kuhlman, G. C., Co., Cleveland, O.
Laclede Car Co., St. Louis, Mo.
Lamokin Car Works, Philadelphia and Chester, Pa.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Morse, C. D., Car Mfg. Co., Millbury, Mass.
New Castle Car Manufacturing Co., New Castle, Pa.
New York Equipment Co., New York.
Newburyport Car Mfg. Co., Newburyport, Mass.
Pullman's Palace Car Co., Chicago, Ill.
Ralston & Henry, Philadelphia, Pa.
Steel Rail Supply Co., The, New York.
Stephenson, John, Co., Ld., New York.
St. Louis Car Co., St. Louis, Mo.
Trimble, James A., New York.

CARS, SECOND HAND.

New York Equipment Co., New York.
Ralston & Henry, Philadelphia, Pa.
Steel Rail Supply Co., The, New York.

CASTINGS.

Chester Steel Castings Co., Philadelphia, Pa.
Dorner & Dutton Mfg. Co., Cleveland, O.
Fulton Foundry Co., Cleveland, O.
Jonson Engineering & Foundry Co., New York.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
Pennsylvania Iron Works Co., Philadelphia, Pa.
Ralston & Henry, Philadelphia, Pa.
Shriver, T., & Co., New York.
Wharton, Wm., Jr., & Co., Philadelphia, Pa.
White, Edward C., New York.
Whitney, A., & Sons, Philadelphia, Pa.

CASTINGS (SPECIAL), FOR WATER AND GAS.

Floyd, James R. & Sons, New York.

CHAIRS.

Barbour, Stockwell Co., Cambridgeport, Mass.
Johnson Co., Johnstown, Pa.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
New York Equipment Co., New York.
Pennsylvania Iron Works, Philadelphia, Pa.
Steel Rail Supply Co., The, New York.
Wharton, Wm., Jr. & Co., Philadelphia, Pa.

CHANNEL PLATES.

Craig, Wm. P., East Orange, N. J.

CHIMNEYS, STEEL PLATE.

Philadelphia Engineering Works (Ltd.), Phila., Pa.

COAL SAVER.

North Western Land & Coal Co., Boston, Mass.

COMMUTATOR BARS.

Billings & Spencer Co., Hartford, Conn.
Williams, J. H., & Co., Brooklyn, N. Y.

COMPRESSORS.

Philadelphia Engineering Works (Ltd.), Phila., Pa.

CONDENSERS.

Philadelphia Engineering Works (Ltd.), Phila., Pa.

CONDUCTORS' CAPS.

Brill, J. G., Co., Philadelphia, Pa.
Wales Manufacturing Co., Syracuse, N. Y.

CONVEYORS, COAL AND ASHES.

Hunt, C. W., Co., New York.
Link-Belt Engineering Co., Nicetown, Pa.

COPPER WIRE

Benedict & Burnham Mfg. Co., Waterbury, Conn.
Ralston & Henry, Philadelphia, Pa.
Roehling's, John A., Sons Co., Trenton, N. J.

CRANES, TRAVELING.

Harrington, Edwin, Son & Co., Incorporated, Philadelphia, Pa.
Phoenix Iron Works, Cleveland, O.
Sellers, Wm. & Co., Incorp., Philadelphia, Pa.
Shriver, T., & Co., New York.

CROSSINGS, FROGS AND SWITCHES.

Barbour, Stockwell Co., Cambridgeport, Mass.
Dick, Kerr & Co., London, Eng.
Dorner & Dutton Mfg. Co., Cleveland, O.
Floyd, James R., & Sons, New York.
Fulton Truck & Foundry Co., Cleveland, O.
Harrington, Robinson & Co., Boston, Mass.
Jonson Engineering & Foundry Co., New York.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
New York Equipment Co., New York.
Pennsylvania Iron Works Co., Philadelphia, Pa.
Steel Rail Supply Co., The, New York.
Price Railway Appliance Co., Philadelphia, Pa.
Wharton, Wm., Jr., & Co., Philadelphia, Pa.
White Manufacturing Co., The, New York.

CURVED RAILS.

Barbour, Stockwell Co., Cambridgeport, Mass.
Craig, Wm. P., East Orange, N. J.
Floyd, James R. & Sons, New York.
Fulton Truck & Foundry Co., Cleveland, O.
Harrington, Robinson & Co., Boston, Mass.
Johnson Co., Johnstown, Pa.
Jonson Engineering & Foundry Co., New York.
Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
New York Equipment Co., New York.
Steel Rail Supply Co., The, New York.
Wharton, Wm., Jr., & Co., Philadelphia, Pa.

DETECTIVE SERVICE.

Mowatt's Detective Service, Cleveland, O.
National Railroad Detective Agency, Newark, N. J.
Reliable Detective Agency, The, New York.

DERMAGLUTINE.

Groetzinger, A., & Sons, Allegheny, Pa.

DIFFERENTIAL CABLE DRUMS.

Walker Manufacturing Co., The, Cleveland, O.

DROP FORGINGS.

Billings & Spencer Co., Hartford, Conn.
Williams, J. H., & Co., Brooklyn, N. Y.

DUMMY ENGINES.

Porter, H. K., & Co., Pittsburgh, Pa.

DYNAMOS.

Brown Electric Co., Boston, Mass.
Complete Electric Construction Co., New York.
Curtis Electric Mfg. Co., Jersey City, N. J.
Edison General Electric Co., New York.
Eddy Electric Mfg. Co., Windsor, Conn.
General Electric Co., Boston and New York.
New York Equipment Co., New York.
Railway Equipment Co., Chicago, Ill.
Siemens & Halske Electric Co. of America, Chicago.
Steel Motor Co., The, Cleveland, O.
United Columbian Electric Co., New York.
Waddell-Entz Co., New York.
Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
Woodbridge & Turner Engineering Co., New York.

ECONOMIZERS, "GREENS"

Fuel Economizer Co., The, Matteawan, N. Y.

ELECTRIC PUMPS.

Otis Brothers & Co., New York.

ELECTRIC RAILWAYS.

Bickford, J. H., Salem, Mass.
Complete Electric Construction Co., New York.
Dick, Kerr & Co., London, Eng.
Field Engineering Co., New York.
General Electric Co., Boston and New York.
Jonson Engineering & Foundry Co., New York.
McCarthy, F. E., & Co., Boston, Mass.
Murray, J. D., New Brunswick, N. J.
Nettel, O'Connor & Co., Incorporated, New York.
Pepper & Register, Philadelphia, Pa.
Pierce & Miller Engineering Co., New York.
Ralston & Henry, Philadelphia, Pa.
Reed & McKibbin, New York.
Wakefield Electrical Engineering Co., Philadelphia, Pa.
Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
Wharton, Wm., Jr., & Co., Philadelphia, Pa.
White, J. G., & Co., New York.
Woodbridge & Turner Engineering Co., New York.

ELECTRICAL INSTRUMENTS.

Weston Electrical Instrument Co., Newark, N. J.

ELECTRICAL SLATE AND MARBLE.

Murphy, T. J., New York.

ELECTRICAL SUPPLIES

Adams, W. L., & Co., Chicago, Ill.
Allen Electric & Supply Co., Philadelphia, Pa.
Anderson, A. & J. M., Boston, Mass.
Billings & Spencer Co., Hartford, Conn.
Brown Electric Co., Boston, Mass.
Curtis Electric Mfg. Co., Jersey City, N. J.
Cutter Electrical & Mfg. Co., Philadelphia, Pa.
Dick, Kerr & Co., London, Eng.
Eastern Electric Cable Co., Boston, Mass.
Eddy Electric Manufacturing Co., Windsor, Conn.
Electric Railway Equipment Co., Cincinnati, O.
Fiberite Co., The, Mechanicville, N. Y.
General Electric Co., Boston and New York.
Glenwood Works, Yonkers, N. Y.
Groetzinger, A. & Sons, Allegheny, Pa.
Johns, H. W., Manufacturing Co., New York.
Johns-Pratt Co., Hartford, Conn.
Moore, Alfred F., Philadelphia, Pa.
Nettel, O'Connor & Co., Incorporated, New York.
New York Electrical Works, New York.
New York Equipment Co., New York.
New York Insulated Wire Co., New York.
Okonite Co. (Ltd.), The, New York.
Railway Equipment Co., Chicago, Ill.
Ralston & Henry, Philadelphia, Pa.
Simplex Electrical Co., Boston, Mass.
Standard Paint Co., New York.
Standard Railway Supply Co., Chicago, Ill.
Steel Motor Co., The, Cleveland, O.
United Columbian Electric Co., New York.
Van Nuis, C. S., New York.
Waddell-Entz Co., New York.
Wales Manufacturing Co., Syracuse, N. Y.
Washburn & Moen Mfg. Co., Worcester, Mass.
Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
Weston Electrical Instrument Co., Newark, N. J.

ELECTROTYPING.

Field & Beattie, New York.

ELEVATORS.

Link-Belt Engineering Co., Nicetown, Pa.
Morse, Williams & Co., Philadelphia, Pa.
Otis Brothers & Co., New York.

ENGINEERS, CONSULTING.

Bickford, J. H., Salem, Mass.
Complete Electric Construction Co., New York.
Dick, Kerr & Co., London, Eng.
Field, C. J., New York.
Fowler, Geo. L., New York.
Hampson, Edw. P., & Co., New York.
Higgins, Edward E., New York.
Jonson Engineering & Foundry Co., New York.
Mailoux, C. O., New York.
Meyer, Julius, New York.
Nettel, O'Connor & Co., Incorporated, New York.
Parker, J. W., & Co., Philadelphia, Pa.
Pennsylvania Iron Works Co., Philadelphia, Pa.
Pepper & Register, Philadelphia, Pa.
Ralston & Henry, Philadelphia, Pa.
Reed & McKibbin, New York.
Wakefield Electrical Engineering Co., Philadelphia, Pa.
White, J. G. & Co., New York.
Woodbridge & Turner Engineering Co., New York.

ENGINEERS, ELECTRICAL.

Bickford, J. H., Salem, Mass.
Colburn, Ralph D., Holliston, Mass.
Complete Electric Construction Co., New York.
Dick, Kerr & Co., London, Eng.
Field, C. J., New York.
Field Engineering Co., New York.
General Electric Co., Boston and New York.
Higgins, Edward E., New York.
Jonson Engineering & Foundry Co., New York.
McCarthy, F. E., & Co., Boston, Mass.
Mailoux, C. O., Liberty St., New York.
Meyer, Julius, New York.
Murray, J. D., New Brunswick, N. J.
Nettel, O'Connor & Co., Incorporated, New York.
Parker, J. W., & Co., Philadelphia, Pa.
Pepper & Register, Philadelphia, Pa.
Ralston & Henry, Philadelphia, Pa.
Reed & McKibbin, New York.
Siemens & Halske Electric Co. of America, Chicago.
Sperry Electric Railway Co., Cleveland, O.
Van Nuis, C. S., New York.
Wakefield Electrical Engineering Co., Philadelphia, Pa.
Woodbridge & Turner Engineering Co., New York.

ENGINEERS, MECHANICAL.

Bickford, J. H., Salem, Mass.
Dick, Kerr & Co., London, Eng.
Falls Rivet & Machine Co., Cuyahoga Falls, O.
Field Engineering Co., New York.
Fowler, Geo. L., New York.
Hampson, Edw. P., & Co., New York.
Jarvis Engineering Co., Boston, Mass.
Jonson Engineering & Foundry Co., New York.
Lane & Bodley Co., The, Cincinnati, O.
McCarthy, F. E., & Co., Boston, Mass.
Meyer, Julius, New York.
Parker, J. W., & Co., Philadelphia, Pa.
Pennsylvania Iron Works Co., Philadelphia, Pa.
Pepper & Register, Philadelphia, Pa.
Shook, Anderson Mfg. Co., Pittsburgh, Pa.
Walker Manufacturing Co., The, Cleveland, O.
Woodbridge & Turner Engineering Co., New York.

ENGINEERS' SETS.

Wilmot & Hobbs, New York, and Bridgeport, Conn.

ENGINES.

Allis, The Edward P. Co., Milwaukee, Wis.
Altoona Manufacturing Co., Altoona, Pa.
Ames Iron Works, Oswego, N. Y.
Ball & Wood Co., The, New York.
Ball Engine Co., Erie, Pa.

Bates Machine Co., Joliet, Ill.
 Buckeye Engine Co., Salem, O.
 Clark Brothers, Belmont, N. Y.
 Cooper, C. & G., & Co., Mt. Vernon, O.
 Dickson Manufacturing Co., Scranton, Pa.
 Field Engineering Co., New York.
 Fishkill Landing Machine Co., Fishkill-on-Hudson
 Fleming, W. R. & Co., New York.
 Grant, J. A., & Co., Boston, Mass.
 Hampson, Edw. P. & Co., New York.
 Harrisburg Foundry & Machine Co., Harris'g, Pa.
 Hoffman & Billings Mfg. Co., Milwaukee, Wis.
 Hooven, Owens & Rentschler, Hamilton, O.
 Ide, A. L., & Son, Springfield, Ill.
 Jarvis Engineering Co., Boston, Mass.
 "L. P. & D." Transmitter Co., Montpelier, Vt.
 Lake Erie Engineering Co., Buffalo, N. Y.
 Lane & Bodley Co., The, Cincinnati, O.
 McEwen, J. H., Mfg. Co., Ridgway, Pa.
 McIntosh, Seymour & Co., Auburn, N. Y.
 New York Equipment Co., New York.
 Otto Gas Engine Works, Philadelphia, Pa.
 Parker, J. W., & Co., Philadelphia, Pa.
 Payne, B. W. & Sons, Elmira, N. Y.
 Pennsylvania Iron Works Co., Philadelphia, Pa.
 Philadelphia Engineering Works (Ltd.), Phila., Pa.
 Phoenix Iron Works, Cleveland, O.
 Pierce & Miller Engineering Co., New York.
 Southwark Foundry & Machine Co., Phila., Pa.
 Stearns Manufacturing Co., Erie, Pa.
 Walker Manufacturing Co., The, Cleveland, O.
 Wetherill, Robert, & Co., Chester, Pa.

ENGINES, BLOWING.

Philadelphia Engineering Works (Ltd.), Phila., Pa

ENGINES, HOISTING.

Dickson Manufacturing Co., Scranton, Pa.
 Walker Manufacturing Co., The, Cleveland, O.

ENGRAVING.

Field & Beattie, New York.

EYE BOLTS.

Billings & Spencer Co., Hartford, Conn.

FANS, STEAM.

Sturtevant, B. F., & Co., Boston, Mass.

FARE BOXES.

Brill, J. G. Co., Philadelphia, Pa.
 Brownell Car Co., St. Louis, Mo.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Stephenson, John, Co., Ltd., New York.
 Wales Manufacturing Co., Syracuse, N. Y.

FARE COLLECTORS.

Lewis & Fowler Mfg. Co., Brooklyn, N. Y.

FARE REGISTERS.

Brill, J. G. Co., Philadelphia, Pa.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 International Register Co., The, Chicago, Ill.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Meaker Mfg. Co., Chicago, Ill.
 New Haven Car Register Co., New Haven, Conn.
 Railway Register Mfg. Co., New York.
 St. Louis Car Co., St. Louis, Mo.
 St. Louis Register Co., St. Louis, Mo.
 Standard Index & Register Co., New York.
 Sterling Supply Co., New York.
 Wales Manufacturing Co., Syracuse, N. Y.

FEED WATER HEATERS.

Davis, I. B. & Son, Hartford, Conn.
 Fuel Economizer Co., The, New York.
 Goubert Manufacturing Co., The, New York.
 Hoppes Manufacturing Co., Springfield, O.
 Jarvis Engineering Co., Boston, Mass.
 Philadelphia Engineering Works (Ltd.), Phila., Pa

FEED WATER PURIFIERS (Live Steam).

Davis, I. B., & Son, Hartford, Conn.
 Goubert Manufacturing Co., New York.
 Hoppes Manufacturing Co., Springfield, O.

FENDERS AND GUARDS.

Clarke, F. H., Springfield, O.
 Crawford, R. A., Mfg. Co., Pittsburgh, Pa.
 Euphrat Life Saving Car Fender Co., New York.
 Field Electric Car Life Guard Co., Boston, Mass.
 Pfingst, Louis, Boston, Mass.
 Robins Life Guard & Mfg. Co., Philadelphia, Pa.

FORGINGS.

Dorner & Dutton Mfg. Co., Cleveland, O.

FRICTION CLUTCHES AND COUPLINGS.

Falls Rivet & Machine Co., Cuyahoga Falls, O.
 Lake, J. H. & D. Co., Massillon, O.
 Walker Manufacturing Co., Cleveland, O.

FURNACES.

Fleming, W. R., & Co., New York.
 Jarvis Engineering Co., Boston, Mass.
 Philadelphia Engineering Works (Ltd.), Phila., Pa

GEARING.

Chester Steel Castings Co., Philadelphia, Pa.
 Dickson Manufacturing Co., Scranton, Pa.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Electric Railway Equipment Co., Cincinnati, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 General Electric Co., Boston and New York.
 Gortzinger, A. & Sons, Allegheny, Pa.
 Mertes, A., Manufacturing Co., Allegheny, Pa.
 New Process Raw Hide Co., The, Syracuse, N. Y.
 Nuttall, R. D. Co., Allegheny, Pa.
 Pennsylvania Iron Works Co., Philadelphia, Pa.
 Shriver, T., & Co. New York.

Steel Motor Co., The, Cleveland, O.
 Walker Manufacturing Co., The, Cleveland, O.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 Woodbridge & Turner Engineering Co., New York.

GONGS, CABLE AND CAR.

Bevin Bros. Manufacturing Co., East Hampton, Conn.
 Brill, J. G., Co., Philadelphia, Pa.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Johnson Electric Co., Cleveland, O.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Pittsburgh Steel Hollow Ware Co., Allegheny, Pa.
 Standard Railway Supply Co., Chicago, Ill.

GRATE BARS, SECTIONAL.

Tupper, W. W., & Co., New York.

GRATES, SECTIONAL.

Tupper, W. W., & Co., New York.

GRIP DIES.

Pennsylvania Iron Works Co., Philadelphia, Pa.
 Walker Manufacturing Co., The, Cleveland, O.

GRIPS.

Pennsylvania Iron Works Co., Philadelphia, Pa.

GUTTERS.

Barbour, Stockwell Co., Cambridgeport, Mass.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

HEADLIGHTS.

Brill, J. G., Co., Philadelphia, Pa.
 New York Equipment Co., New York.
 Smith, J. D., New York.
 Steam Gauge & Lantern Co., Syracuse, N. Y.
 Wales Manufacturing Co., Syracuse, N. Y.
 Wheeler Reflector Co., Boston, Mass.

HEATERS, CAR.

Adams, W. L., & Co., Chicago, Ill.
 Baker, Wm. C., New York.
 Brill, J. G. Co., Philadelphia, Pa.
 Consolidated Car Heating Co., Albany, N. Y.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Safety Car Heating & Lighting Co., New York.
 Standard Railway Supply Co., Chicago, Ill.
 Sterling Supply Co., New York.

HEATERS, ELECTRIC.

Central Electric Heating Co., New York.
 Brill, J. G., Co., Philadelphia, Pa.
 Burton Electric Co., Richmond, Va.
 Consolidated Car Heating Co., Albany, N. Y.
 Reliable Manufacturing Co., Boston, Mass.
 Taylor, Dee & Mack, Chicago, Ill.
 Western Electric Heating Co., Chicago, Ill.

HYDRAULIC JACKS.

Schaffer, The J. T., Mfg. Co., Rochester, N. Y.
 Walker Manufacturing Co., The, Cleveland, O.
 Watson & Stillman, New York.

INSULATORS.

Allen Electric & Supply Co., Philadelphia, Pa.
 Brown Electric Co., Boston, Mass.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 Delaware Hard Fibre Co., Wilmington, Del.
 Electric Railway Equipment Co., Cincinnati, O.
 Fiberite Co., The, Mechanicville, N. Y.
 Johns, H. W., Manufacturing Co., New York.
 Railway Equipment Co., Chicago, Ill.
 Standard Paint Co., New York.
 Steel Motor Co., The, Cleveland, O.
 Wales Manufacturing Co., Syracuse, N. Y.
 Walworth Mfg. Co., Boston, Mass.

INSULATORS, MICA.

Johns, H. W., Manufacturing Co., New York.

IRON STRUCTURAL WORK.

Berlin Iron Bridge Co., East Berlin, Conn.
 Johnson Co., Johnstown, Pa.
 Wrought Iron Bridge Co., Canton, O.

KNEES AND OTHER TRACK CASTINGS.

Barbour, Stockwell Co., Cambridgeport, Mass.
 Craig, Wm. P., New York.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Floyd, James R., & Sons, New York.
 Fulton Truck & Foundry Co., Cleveland, O.
 Harrington, Robinson & Co., Boston, Mass.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Pennsylvania Steel Works, Philadelphia, Pa.
 Steel Rail Supply Co., The, New York.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

LAMPS.

Brill, J. G. Co., Philadelphia, Pa.

Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Smith, J. D., New York.
 Steam Gauge & Lantern Co., Syracuse, N. Y.
 Stephenson, John, Co., Ltd., New York.
 Wheeler Reflector Co., Washington, D. C.
 Wilmot & Hobbs, New York, and Bridgeport, Conn.

LAMPS, ELECTRIC.

Brown Electric Co., Boston, Mass.
 General Electric Co., Boston and New York.
 General Incandescent Arc Light Co., New York.
 Wheeler Reflector Co., Boston, Mass.

LAW.

Eppley, Francis M., New York.
 McKinney, William M., New York.

LIGHTNING ARRESTERS.

Van Nuis, C. S., New York.

LOCK NUTS.

Young Lock Nut Co., New York.

LOCOMOTIVES.

Dickson Manufacturing Co., Scranton, Pa.
 Porter, H. K., & Co., Pittsburgh, Pa.
 Steel Rail Supply Co., The, New York.

LUBRICANTS.

Dixon, Joseph, Crucible Co., Jersey City, N. J.

LUMBER, CAR BUILDERS'.

Wetmore, A. B., New York.

MACHINE TOOLS

Harrington, Edwin, Son & Co., Incorporated, Philadelphia, Pa.
 Ralston & Henry, Philadelphia, Pa.
 Schaffer, The J. T., Mfg. Co., Rochester, N. Y.
 Sellers, Wm., & Co., Incorp., Philadelphia, Pa.

MAGNESIA SECTIONAL COVERINGS.

Keasbey, Robert A., New York.

MAGNETIC CUT-OUTS.

Cutter Electrical & Mfg. Co., Philadelphia, Pa.

MATTING, WIRE.

U. S. Wire Mat Co., Decatur, Ill.

MATTING, WOOD.

Brill, J. G. Co., Philadelphia, Pa.
 Lewis, Samuel, Brooklyn, N. Y.

MEDBERY INSULATION.

Fiberite Co., The, Mechanicville, N. Y.

MICA.

Belden, F. E., Mica Mining Co., Boston, Mass.

MOTORS, ELECTRIC.

Brown Electric Co., Boston, Mass.
 Complete Electric Construction Co., New York.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 Edison General Electric Co., Broad St., New York.
 Eddy Electric Manufacturing Co., Windsor, Conn.
 General Electric Co., Boston and New York.
 New York Equipment Co., New York.
 Railway Equipment Co., Chicago, Ill.
 Siemens & Halske Electric Co. of America, Chicago
 Steel Motor Co., The, Cleveland, O.
 United Columbian Electric Co., New York.
 Waddell-Enz Co., New York.
 Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
 Woodbridge & Turner Engineering Co., New York.

MOTORS GAS, STEAM, ETC.

Baldwin Locomotive Works, Philadelphia, Pa.
 Porter, H. K. & Co., Pittsburgh, Pa.

NUMBER BADGES.

Wales Manufacturing Co., Syracuse, N. Y.

OILERS.

Wilmot & Hobbs, New York, and Bridgeport, Conn.

PAINT, GRAPHITE.

Dixon, Joseph, Crucible Co., Jersey City, N. J.

PAINT, PRESERVATIVE, FOR IRON.

Standard Paint Co., New York.

PAINTS.

Johns, H. W., Manufacturing Co., New York.
 Valentine & Co., New York.

PATENT SOLICITORS, ETC.

Rosenbaum, Wm. A., New York.

PEDESTALS.

Brill, J. G. Co., Philadelphia, Pa.
 Fowler, J. W., & Co., Elizabethport, N. J.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Stephenson, John, Co., Ltd., New York
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White Manufacturing Co., The, New York.

PERFORATED METALS.

Mundt & Sons, New York.

PHOSPHOR BRONZE.

Phosphor Bronze Smelting Co., Philadelphia, Pa.

PINIONS, METALLIC.

Chester Steel Castings Co., Philadelphia, Pa.
 Dickson Manufacturing Co., Scranton, Pa.
 Dorner & Dutton Manufacturing Co., Cleveland, O.
 Electric Railway Equipment Co., Cincinnati, O.
 General Electric Co., Boston and New York.
 Mertes, A., Manufacturing Co., Allegheny, Pa.
 Nuttall, R. D., Co., Allegheny, Pa.
 Pennsylvania Iron Works, Philadelphia, Pa.
 Steel Motor Co., The, Cleveland, O.
 Walker Manufacturing Co., Cleveland, O.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 Woodbridge & Turner Engineering Co., New York.

PIPES.

Shook, Anderson Mfg. Co., Pittsburgh, Pa.

POLES, METAL.

Adams, W. L., & Co., Chicago, Ill.
 Allen Electric & Supply Co., Philadelphia, Pa.
 Berlin Iron Bridge Co., East Berlin, Conn.
 Electric Railway Equipment Co., Cincinnati, O.
 Nettel, O'Connor & Co., Incorporated, New York.
 New York Electrical Works, New York.
 New York Equipment Co., New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Railway Equipment Co., Chicago, Ill.
 Raiston & Henry, Philadelphia, Pa.
 Standard Railway Supply Co., Chicago, Ill.
 Walworth Mfg. Co., Boston, Mass.
 Wrought Iron Bridge Co., Canton, O.

POLES, WOODEN.

Hallowell, Eli B. & Co., Philadelphia, Pa.
 New York Equipment Co., New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Raiston & Henry, Philadelphia, Pa.

POWER TRANSMISSION.

"L. P. & D." Transmitter Co., Montpelier, Vt.
 Lake, J. H. & D. Co., Massillon, O.
 Link-Belt Engineering Co., Nicetown, Pa.
 Washburn & Moen, Mfg. Co., Worcester, Mass.

PRESSES, COPYING.

Shriver, T. & Co., New York.

PRESSES, LEVER, HYDRAULIC, ETC.

Schaffer, J. T., Manufacturing Co., Rochester, N. Y.
 Walker Manufacturing Co., The, Cleveland, O.
 Watson & Stillman, New York.

PRESSES, WHEEL.

Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Hathaway, Alfred G., Cleveland, O.
 Schaffer, J. T., Manufacturing Co., Rochester, N. Y.
 Watson & Stillman, New York.

PULLEY BOXES.

Walker Manufacturing Co., The, Cleveland, O.

PULLEYS.

Falls Rivet & Machine Co., Cuyahoga Falls, O.
 Friction Pulley & Mach. Works, Sandy Hill, N. Y.
 "L. P. & D." Transmitter Co., Montpelier, Vt.
 Lake, J. H. & D. Co., Massillon, O.
 Lane & Bodley Co., The, Cincinnati, O.
 Sellers, Wm., & Co., Incorp., Philadelphia, Pa.
 Shriver, T., & Co., New York.
 Walker Manufacturing Co., The, Cleveland, O.

PULLEYS, CABLE.

Jonson Engineering & Foundry Co., New York.
 Walker Manufacturing Co., The, Cleveland, O.
 Wharton, Wm., Jr. & Co., Philadelphia, Pa.

PUMPS.

Dickson Manufacturing Co., Scranton, Pa.
 Schaffer, J. T., Manufacturing Co., Rochester, N. Y.
 Shook, Anderson Mfg. Co., Pittsburgh, Pa.
 Southwark Foundry & Machine Co., Philadelphia, Pa.
 Walker Manufacturing Co., The, Cleveland, O.

RAIL BONDS.

Kelthley, H. R., Chicago, Ill.
 New York Electrical Works, New York.
 New York Equipment Co., New York.

RAIL JOINTS.

American Rail Joint Co., Marton, Ind.
 Cambria Iron Co., Philadelphia, Pa.
 Harrington, Robinson & Co., Boston, Mass.
 Johnson Co., Johnstown, Pa.
 New York Equipment Co., New York.
 Pennsylvania Steel Co., Philadelphia, Pa.
 Wharton, Wm. Jr. & Co., Philadelphia, Pa.

RAILS, GIRDER.

Barbour, Stockwell Co., Cambridgeport, Mass.
 Dick, Kerr & Co., London, Eng.
 Harrington, Robinson & Co., Boston, Mass.
 Johnson Co., Johnstown, Pa.
 Lewis & Fowler Girder Rail Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Pennsylvania Iron Works, Philadelphia, Pa.
 Raiston & Henry, Philadelphia, Pa.
 Steel Rail Supply Co., The, New York.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

RAILS, SECOND HAND.

New York Equipment Co., New York.
 Raiston & Henry, Philadelphia, Pa.

RAILS, TURNOUTS, CURVES, ETC.

Barbour, Stockwell Co., Cambridgeport, Mass.
 Cambria Iron Co., Philadelphia, Pa.

Craig, Wm. P., East Orange, N. Y.
 Dick, Kerr & Co., London, Eng.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Harrington, Robinson & Co., Boston, Mass.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering Co., New York.
 Lewis & Fowler Girder Rail Co., Brooklyn, N. Y.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Raiston & Henry, Philadelphia, Pa.
 Steel Rail Supply Co., The, New York.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

RAILWAY ADVERTISING.

U. S. Steam & Street Railway Advertising Co. New York and Boston.

RAILWAY FEED WIRES.

Adams, W. L., & Co., Chicago, Ill.
 Allen Electric & Supply Co., Philadelphia, Pa.
 Brown Electric Co., Boston, Mass.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 Eastern Electric Cable Co., Boston, Mass.
 Electric Railway Equipment Co., Cincinnati, O.
 Habirshaw Wire, Yonkers, N. Y.
 New York Equipment Co., New York.
 Okonite Co., The, Ltd., New York.
 Railway Equipment Co., Chicago, Ill.
 Roebbling's, John A., Sons Co., Trenton, N. J.
 Simplex Electrical Co., Boston, Mass.
 Standard Railway Supply Co., Chicago, Ill.
 Washburn & Moen Mfg. Co., Worcester, Mass.

RAW HIDE PINIONS.

Groetzinger, A. & Sons, Allegheny, Pa.
 New Process Raw Hide Co., Syracuse, N. Y.
 Nuttall, R. D. Co., Allegheny, Pa.
 Steel Motor Co., The, Cleveland, O.

REFLECTORS.

Smith, Josephine D., New York.
 Steam Gauge & Lantern Co., Syracuse, N. Y.
 Wheeler Reflector Co., Boston, Mass.

ROOFING.

Johns, H. W., Manufacturing Co., New York.

ROOFS, IRON.

Berlin Iron Bridge Co., East Berlin, Conn.
 Wrought Iron Bridge Co., Canton, G.

ROPE WHEELS.

Philadelphia Engineering Works (Ltd.), Phila., Pa.

ROPES, COTTON.

Walker Manufacturing Co., The, Cleveland, O.

ROTATING SIGNS.

Wheeler Reflector Co., Washington, D. C.

RUNNING GEAR.

Barney & Smith Car Co., Dayton, O.
 Bemis Car Box Co., Springfield, Mass.
 Brill, J. G., Co., Philadelphia, Pa.
 Brownell Car Co., St. Louis, Mo.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Fulton Truck & Foundry Co., Cleveland, O.
 General Electric Co., Boston and New York.
 Laclede Car Co., St. Louis, Mo.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 McGuire Manufacturing Co., Chicago, Ill.
 Peckham Motor Truck & Wheel Co., Kingston, N. Y.
 Robinson Electric Truck & Supply Co., Boston, Mass.
 St. Louis Car Co., St. Louis, Mo.
 Sheppard Manufacturing Co., Louisville, Ky.
 Stephenson, John, Co., Ltd., New York.
 Taylor Electric Truck Co., Troy, N. Y.
 Wharton, Wm., Jr. & Co., Philadelphia, Pa.

SALT DISTRIBUTORS.

Brill, J. G., Co., Philadelphia, Pa.
 Dewitt, E. F. & Co., Lansingburgh, N. Y.
 Reliable Manufacturing Co., The, Boston, Mass.

SAND BOXES.

Adams, W. L., & Co., Chicago, Ill.
 Brill, J. G., Co., Philadelphia, Pa.
 Crawford, R. A., Manufacturing Co., Pittsburgh, Pa.
 Dewitt, E. F. & Co., Lansingburgh, N. Y.
 Fulton Truck & Foundry Co., Cleveland, O.
 Peckham Motor Truck & Wheel Co., Kingston, N. Y.
 Reliable Manufacturing Co., The, Boston, Mass.
 Sterling Supply Co., New York.

SASHES.

Frost Veneer Seating Co., New York.
 Sjoberg, J. P., New York.
 Trimble, Jas. A., New York.
 Woodman, Joel H., Hoboken, N. J.

SCHOOLS.

Correspondence School of Technology, Cleveland, O.

SEATING, RAILROAD.

Woodman, Joel H., Hoboken, N. J.

SECURITIES.

Eppley, Francis M., New York.
 Hutchinson, A. J., New York.
 McKinney, William M., New York.
 New York Equipment Co., New York.

SEPARATORS.

Goubert Mfg. Co., (Stratton Separator) The, New York.

SHAFTING.

Lane & Bodley Co., The, Cincinnati, O.
 Sellers, Wm. & Co., Incorp., Philadelphia, Pa.

SIGNAL LIGHTS.

Brill, J. G. Co., Philadelphia, Pa.
 Stephenson, Jno., Co. Ltd., New York.

SILICON BRONZE WIRE.

Roebbling's, John A., Sons Co., New York.

SNOW PLOWS.

Adams, W. L., & Co., Chicago, Ill.
 Brill, J. G. Co., Philadelphia, Pa.
 Brooklyn Railway Supply Co., Stamford, Conn.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Floyd, James R., & Sons, New York.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 General Electric Co., Boston and New York.
 Lewis & Fowler Manufacturing Co., Brooklyn, N. Y.
 Morse, C. D., Car Mfg. Co., Millbury, Mass.
 New York Equipment Co., New York.
 Standard Railway Supply Co., Chicago, Ill.
 Waies Manufacturing Co., Syracuse, N. Y.
 White Manufacturing Co., The, New York.

SPIKES AND EASTENINGS.

Fulton Truck & Foundry Co., Cleveland, O.
 Harrington, Robinson & Co., Boston, Mass.
 New York Equipment Co., New York.
 Steel Rail Supply Co., The, New York.

SPRINKLERS, TRACK AND ROAD.

Brill, J. G. Co., Philadelphia, Pa.
 Day, Josiah F., New York.

SPRINGS, CAR.

Brill, J. G. Co., Philadelphia, Pa.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Railway Equipment Co., Chicago, Ill.
 Scott, Charles, Spring Co., Philadelphia, Pa.
 Stephenson, Jno., Co. Ltd., New York.
 Vose Spring Co., The, New York.

STEAM PLANTS.

Altoona Manufacturing Co., Altoona, Pa.
 Bates Machine Co., Joliet, Ill.
 Brightman Stoker Co., Cleveland, O.
 Clark Brothers, Belmont, N. Y.
 Dickson Manufacturing Co., Scranton, Pa.
 Field Engineering Co., New York.
 Grant, J. A., & Co., New York.
 Hampson, Edw. P., & Co., New York.
 Jarvis Engineering Co., Boston, Mass.
 Lane & Bodley Co., The, Cincinnati, O.
 McIntosh, Seymour & Co., Auburn, N. Y.
 Nettel, O'Connor & Co., Incorporated, New York.
 New York Equipment Co., New York.
 Parker, J. W., & Co., Philadelphia, Pa.
 Pierce & Miller Engineering Co., New York.
 Stearns Manufacturing Co., Erie, Pa.
 Wetherill, Robert, & Co., Chester, Pa.

STEEL CASTINGS.

Chester Steel Castings Company, Philadelphia, Pa.

STEEL STEPS.

Stanwood Manufacturing Co., Chicago, Ill.

STOCKS AND BONDS.

Eppley, Francis M., New York.
 Higgins, E. E., New York.
 McKinney, William M., New York.

STORAGE BATTERIES.

Electric Storage Battery Co., The, Philadelphia, Pa.
 Waddell-Entz Co., New York.

STORAGE BATTERY CELLS.

Electric Storage Battery Co., The, Philadelphia, Pa.

STOKERS, MECHANICAL.

Brightman Stoker Co., Cleveland, O.

STREET RAILWAY BUILDERS.

Bickford, J. H., Salem, Mass.
 Complete Electric Construction Co., New York.
 Conway, M. W., Brooklyn, N. Y.
 Craig, Wm. P., East Orange, N. J.
 Dick, Kerr & Co., London, Eng.
 Electric Railway Equipment Co., Cincinnati, O.
 Field Engineering Co., New York.
 General Electric Co., Boston and New York.
 Hutchinson, A. J., New York.
 Jonson Engineering & Foundry Co., New York.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 McCarthy, F. E., & Co., Boston, Mass.
 Murray, J. D., New Brunswick, N. J.
 Nettel, O'Connor & Co., Incorporated, New York.
 Pennsylvania Iron Works Co., Philadelphia, Pa.
 Pepper & Register, Philadelphia, Pa.
 Wakefield Electrical Engineering Co., Philadelphia, Pa.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White, J. G. & Co., New York.
 Woodbridge & Turner, Engineering Co., New York.

STREET RAILWAY SUPPLIES.

Adams, W. L., & Co., Chicago, Ill.
 Allen Electric & Supply Co., Philadelphia, Pa.
 Barbour, Stockwell Co., Cambridgeport, Mass.
 Beadle, Edward, New York City.
 Brill, J. G. Co., Philadelphia, Pa.
 Brooklyn Railway Supply Co., Stamford, Conn.
 Brown Electric Co., Boston, Mass.
 Cambria Iron Co., Philadelphia, Pa.
 Chester Steel Castings Co., Philadelphia, Pa.
 Conway, M. W., Brooklyn, N. Y.
 Craig, Wm. P., East Orange, N. J.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 Dick, Kerr & Co., London, Eng.
 Dorner & Dutton Mfg. Co., Cleveland, O.

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Electric Railway Equipment Co., Cincinnati, O.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Fuel Economizer Co., The, New York.
 Fulton Truck & Foundry Co., Cleveland, O.
 General Electric Co., Boston and New York.
 Harrington, Robinson & Co., Boston, Mass.
 Hutchinson, A. J., New York.
 Johns, H. W., Manufacturing Co., New York.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering & Foundry Co., New York.
 Keithley, H. R., Chicago, Ill.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 McCarthy, F. E. & Co., Boston, Mass.
 Nettel, O'Connor & Co., Incorporated, New York.
 New York Electrical Works, New York.
 New York Equipment Co., New York.
 Peckham Motor Truck & Wheel Co., Kingston, N. Y.
 Pennsylvania Iron Works Co., Philadelphia.
 Railway Equipment Co., Chicago, Ill.
 Reliable Manufacturing Co., The, Boston, Mass.
 Sheppard Manufacturing Co., Louisville, Ky.
 Standard Railway Supply Co., Chicago, Ill.
 Steel Motor Co., The, New York.
 Steel Rail Supply Co., The, New York.
 Stephenson, John, Co., Ltd., New York.
 Sterling Supply Co., New York.
 Taylor Electric Truck Co., Troy, N. Y.
 United Columbian Electric Co., New York.
 Wakefield Electrical Engineering Co., Philadelphia, Pa.
 Walworth Manufacturing Co., Boston, Mass.
 Washburn & Moen Mfg. Co., Worcester, Mass.
 Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White Manufacturing Co., The, New York.
 Willmot & Hobbs, New York, and Bridgeport, Conn.
 Woodbridge & Turner Engineering Co., New York

SURFACE CONDENSERS.

Philadelphia Engineering Works (Ltd.), Phila, Pa.

SWEEPERS.

Adams, W. L., & Co., Chicago, Ill.
 Brill, J. G., Co., Philadelphia, Pa.
 Brooklyn Railway Supply Co., Stamford, Conn.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 General Electric Co., Broad St., New York.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Morse, C. D., Car Mfg. Co., Millbury, Mass.
 Standard Railway Supply Co., Chicago, Ill.
 White Manufacturing Co., The, New York.

SWITCH TONGUES.

Chester Steel Castings Co., Philadelphia, Pa.
 Harrington, Robinson & Co., Boston, Mass.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering & Foundry Co., New York.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White Manufacturing Co., The, New York.

SWITCHES.

Craig, Wm. P., East Orange, N. J.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Harrington, Robinson & Co., Boston, Mass.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering & Foundry Co., New York.
 Lewis & Fowler, Brooklyn, N. Y.
 Steel Rail Supply Co., The, New York.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

SWITCHES, PRESSURE PLATE.

Pressure Plate Switch Co., The, Brooklyn, N. Y.

TICKET PUNCHES.

Wales Manufacturing Co., Syracuse, N. Y.
 Woodman, The R., Mfg. & Supply Co., Boston, Mass.

TICKETS (LITHOGRAPHED).

Lithograph Street Car Ticket Co., Cleveland, O.

TIES.

Hallowell, Ell B., & Co., Philadelphia, Pa.

TIME TRANSFER PRINTERS.

Time Transfer Printer Mfg. Co., Pittsburgh, Pa.

TOWER WAGONS.

Briggs Carriage Co., Amesbury, Mass.
 Davis, W. S. & Sons, Concord, N. H.

TRACK CLEANERS AND SCRAPERS.

Adams, W. L., & Co., Chicago, Ill.
 Barbour, Stockwell Co., Cambridgeport, Mass.
 Brill, J. G. Co., Philadelphia, Pa.
 Dorner & Dutton, Cleveland, O.
 Fowler, J. W., Car Co., Elizabethport, N. J.
 Fulton Truck & Foundry Co., Cleveland, O.
 Lewis & Fowler Manufacturing Co., Brooklyn, N. Y.
 Standard Railway Supply Co., Chicago, Ill.

TRACK WRENCHES.

Chester Steel Castings Co., Philadelphia, Pa.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

TRACKMEN'S TOOLS.

Wharton, Wm., Jr., & Co., Philadelphia, Pa.

TRANSFER TABLES.

Barbour, Stockwell Co., Cambridgeport, Mass.
 Brill, J. G. Co., Philadelphia, Pa.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Harrington, Robinson & Co., Boston, Mass.
 Hathaway, Alfred G., Cleveland, O.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering & Foundry Co., New York.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 Morse, C. D., Car Mfg. Co., Millbury, Mass.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White Manufacturing Co., The, New York.

TROLLEY BUSHINGS.

Electric Railway Equipment Co., Cincinnati, O.
 New York Electrical Works, New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Steel Motor Co., The, Cleveland, O.

TROLLEY HANGERS.

Adams, W. L., & Co., Chicago, Ill.
 Anderson, A. & J. M., Boston, Mass.
 Brown Electric Co., Boston, Mass.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 General Electric Co., Boston and New York.
 New York Electrical Works, New York.
 Nuttall, R. D. Co., Allegheny, Pa.
 Railway Equipment Co., Chicago, Ill.
 Standard Railway Supply Co., Chicago, Ill.
 Steel Motor Co., The, Cleveland, O.
 Wales Manufacturing Co., Syracuse, N. Y.
 Walworth Manufacturing Co., Boston, Mass.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 Woodbridge & Turner, Engin'ring Co., New York.

TROLLEY SWITCHES.

Adams, W. L., & Co., Chicago, Ill.
 Anderson, A. & J. M., Boston, Mass.
 General Electric Co., Boston and New York.
 New York Electrical Works, New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Railway Equipment Co., Chicago, Ill.
 Steel Motor Co., The, Cleveland, O.
 Standard Railway Supply Co., Chicago, Ill.

TROLLEYS AND TROLLEY WHEELS.

Adams, W. L., & Co., Chicago, Ill.
 Allen Electric & Supply Co., Philadelphia, Pa.
 Anderson, A. & J. M., Boston, Mass.
 Brown Electric Co., Boston, Mass.
 Curtis Electric Mfg. Co., Jersey City, N. J.
 General Electric Co., Boston and New York.
 Johns H. W., Manufacturing Co., New York.
 New York Electrical Works, New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Railway Equipment Co., Chicago, Ill.
 Standard Railway Supply Co., Chicago, Ill.
 Steel Motor Co., The, Cleveland, O.
 Wales Manufacturing Co., Syracuse, N. Y.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 Woodbridge & Turner Engin'ring Co., New York.

TRUCKS, MOTOR, ETC.

Barney & Smith Car Co., Dayton, O.
 Bemis Car Box Co., Springfield, Mass.
 Brill J. G. Co., Philadelphia, Pa.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Edison General Electric Co., Broad st., N. Y.
 Fulton Truck & Foundry Co., Cleveland, O.
 General Electric Co., Boston and New York.
 Laclede Car Co., St. Louis, Mo.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 McGuire Mfg. Co., Chicago.
 New York Equipment Co., New York.
 Peckham Motor Truck & Wheel Co., Kingston, N. Y.
 Robinson Electric Truck & Supply Co., Boston, Mass.
 Sheppard Manufacturing Co., Louisville, Ky.
 St. Louis Car Co., St. Louis, Mo.
 Stephenson, John, Co., New York.
 Taylor Electric Truck Co., Troy, N. Y.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.

TRUCKS, RADIAL.

Robinson Electric Truck & supply Co., Boston.
 Taylor Electric Truck Co., Troy, N. Y.
 White, Edward C., New York.

TURNTABLES.

Brill, J. G. Co., Philadelphia, Pa.
 Dick, Kerr & Co., London, Eng.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Hathaway, Alfred G., Cleveland, O.
 Johnson Co., Johnstown, Pa.
 Jonson Engineering & Foundry Co., New York.
 Lewis & Fowler Mfg. Co., Brooklyn, N. Y.
 New York Equipment Co., New York.
 Sellers, Wm., & Co., Incorp., Philadelphia, Pa.
 Wharton, Wm., Jr., & Co., Philadelphia, Pa.
 White Manufacturing Co., The, New York.

UNIFORM BUTTONS.

Wales Manufacturing Co., Syracuse, N. Y.

VALVES AND GATES.

Chapman Valve Mfg. Co., Indian Orchard, Mass.
 Lunkenheimer Co., Cincinnati, O.
 Shook, Anderson Mfg. Co., Pittsburgh, Pa.

VARNISHES.

Johns, H. W., Manufacturing Co., New York.
 Reid, John J., Newark, N. J.
 Smith, Edward, & Co., New York.
 Valentine & Co., New York.

VENEERS.

Frost Veneer Seating Co., New York.
 Veneer Seating & Church Furniture Co., Brooklyn, N. Y.
 Woodman, Joel H., Hoboken, N. J.

VOLTMETERS AND AMMETERS.

Weston Electrical Instrument Co., Newark, N. J.

VULCABESTON.

Johns, H. W., Manufacturing Co., New York.

VULCANIZED FIBRE.

Vulcanized Fibre Co., 14 Dey st., New York.

WAGONS.

Briggs, Carriage Co., Amesbury, Mass.

WATER COLUMNS.

Reliance Gauge Co., Cleveland, O.

WHEELS.

Brill, J. G. Co., Philadelphia, Pa.
 Chester Steel Castings Co., Philadelphia, Pa.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 Lewis & Fowler, Mfg. Co., Brooklyn, N. Y.
 Lobdell Car Wheel Co., Wilmington, Del.
 Peckham Motor Truck & Wheel Co., Kingston, N. Y.
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 Stephenson, Jno., Co. Ltd., New York.
 Taylor Electric Truck Co., Troy, N. Y.
 White, Edward C., New York.
 Whitney, A., & Sons, Philadelphia, Pa.

WHEELS, CHILED.

Brill, J. G., Co., Philadelphia, Pa.
 Dorner & Dutton Mfg. Co., Cleveland, O.
 Fulton Truck & Foundry Co., Cleveland, O.
 White, Edward C., New York.
 Whitney, A. & Sons, Philadelphia, Pa.

WIRE.

American Electrical Works, Providence, R. I.
 Anderson, A. & J. M., Boston, Mass.
 Brown Electric Co., Boston, Mass.
 California Wire Works, San Francisco, Cal.
 Eastern Electric Cable Co., Boston, Mass.
 General Electric Co., Boston and New York.
 Habirshaw Wire, Yonkers, N. Y.
 Hazard Manufacturing Co., Wilkesbarre, Pa.
 Moore, Alfred F., Philadelphia, Pa.
 New York Equipment Co., New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Okonite Co. (Ltd.), The, New York.
 Railway Equipment Co., Chicago, Ill.
 Raiston & Henry, Philadelphia, Pa.
 Roehling's, John A., Sons Co., Trenton, N. J.
 Shawmut Fuse Wire Co., Boston, Mass.
 Simplex Electrical Co., Boston, Mass.
 Trenton Iron Co., Trenton, N. J.
 Walker Manufacturing Co., The, Cleveland, O.
 Washburn & Moen Mfg. Co., Worcester, Mass.

WIRE, INSULATED.

Adams, W. L., & Co., Chicago, Ill.
 Allen Electric & Supply Co., Philadelphia, Pa.
 American Electrical Works, Providence, R. I.
 Anderson, A. & J. M., Boston, Mass.
 Brown Electric Co., Boston, Mass.
 Cutter Electrical & Mfg. Co., Philadelphia.
 Eastern Electric Cable Co., Boston, Mass.
 General Electric Co., Boston and New York.
 Habirshaw Wire, Yonkers, N. Y.
 Moore, Alfred F., Philadelphia, Pa.
 Nettel, O'Connor & Co., Incorporated, New York.
 New York Equipment Co., New York.
 New York Insulated Wire Co., New York.
 Nuttall, R. D., Co., Allegheny, Pa.
 Okonite Co. (Ltd.), The, New York.
 Railway Equipment Co., Chicago, Ill.
 Raiston & Henry, Philadelphia, Pa.
 Roehling's, John A., Sons Co., Trenton, N. J.
 Simplex Electrical Co., Boston, Mass.
 Standard Railway Supply Co., Chicago, Ill.
 Steel Motor Co., The, Cleveland, O.
 Washburn & Moen Mfg. Co., Worcester, Mass.

WOODWORK, CAR.

Brill, J. G., Co., Philadelphia, Pa.
 Kuhlman, G. C., Co., Cleveland, O.
 Morse, C. D., Car Mfg. Co., Millbury, Mass.
 Sjoberg, J. P., & Co., New York.
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 Wetmore, A. B., New York.

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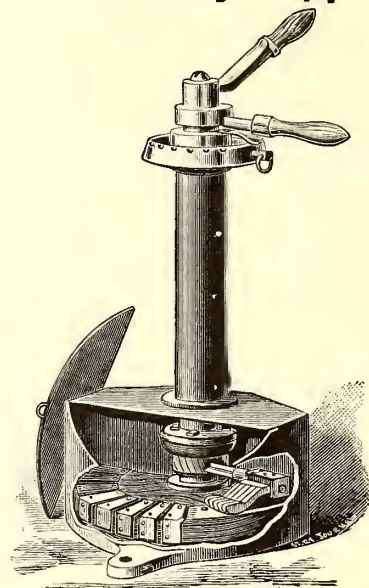
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SEE PAGE 82.

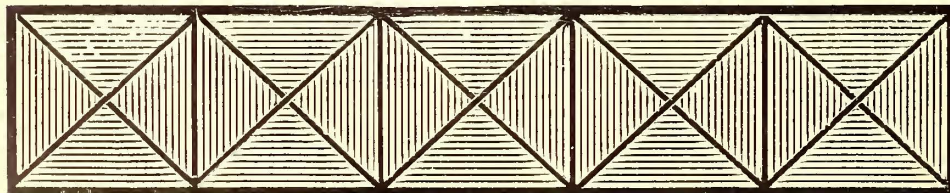
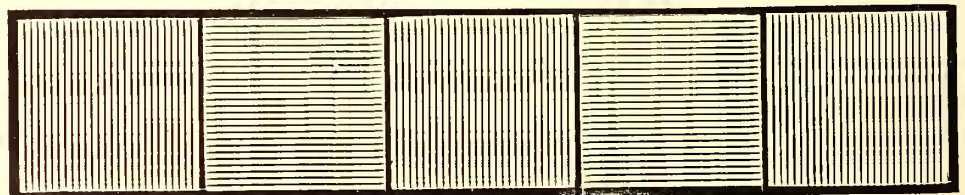
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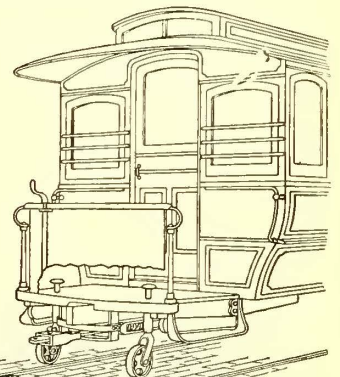
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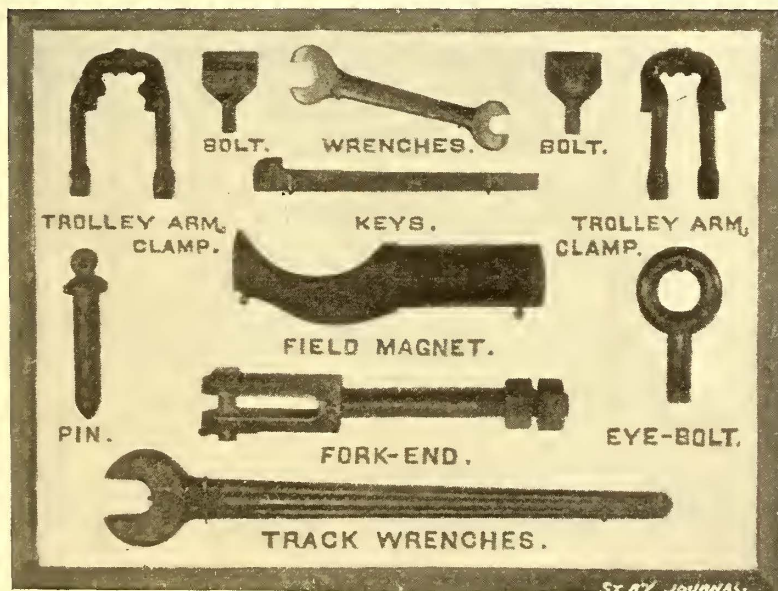
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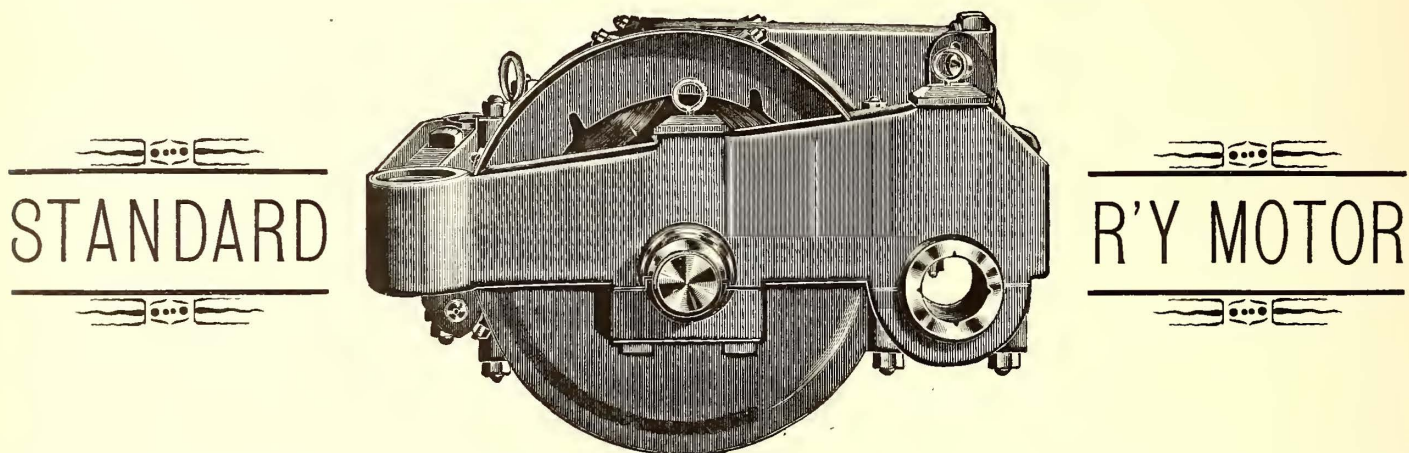
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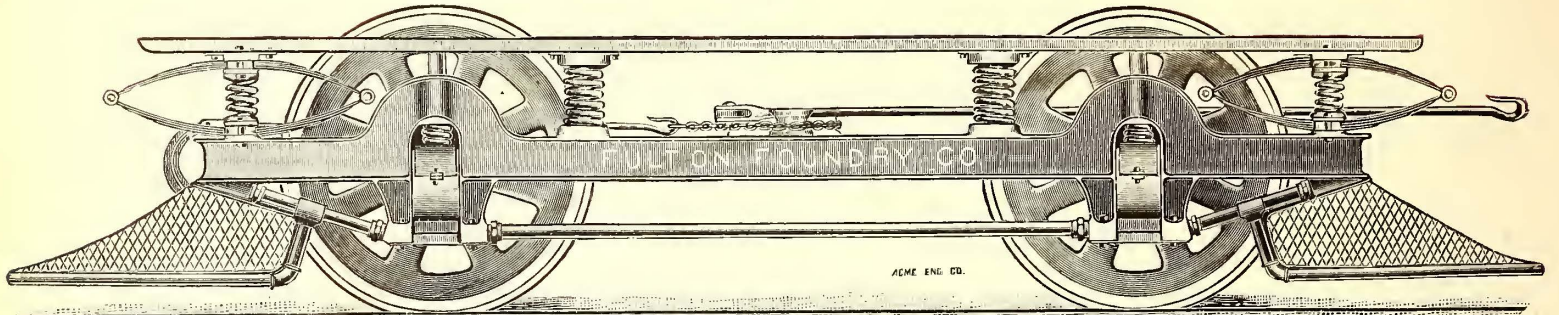
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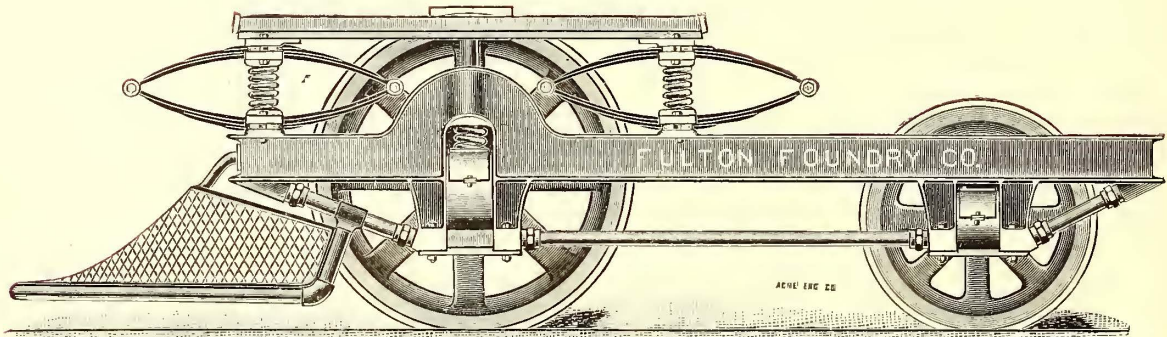
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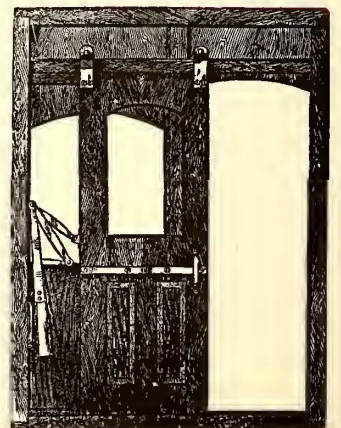
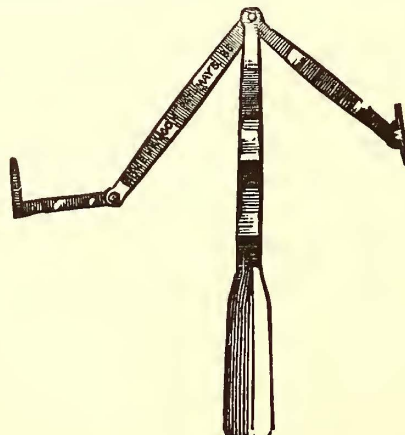
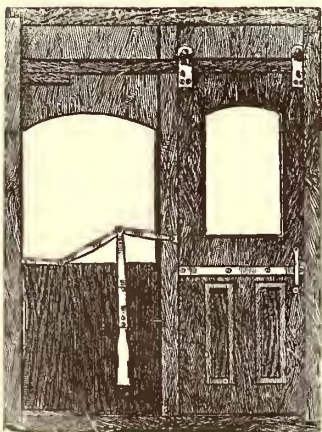


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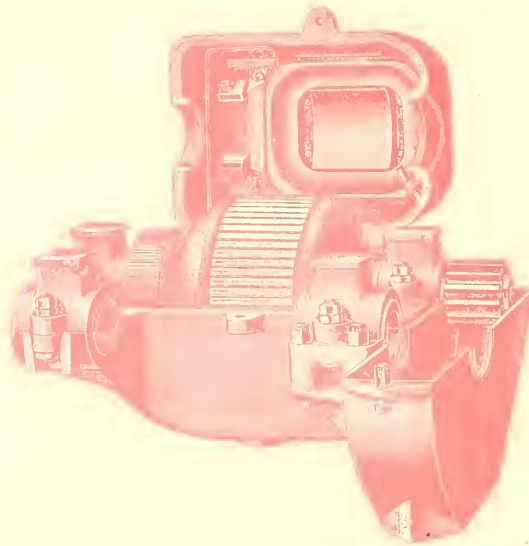
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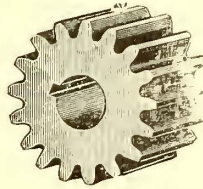
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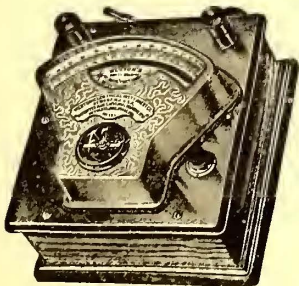
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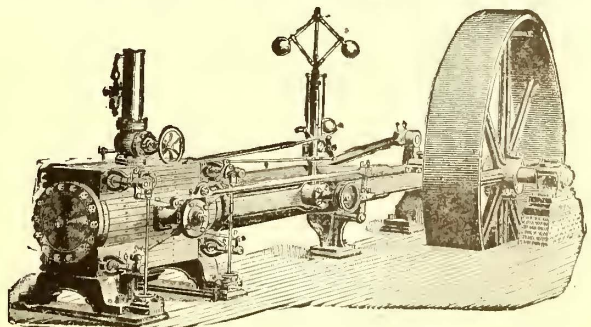
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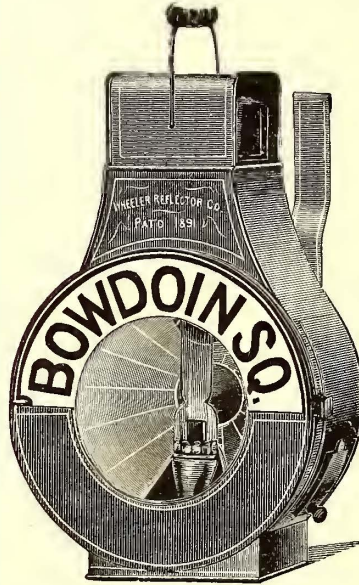
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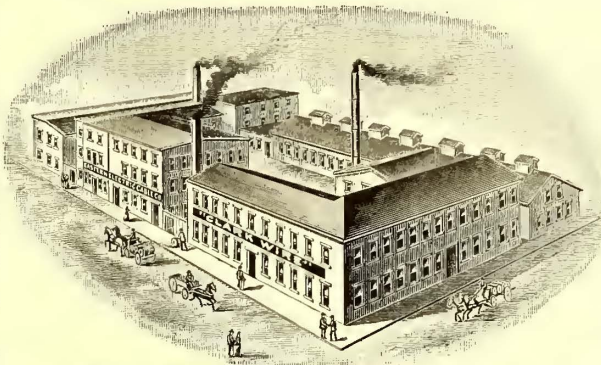
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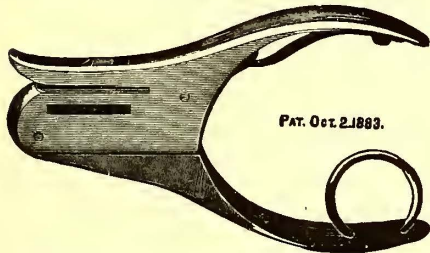
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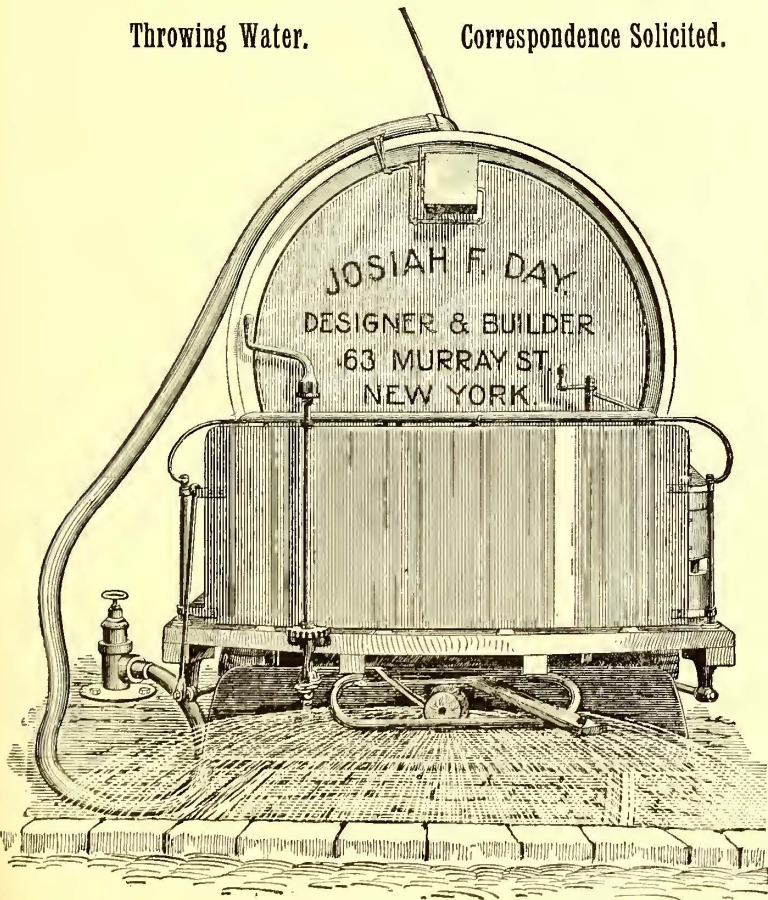
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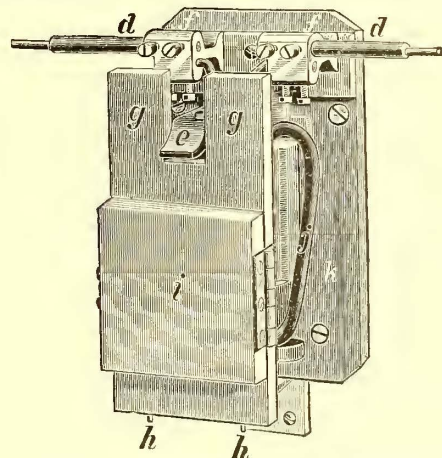
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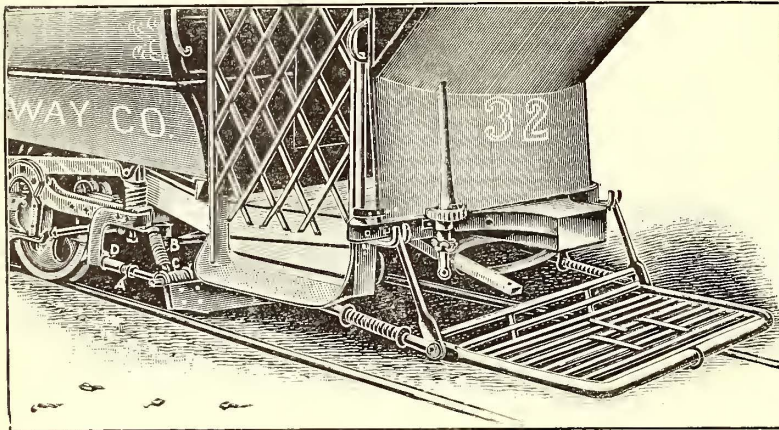
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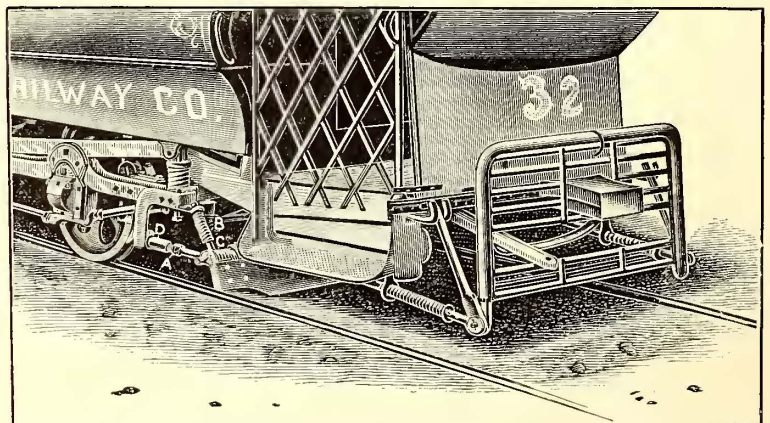
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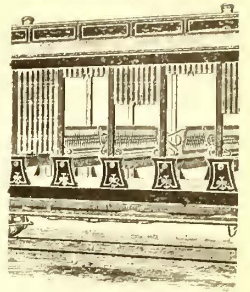
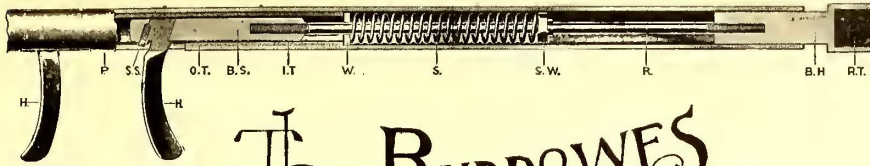
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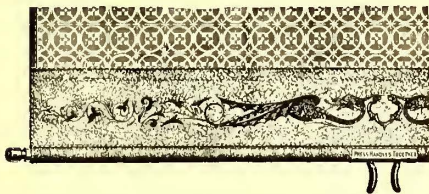
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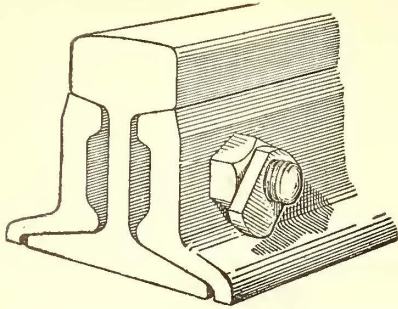
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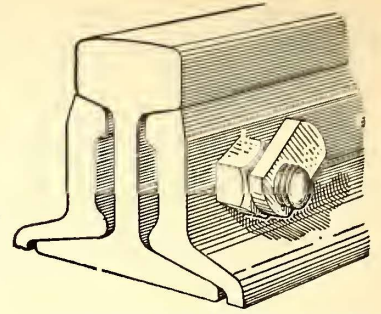
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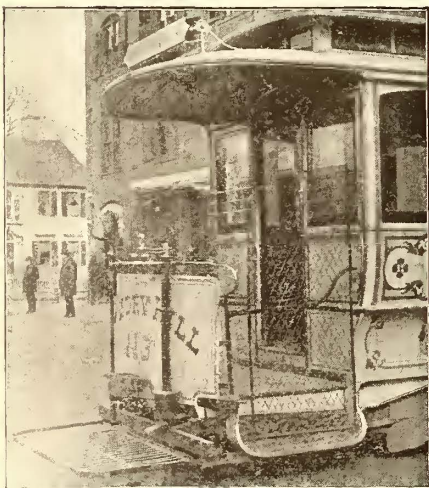
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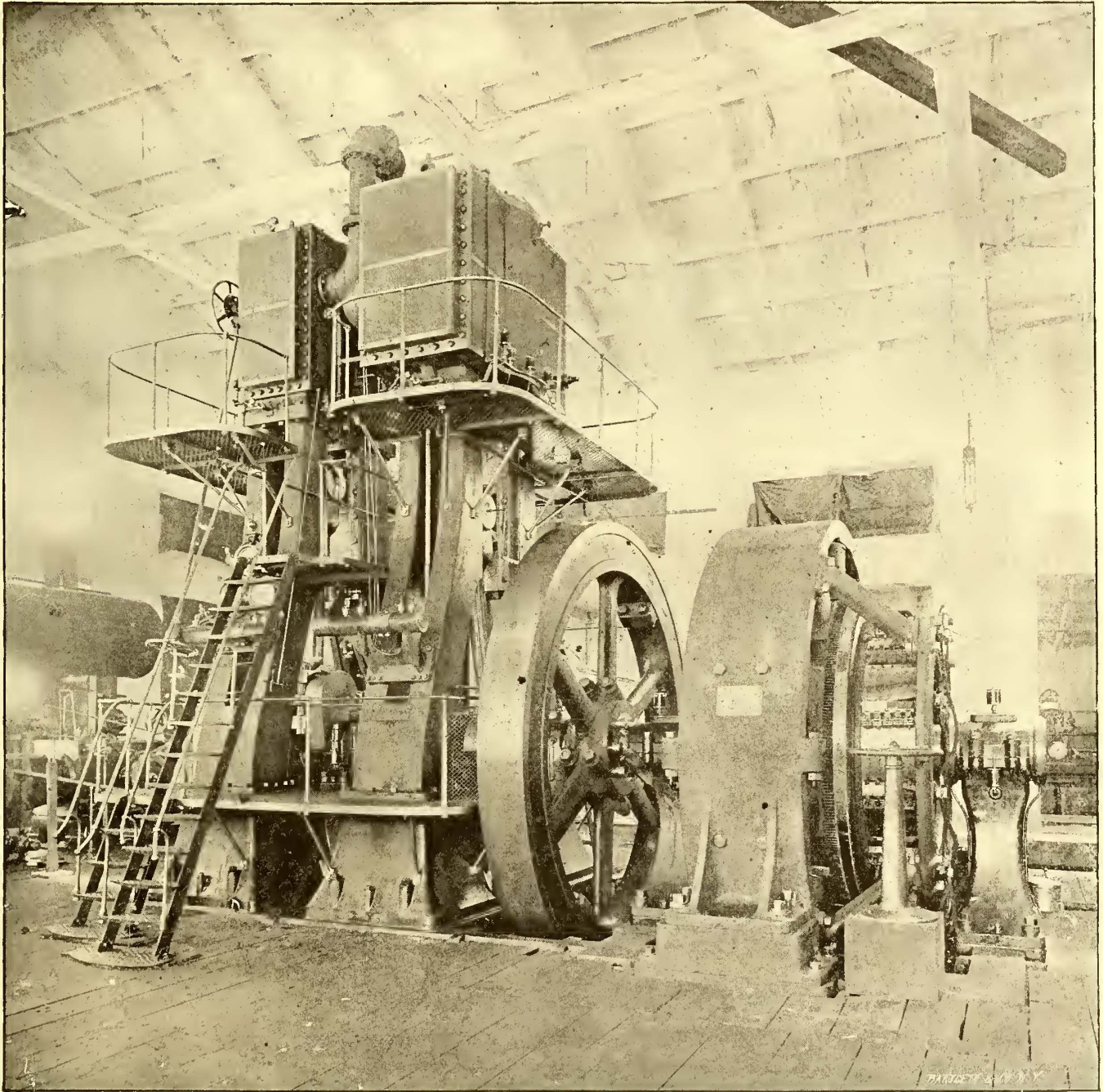
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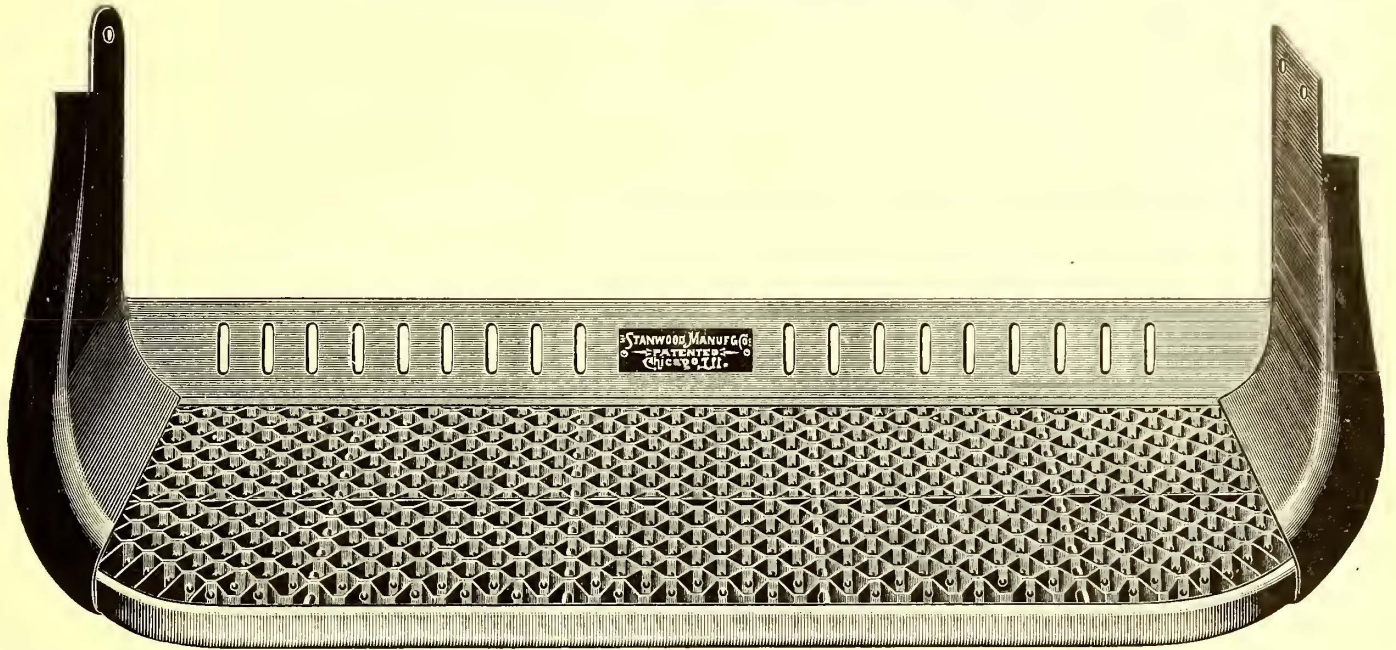
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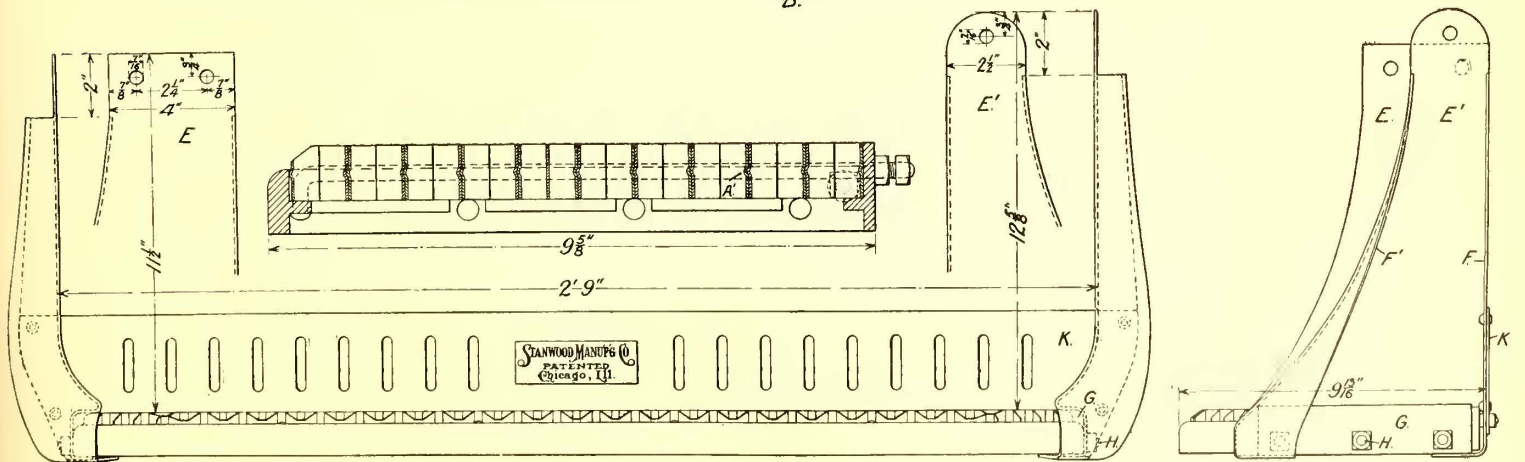
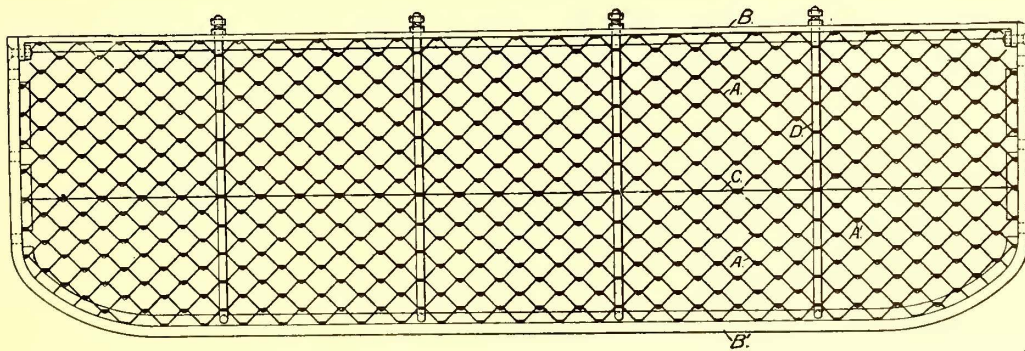
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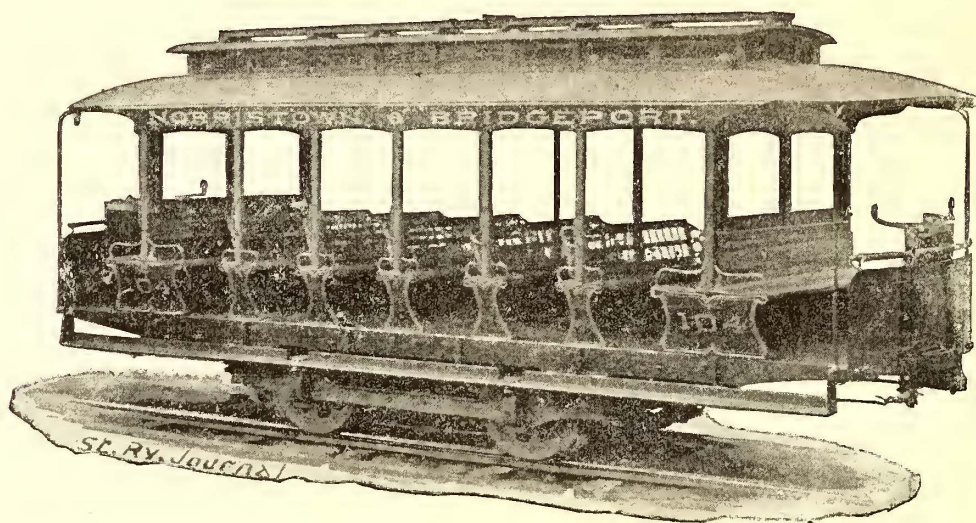
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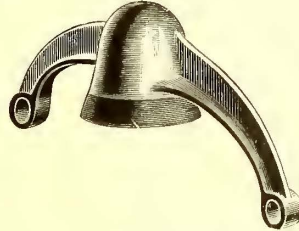
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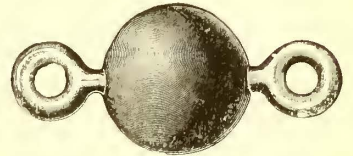
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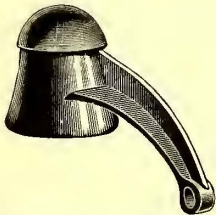


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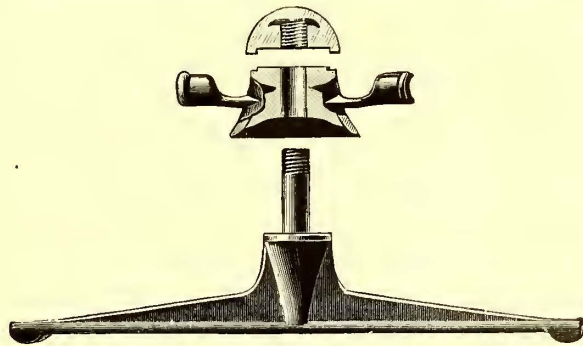


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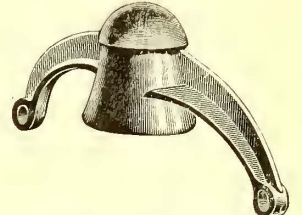
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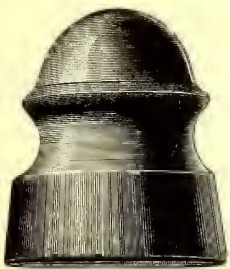


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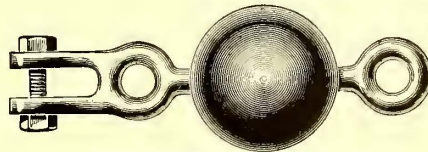
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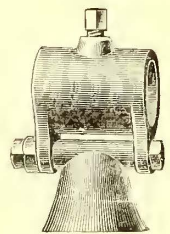
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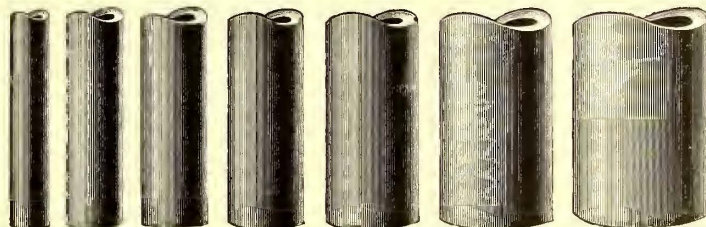
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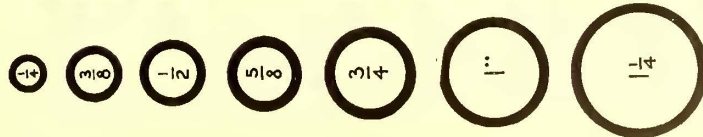
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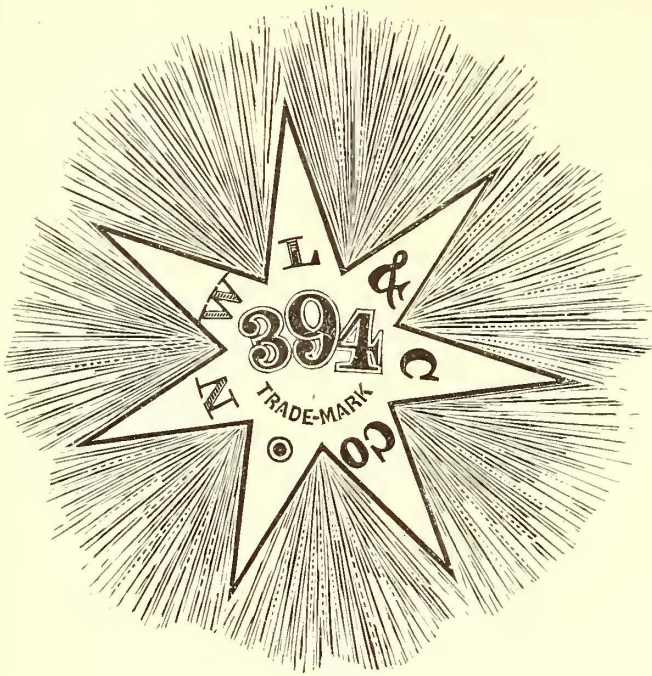


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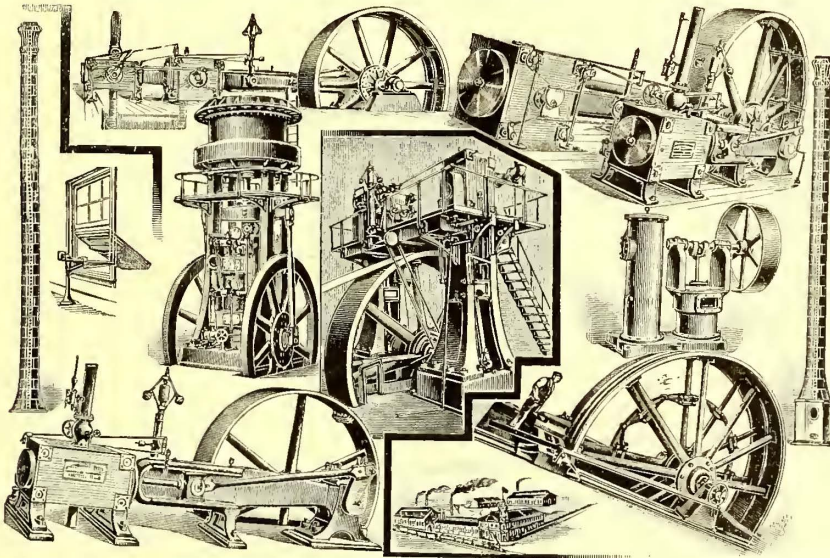
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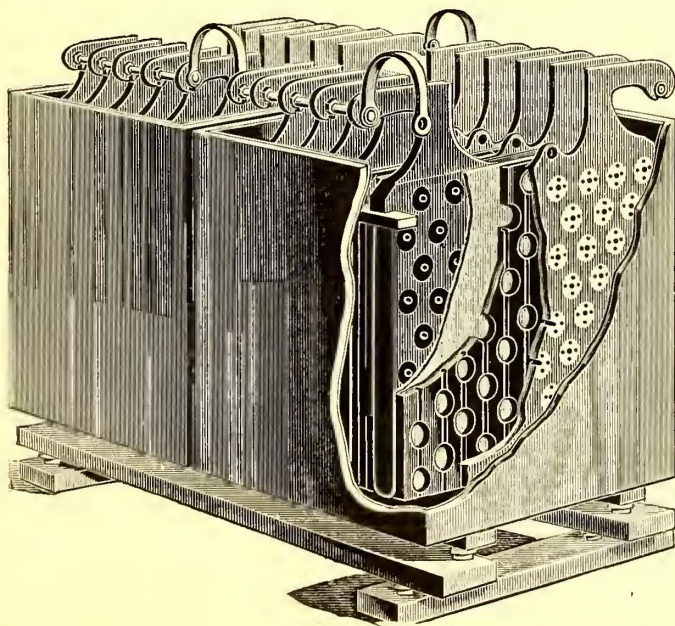


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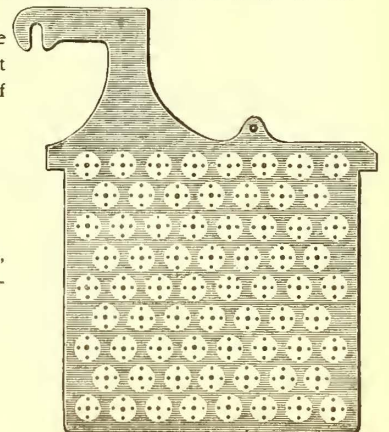
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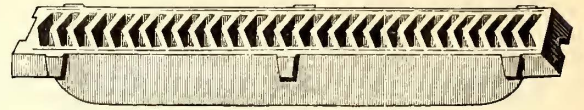
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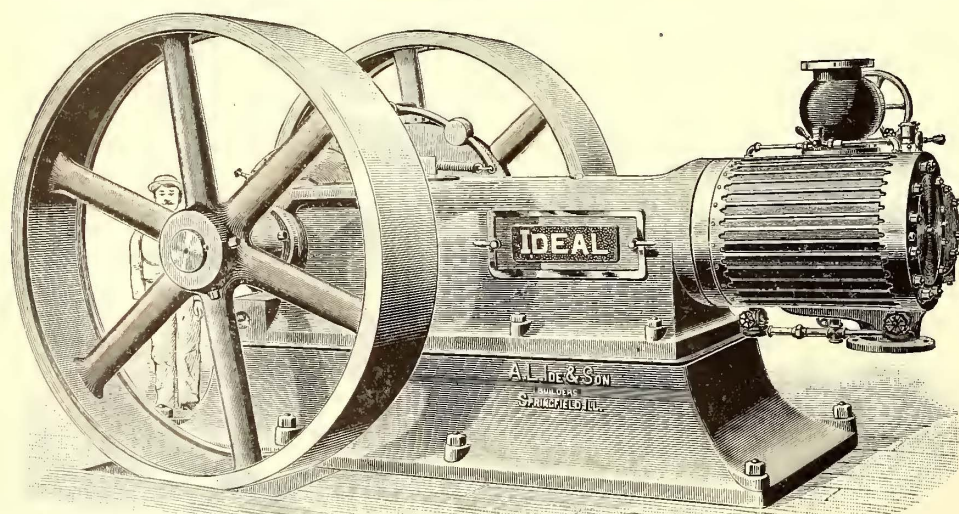
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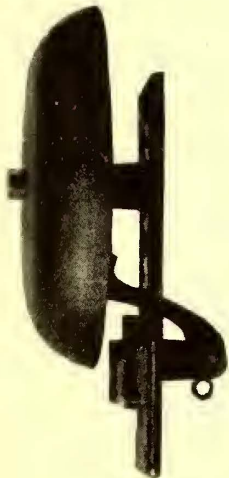
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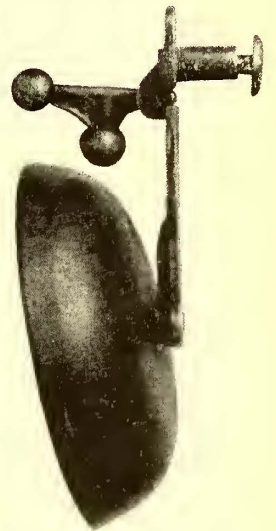
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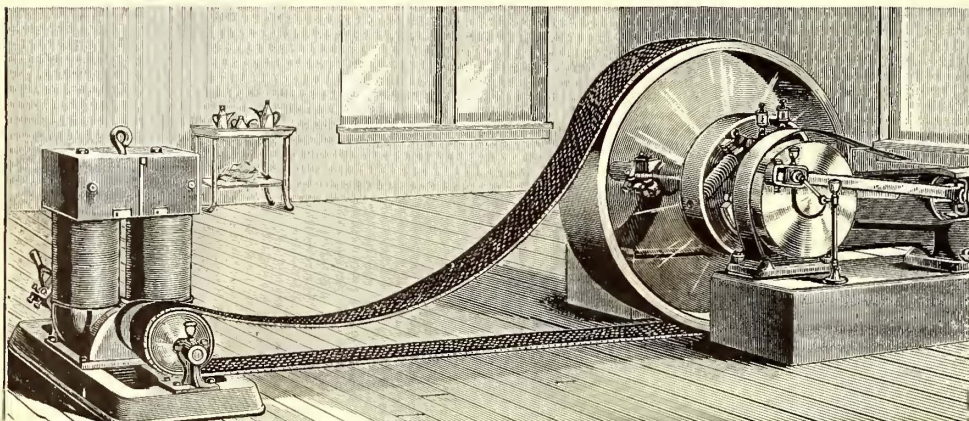
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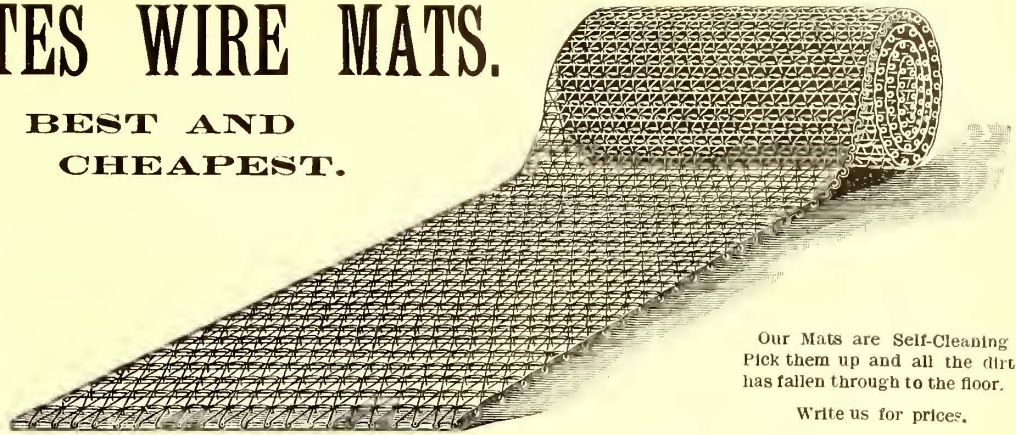
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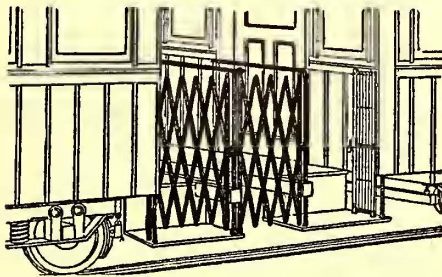
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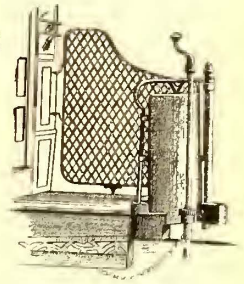
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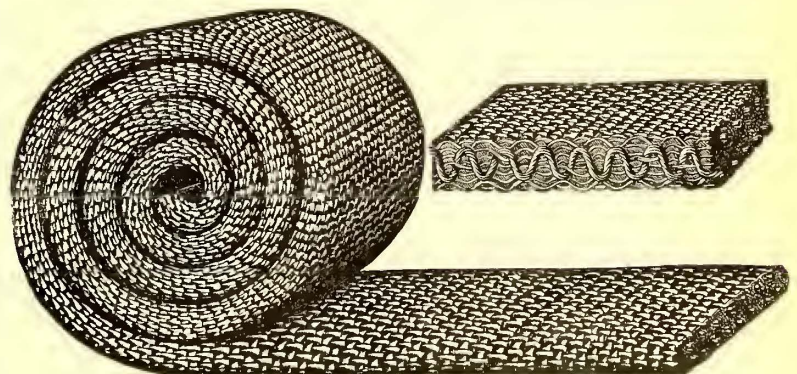
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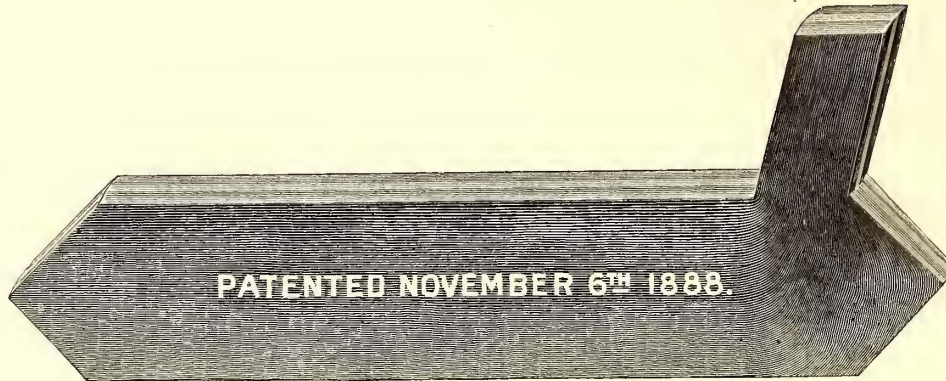
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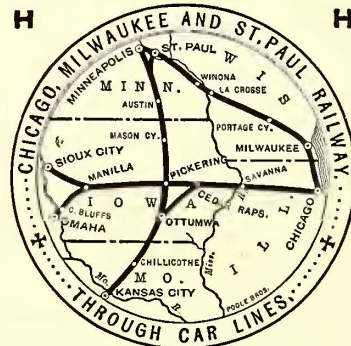
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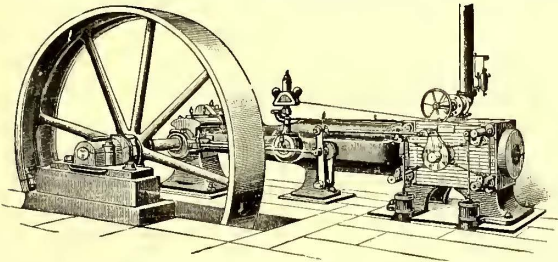
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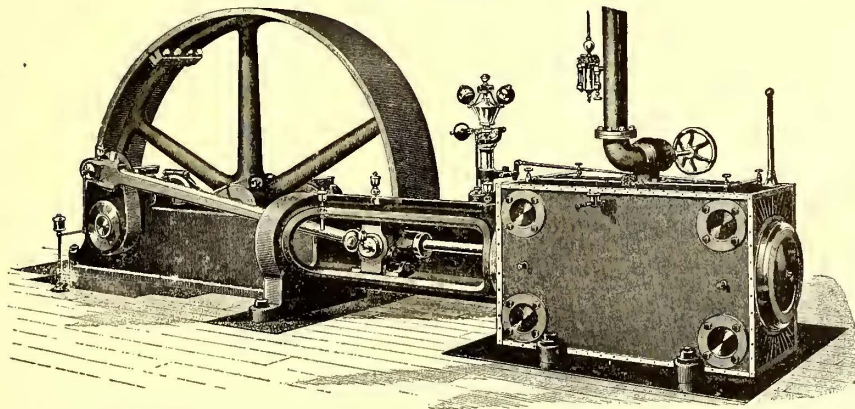
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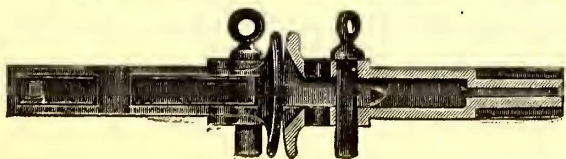
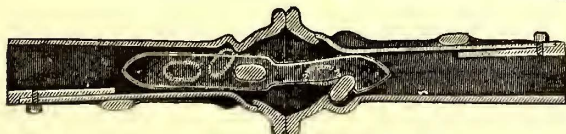
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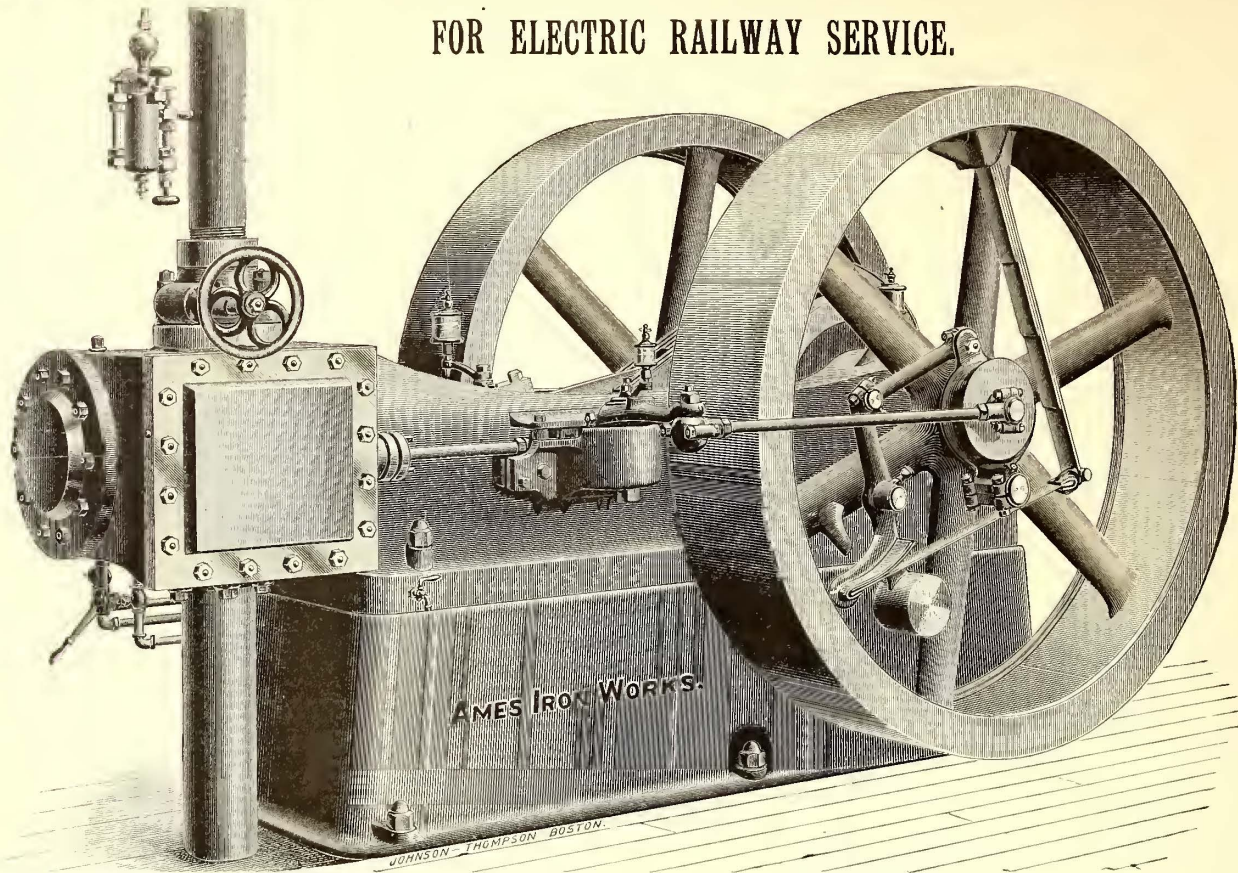
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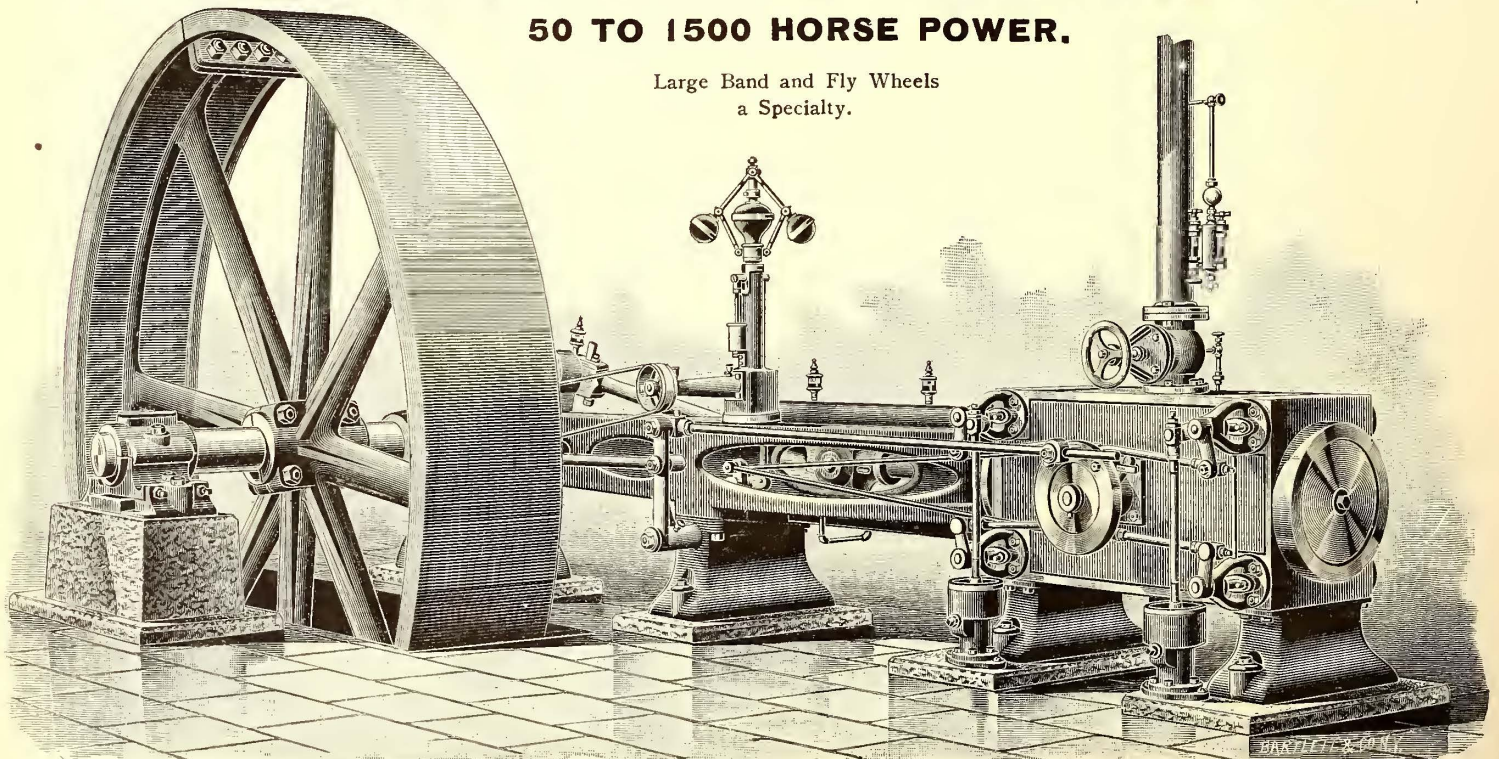
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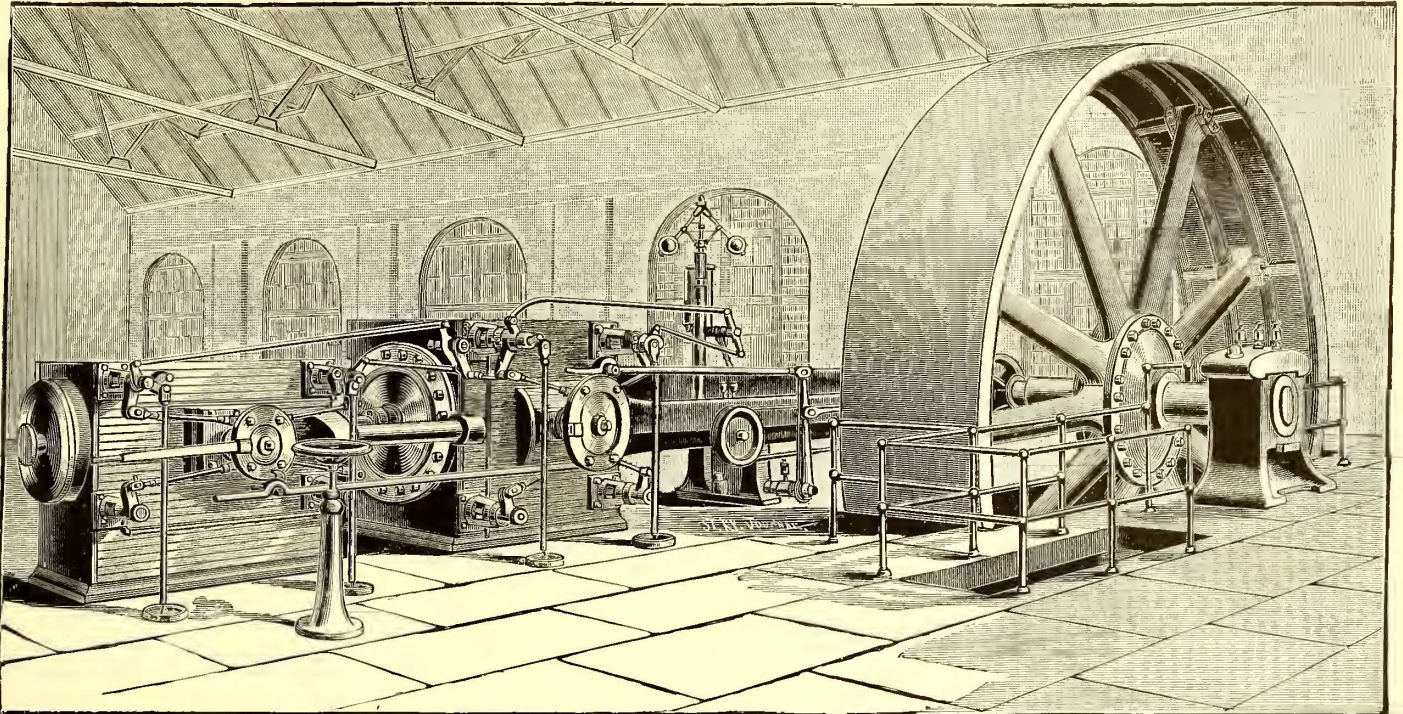
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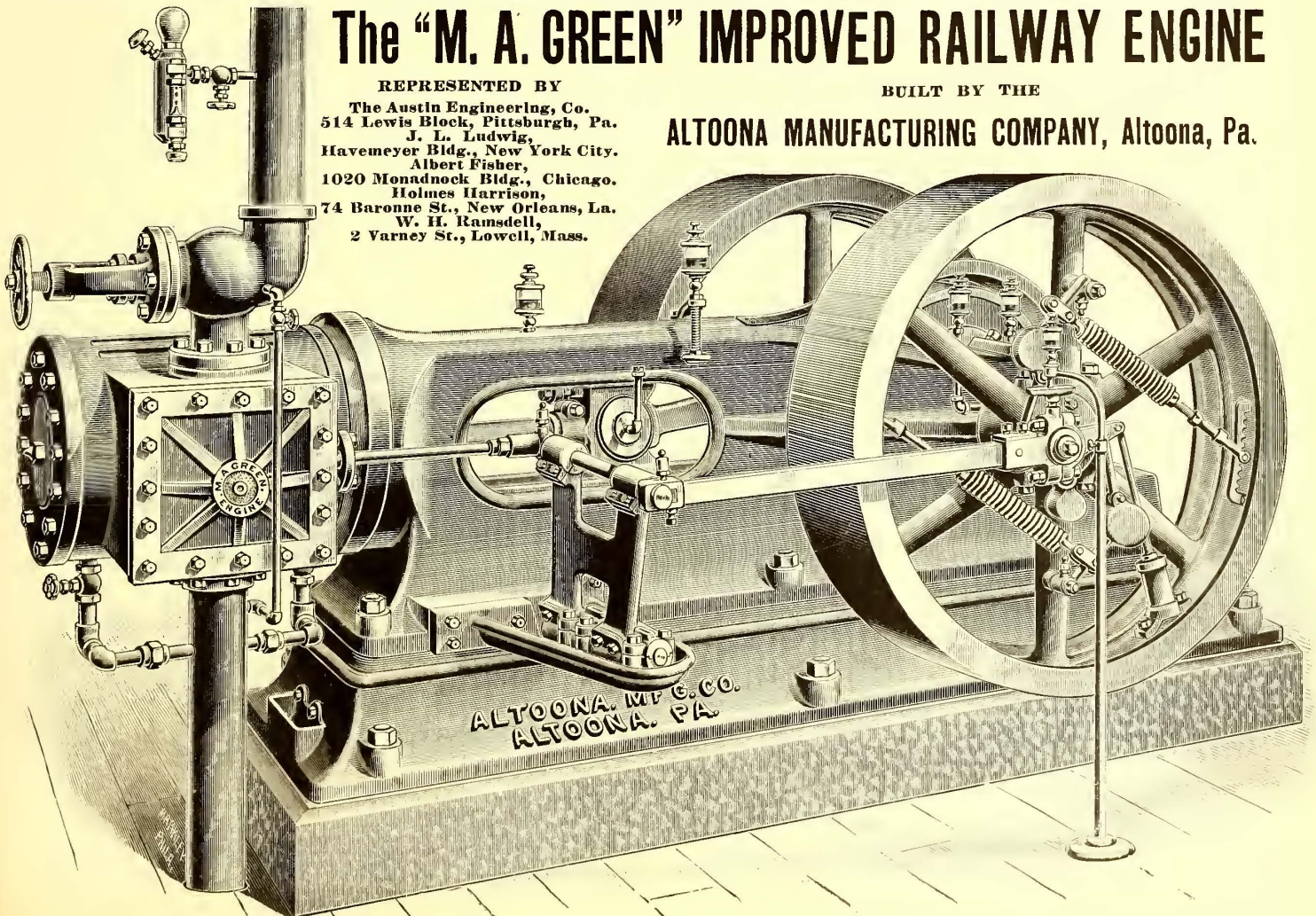
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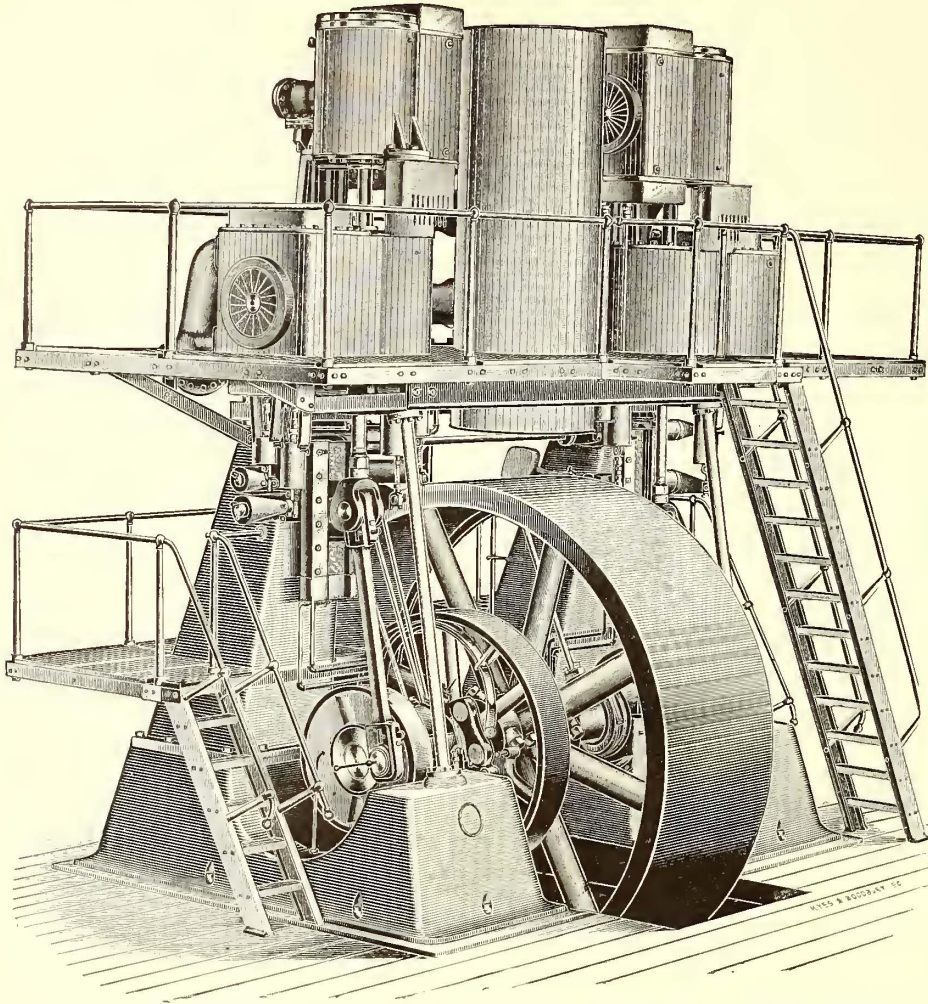
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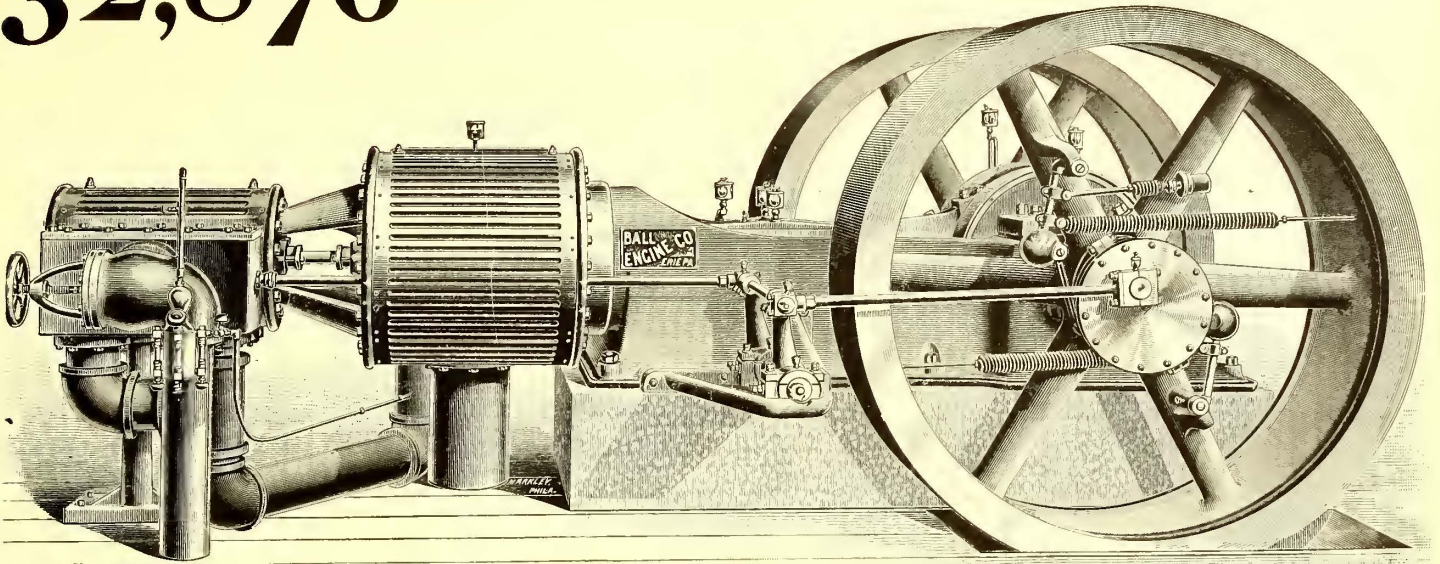
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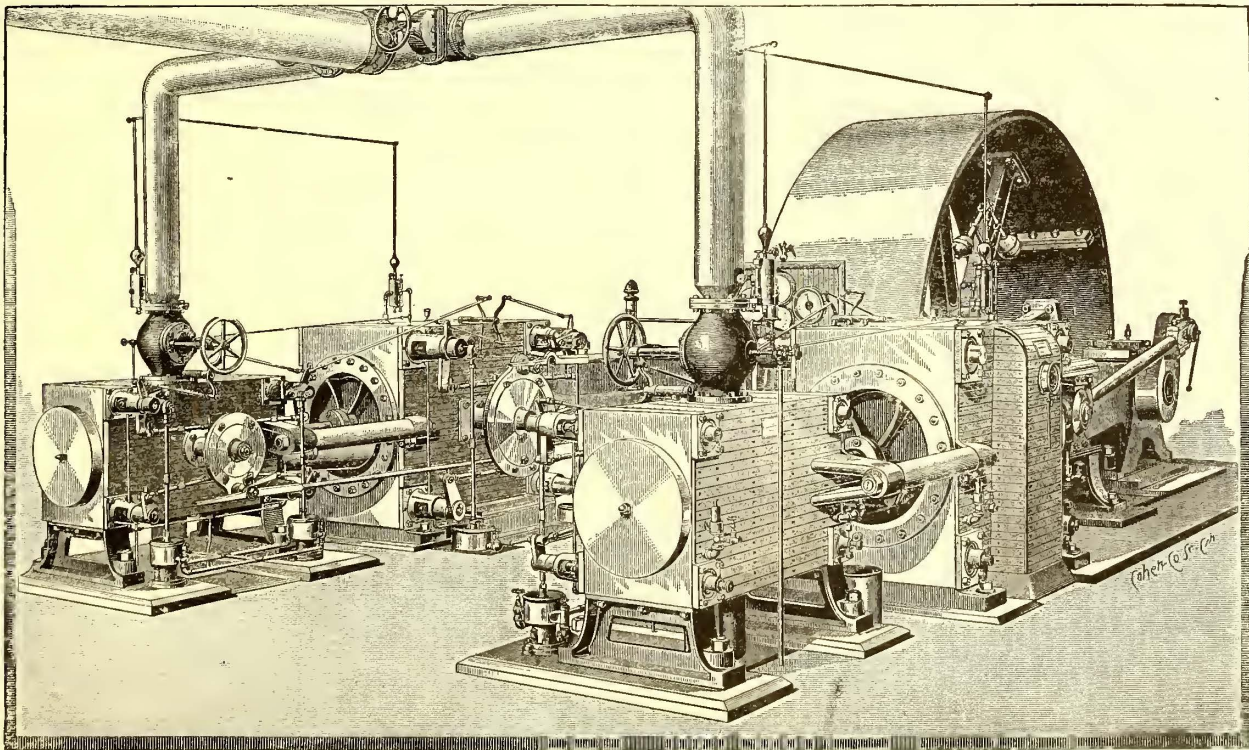
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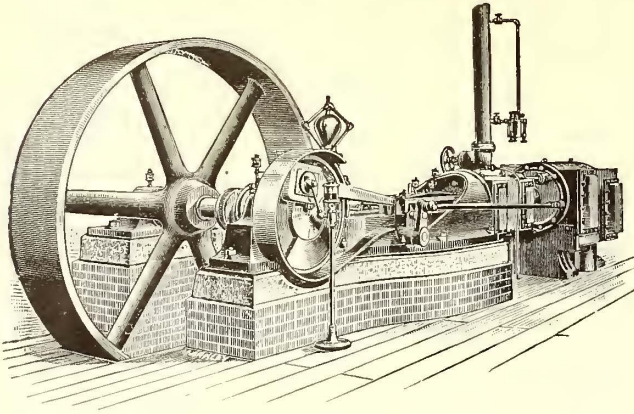
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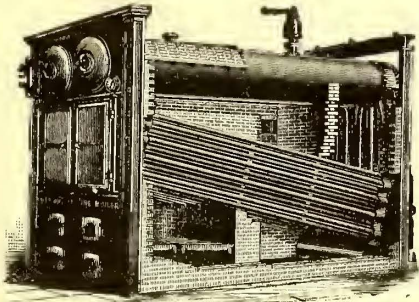
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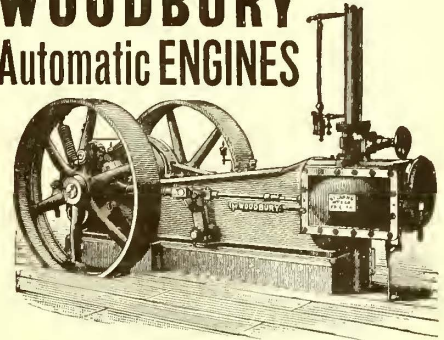


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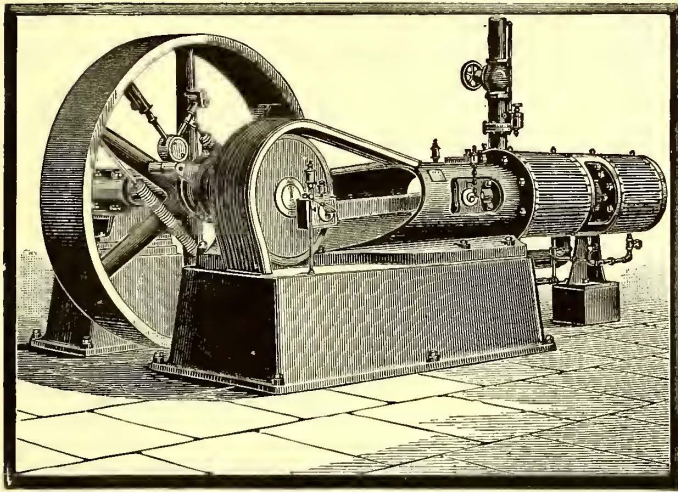
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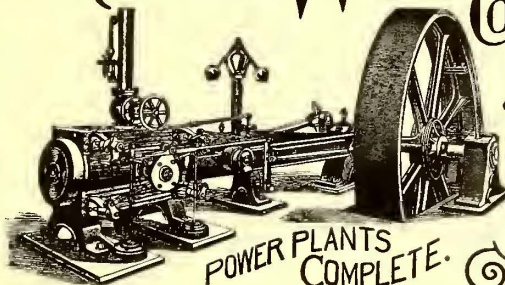


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Our Electric Lighting Engines are sold on a guarantee to equal any engine in use for Uniform Speed under Varying Loads.

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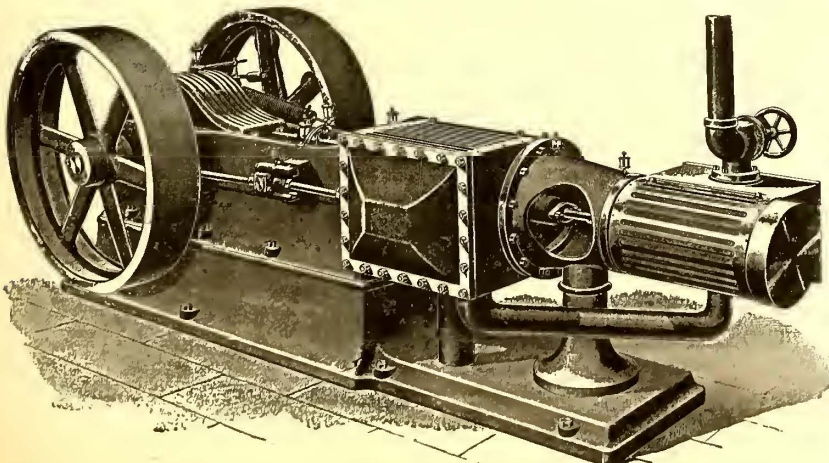
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POWER PLANTS COMPLETE.

CONSTRUCTING
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 HIGH PRESSURE CONDENSING
 AND COMPOUND
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BOILERS.
 CHESTER, PENNA.

J. H. McEwen Mfg. Co., BUILDERS OF High Grade Automatic Engines.



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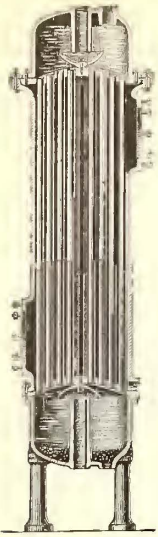
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OUR GUARANTEE.

The engine shall not run one revolution slower when fully loaded than when running empty, and a reduction of boiler pressure from the greatest to that necessary to do the work will not reduce the speed of engine one revolution. Any engine failing to meet this guarantee becomes the property of the purchaser upon payment of one dollar.

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Branch Offices: { New York. Chicago, Ill.
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THE GOUBERT FEED-WATER HEATER,

Specially adapted to
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largest CABLE and ELECTRIC
RAILWAY PLANTS in
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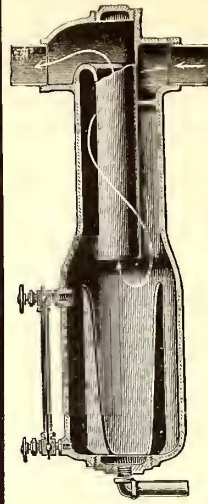
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Meets the requirements of
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Great Durability.

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A BREAKDOWN OF YOUR ENGINE

Means the stoppage of traffic on the entire line.
NINE-TENTHS OF THE BREAKDOWNS
are due to Water in the Cylinder.

The Stratton Separator

Removes all Water in the Steam
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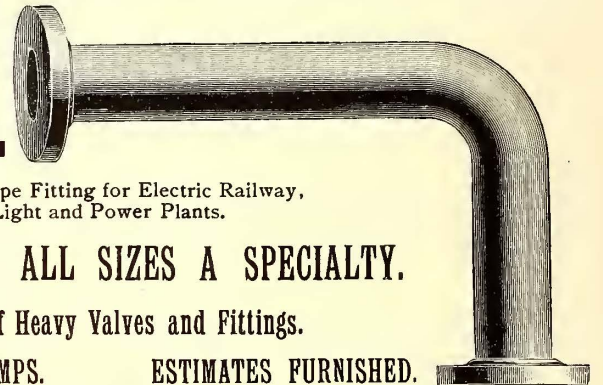
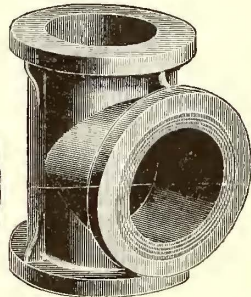
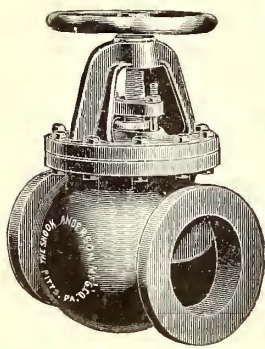
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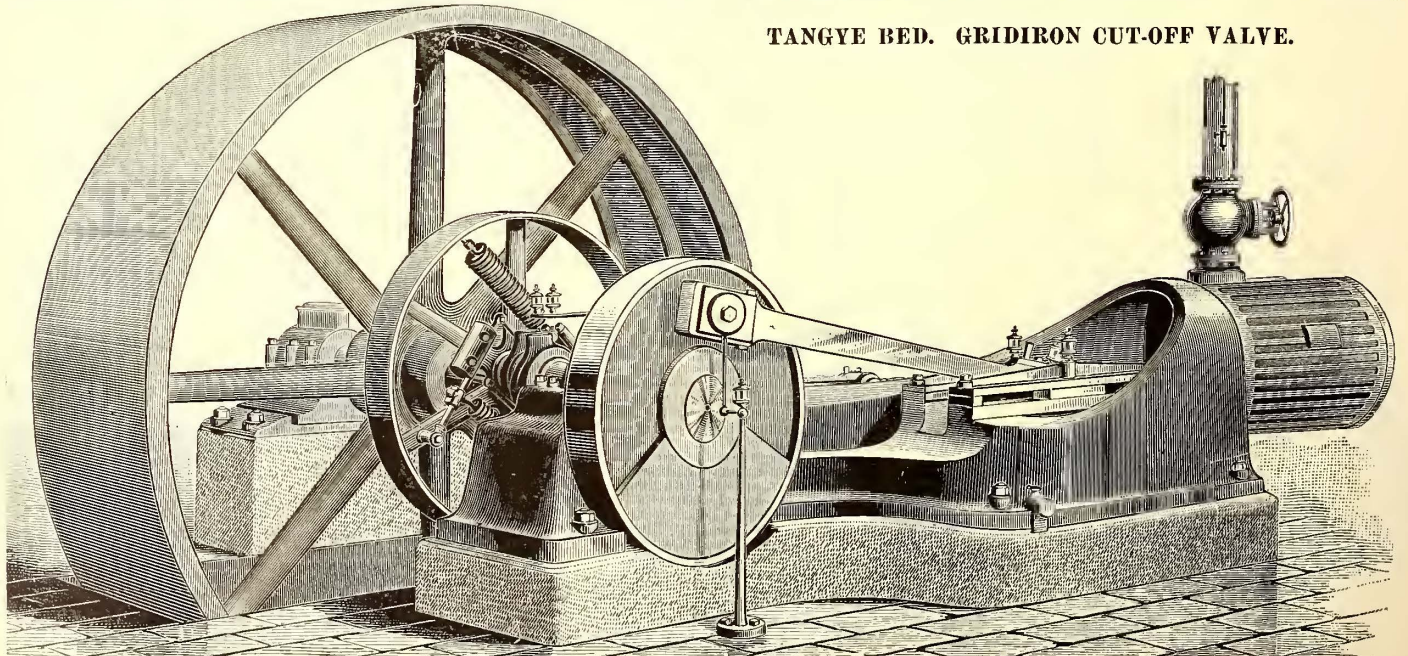
10 to
1,000 H. P.

THE "BELMONT" AUTOMATIC ENGINE.

HIGHEST KNOWN ECONOMY. ABSOLUTE REGULATION—BY POINT OF CUT-OFF ONLY.

ESPECIALLY ADAPTED TO ELECTRIC RAILWAY USE.

TANGYE BED. GRIDIRON CUT-OFF VALVE.



SIDE AND CENTER CRANKS. TANDEM, SIMPLE AND COMPOUND.

CLARK BROS., Belmont, N. Y.

121 LIBERTY STREET, NEW YORK.

THE BRIGHTMAN MECHANICAL STOKER

And Smoke Preventing furnace for Steam Boilers is more Economical in Fuel and Labor than any other Boiler Furnace in use. Over 300,000 H. P. now in operation.

KOAL IS KING!

A dollar saved in fuel is a dollar added to dividend account. We guarantee fuel economy and smoke-prevention over any other boiler furnace.
Send for our free illustrated descriptive pamphlet.

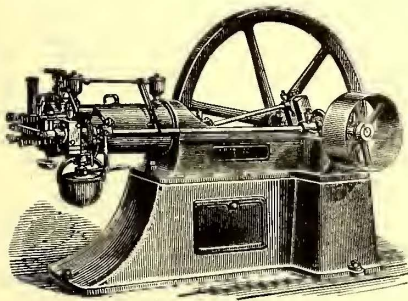
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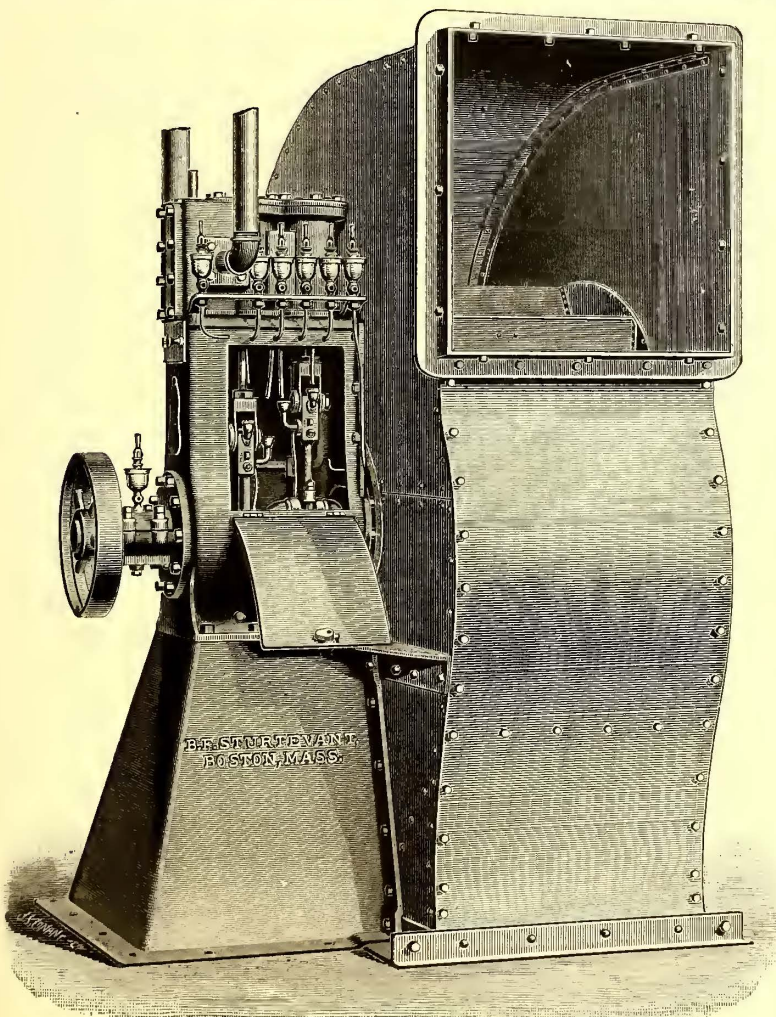


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BEST POWER FOR USE IN STREET CAR STABLES.—Running Elevators, Cutting Fodder, Etc.

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DOUBLE ENCLOSED ENGINE,
CYLINDERS ABOVE THE SHAFT.

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IMPROVED TRAVELING CRANES FOR POWER STATIONS, Machine Shops, Erecting Shops, Foundries, etc., to lift any required load and of dimensions to suit any building. Can be driven by Electric Motors, by Square Shaft, by Rope or by Hand Power, as may be preferred.

(See 30-ton Electric Traveling Crane, 134 feet clear span, in power station of Third Ave. R. R., Third Ave., New York City; also 10-ton Hand Power Traveling Crane, 80 feet span, in power station of the Philadelphia Traction Co., at 33d and Market Sts., and 10-ton Hand Power Traveling Crane, 98 feet span, in power station of the Philadelphia Traction Co., at 13th and Mt. Vernon Sts., Philadelphia, Pa.)

SHAFTING, PULLEYS, HANGERS, COUPLINGS, ETC., For transmitting power. Particular attention given to **SPECIAL DRIVES FOR DYNAMO PLANTS** and other work requiring accuracy, high efficiency and durability.

TURNTABLES FOR STREET CARS, Locomotives, etc., of improved form, very easy to turn and exceedingly durable.

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WHO HAVE

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Rochester (N. Y.) Railway Co.....	1000	H. P.
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Topeka (Kans.) Railway Co.....	500	"
Kansas City (Mo.) Cable Railway Co.....	800	"
City Electric Railway Co., Little Rock, Ark.....	750	"
Rapid Transit Street Ry., San Antonio, Tex....	250	"
San Antonio Street Ry. Co., San Antonio, Tex..	250	"
Houston (Tex.) City Railway Co.....	200	"

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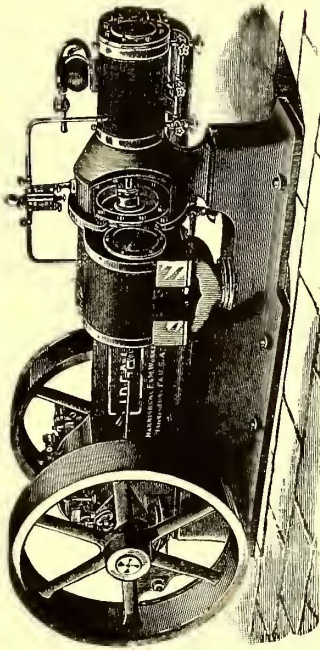


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Automatic Lubrication. Superior Regulation. Perfect Equilibrium in Action. Highest Economy.

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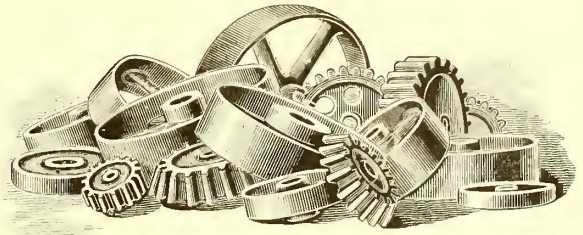
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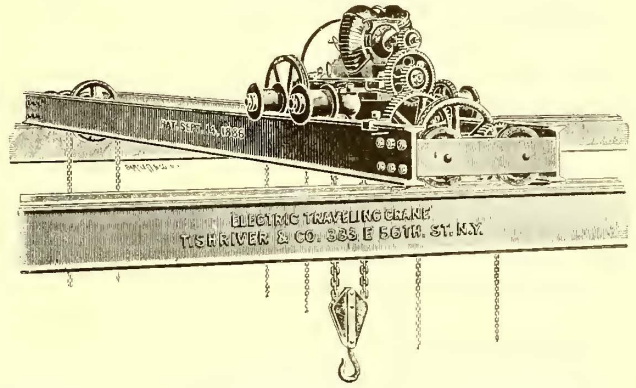


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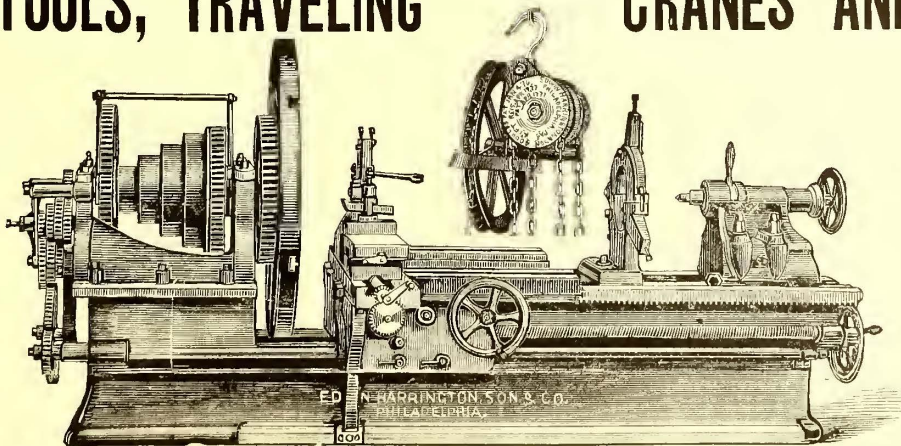
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PATENTS APPLIED FOR ON TRAVELING CRANE.

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LIST OF

BABCOCK AND WILCOX

BOILERS

In use on Electric and Cable Railroads, Nov. 1, 1893.

	H. P.		H. P.		
West End Ry. Co., Boston.....	4 orders, '89-'92....	9,500	Market Street Elec. Ry. Co., San Francisco, Cal.....	3 orders.....	2,208
The Albany Ry. Albany, N. Y.....	3 orders, '89-'92....	1,000	Cincinnati, Newport & Covington Ry. Newport, Ky.....		600
The Crosstown St. Ry. Co., Buffalo, N. Y. 3 orders, '90-'93....	4,500	Union Ry. Co., Providence, R. I.....	December, 1892....	1,500	
Cincinnati St. Ry. Co., Cincinnati, O.....	5 orders, '90-'93....	3,300	Atlantic Improvement Co., Long Island City, N. Y.....	February, 1893....	1,000
Pittsburgh & Birmingham Traction Co., Pittsburgh, Pa.....	July, 1890....	1,000	Philadelphia Traction Co., Philadelphia.....	March, 1893....	6,000
Columbus Elec. St. Ry. Co., Columbus, O. 4 orders.....	1,807	Camden, Gloucester & Woodbury Elec. Co., Gloucester, N. J.....		750	
Aurora St. Ry. Co., Aurora, Ill.....	2 orders, '90-'92....	832	Union Depot Ry. Co., St. Louis, Mo.....		1,000
People's St. Ry. Co., St. Joseph, Mo.....	2 orders, '89-'93....	1,040	Haverhill & Groveland St. Ry. Co., Haverhill, Mass.....	1892....	630
Duluth St. Ry. Co., Duluth, Minn.....	4 orders, '90-'93....	1,312	Columbus Elec. Ry. Co., Columbus, O.....	1890....	692
Brooklyn City Ry. Co., Brooklyn, N. Y. 6 orders, '91-'93....	16,500	808	New York & Brooklyn Bridge, Brooklyn... 3 orders, '82-'91....	1,248	
Rochester St. Ry. Co., Rochester, N. Y. 2 orders, '91-'92....	896	600	Washington & Georgetown R. R., Washington, D. C.....	4 orders.....	1,923
Merrimae Valley R. R. Co., Lawrence, Mass.....	3 orders, '91-'93....	896	Cleveland City Cable Ry. Co., Cleveland, O.....	March, 1890....	1,086
Citizens' Ry. Co., Indianapolis, Ind.....	August, 1891....	600	Valley City St. & Cable Ry. Co., Grand Rapids, Mich.....		781
Union R. R. Co., New York.....	2 orders, '91-'92....	1,500	Chicago City R. R. Co., Chicago, Ill.....	April, 1881....	1,000
Lynn & Boston R. R., Boston, Mass.....	3 orders, '91-'92....	4,000	Grand Ave R. R. Co., Kansas City, Mo.....	2 orders, '86-'88....	800
Globe St. Ry. Co., Fall River, Mass.....	February, 1892....	675	Metropolitan St. Ry. Co., Kansas City, Mo. 3 orders, '86-'88....	1,800	
Houston City Ry. Co., Houston, Tex.....	2 orders, '90-'92....	492	Denver City Cable Ry. Co., Denver, Colo. 2 orders, '89-'91....	1,600	
City & Suburban Ry. Co., Savannah, Ga.....	March, 1892....	500	The Melbourne Tramways, Melbourne, Australia.....	1884-1885....	1,040
Senshore Elec. Ry., Asbury Park, N. J.....	May, 1892....	640	And Others.		
Atlantic Ave. Ry. Co., Brooklyn, N. Y. 3 orders, '92-'93....	3,000	624			
Carrollton Elec. Ry. Co., New Orleans, La.....	May, 1892....	624			
Intramural Elec. Ry. Co., World's Fair.....	1892-1893....	3,500			

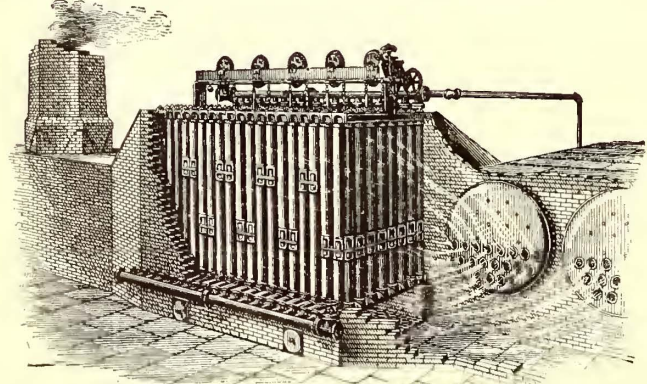
THE FUEL ECONOMIZER CO.

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SOLE MAKERS IN THE UNITED STATES OF

GREEN'S IMPROVED PATENT FUEL ECONOMIZER

FOR STEAM BOILERS.



This Apparatus Heats the Feed Water to a Temperature very much Above Boiling Point by the Waste Gases Escaping from Boiler Flues, Thereby Effecting a

GREAT SAVING IN COAL.

Can be Applied to any Type of Boiler without Stoppage of Works.

Head Office and Works, - - - - MATTEAWAN, N. Y.

Original inventors and patentees, E. Green & Son, Ltd., 2 Exchange St., Manchester, England.

MEDAL AWARDED AT THE COLUMBIAN EXPOSITION.

JULIUS JONSON, President.

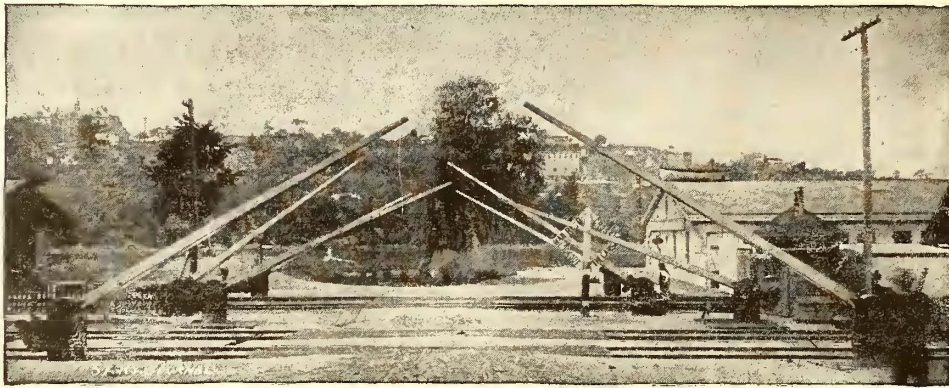
ALLSTON GERRY, Treasurer.

JONSON ENGINEERING & FOUNDRY CO.

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GENERAL CONTRACTORS, ENGINEERS and BUILDERS of CABLE, ELECTRIC and HORSE RAILROADS.

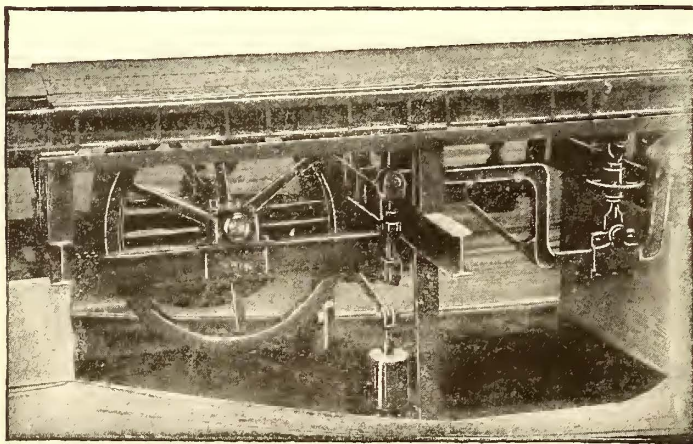
JONSON'S IMPROVED RAILWAY CROSSING GATES. (Flagg's Patent.)



Jonson's improvements render these the simplest, most effective and cheapest gate in the market.

When properly erected and ordinary care bestowed on them they never get out of order nor freeze in coldest weather.

Cut shows 2 four-post gates at crossing over N. Y. & Northern and N. Y. Central & Hudson River R. R., in New York City.

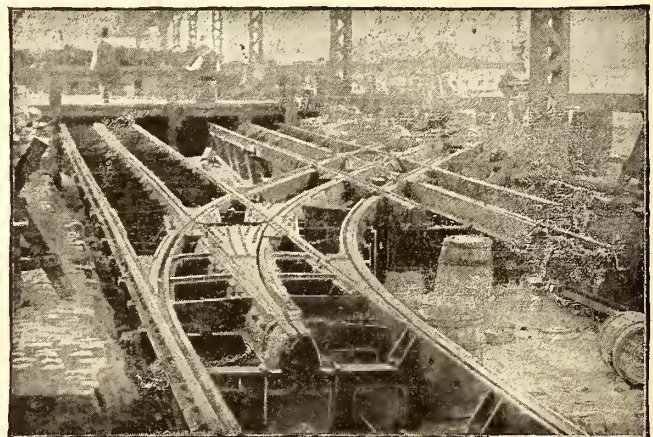


Pivotal Elevating Mechanism at 125th St. and Third Ave., N. Y.

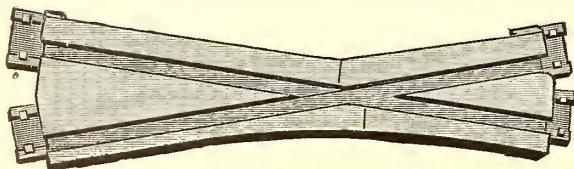
At 138th St. crossing of the N. Y. Central R. R. in N. Y. City, is a gate made and erected by us 7 years ago. This gate is raised and lowered nearly ever minute in the day, yet it has never been out of order in that time nor cost anything for repairs.

WE BUILT COMPLETE, READY FOR OPERATION, THE CABLE ROAD THROUGH 125th STREET, FROM RIVER TO RIVER, IN NEW YORK CITY.

We also built a portion of the Special Crossing and Vault work, both track and machinery, for the Third Avenue Cable Road, now under construction.



Cable Railway Cross-over, Third Avenue and Bowery, near Cooper Institute, New York.



RAILROAD SWITCH, FROG AND TRACK WORK. CURVE RAILS, RAIL BENDING MACHINERY, TURN TABLES, TRANSFER TABLES. IRON AND BRASS CASTINGS OF ANY PATTERN IN LOAM, DRY AND GREEN SAND.

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BUILDERS OF

STREET RAILWAY CARS,

MANUFACTURERS OF

CASTINGS AND SUPPLIES OF EVERY DESCRIPTION
FOR STREET RAILWAYS,

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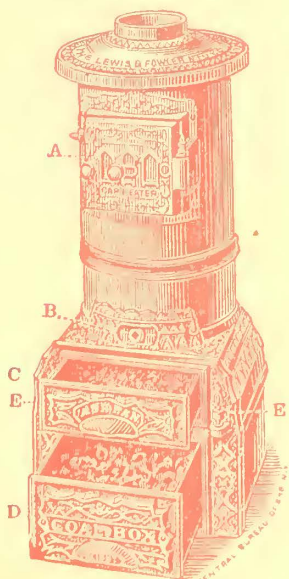
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PATENT IMPROVED

STOVE BOX AND STREET CAR HEATER

OUR IMPROVED CAR HEATER

Comprises the following features: **Stove, ash-pan and coal box**, combined, without which it would be necessary to have a coal hod, or cut the seat out on opposite side of car for a coal box

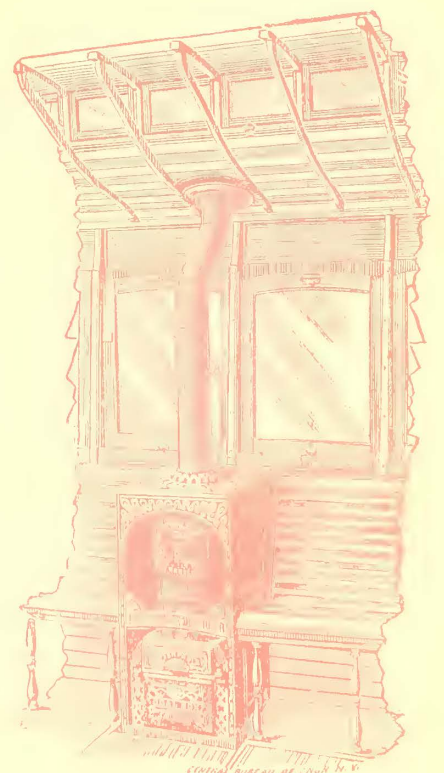


We have made this point a study, and feel confident Railway Managers will appreciate our improvements in Street Car Heaters — embracing both Heater and Coal Box in one.

If you think favorably of Heating your cars this Winter, or would like to purchase something New in Car Heaters, we would be pleased to send you prices, &c.

Cost of operating this Heater about eight cents per day.

The fronts and tops of stove box are composed of iron, heavily nicked, with side panels of mahog any or ash, corresponding to the trimming of cars.



Send for Circular and Prices.

— THE —

Lewis & Fowler Girder Rail Co.

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PATENTEES AND SOLE MANUFACTURERS OF

THE ONLY GIRDER RAIL CONSTRUCTION

— INSURING —

SECURE JOINTS AND PERMANENT FASTENINGS.



Presenting a Smooth Vertical Face Against which to Lay Paving.

—SUCH AS—
OUR SPECIAL WORK, Switches, Mates, Frogs, Crossings, &c.,

ARE MADE OF SAME RAIL, THUS MAKING

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 GIRDER RAILS OUR SPECIALTY. 

IMPROVED TURN TABLES. TRANSFER TABLES. AUTOMATIC SWITCHES.
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We Manufacture Every Detail in Road Bed Construction for
EVERY CLASS OF RAIL.

CONTRACT TO BUILD STREET RAILROADS.

WILL SURVEY ROUTES, MAKE PLANS AND ESTIMATES
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We guarantee our customers against all loss from suits for infringement from other parties on all materials furnished by this Company. The details of our system are fully protected by patents controlled by us, which patents we undertake to defend.

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Engineers and Contractors,

101 LEADENHALL ST., LONDON, E. C.

WORKS: BRITANNIA ENGINEERING WORKS.

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CONTRACTORS
FOR
CONSTRUCTION
AND
EQUIPMENT
OF
HORSE
TRAMWAYS,
ELECTRIC
TRAMWAYS,
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AND
CROSSINGS.
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TURNTABLES
AND
TRAVERSERS

CONTRACTORS FOR
CABLE TRAMWAYS,
STEEL GIRDER TRAMWAY RAILS,
WITH GROOVE ANY SHAPE,
From 35 lb. to 105 lb. Per Yard.
AND ALL ACCESSORIES.

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Power and Machinery for Two Cable Stations for Third Avenue Railroad Co., of New York, which will be the largest Cable Machinery ever erected.

One Cable Station for West Chicago Street Railway Co., at Desplaines and Washington St., Chicago, Ill.

One Cable Station, West Chicago Street Railroad Co., at Blue Island Ave. and 12th St., Chicago, Ill.

One Cable Station, West Chicago Street Railroad Co., at Van Buren and Jefferson Sts., Chicago, Ill.

Two Cable Stations for Broadway & Seventh Avenue R. R. Co., New York City; one to be erected at Broadway and Houston Street, and one at 51st Street and Sixth Avenue. which, when finished, will be the most complete cable power stations ever erected.

NOTICE.

We wish to advise all persons interested, that inasmuch as there has been notices printed that various people are the contractors for the material, &c., to be used in the construction of the power plants now being erected for the Broadway & Seventh Avenue Railroad Co., and the Third Avenue Railroad Co., of New York, that we, the Pennsylvania Iron Works Company, are the contractors with the above Companies, for everything contained within the power houses, with the exception of the masonry work. Our contracts cover the plants complete placed in operation, and the sub-contractors are only furnishing such material as we were obliged to have made outside our own shops, owing to the crowded condition thereof; they being responsible to us for their work—we furnishing them with drawings and specifications."

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STREET & CABLE RAILROADS.

Will Survey Routes, Make Plans and Estimates
Free of Cost to our Customers.

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Railroad Switch, Frog and Track Work.

CORRESPONDENCE SOLICITED.

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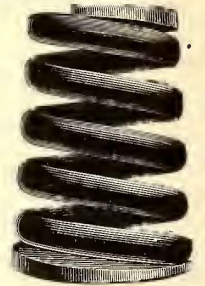
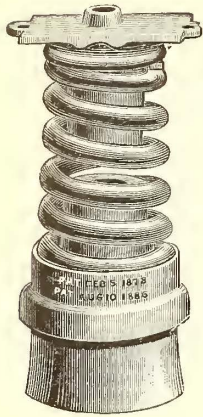
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MANUFACTURERS OF

Street Railway and Machinery Springs.

VOSE "GRADUATED,"
PLAIN COIL, ELLIPTIC,

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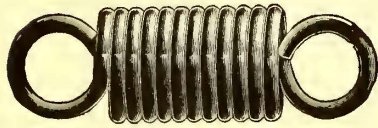
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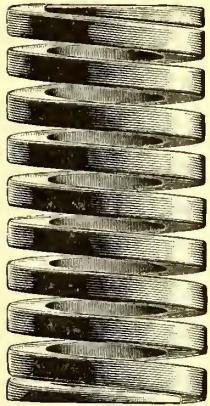
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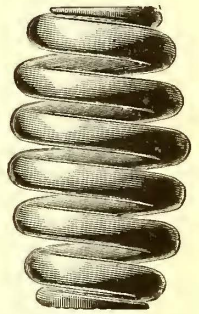
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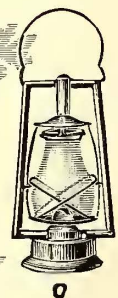
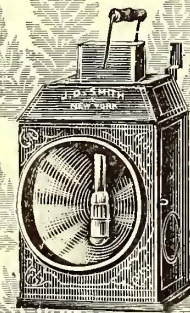
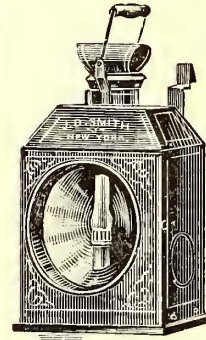
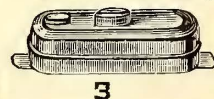
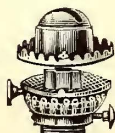
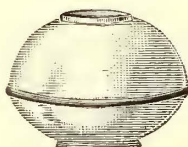
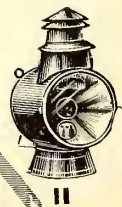
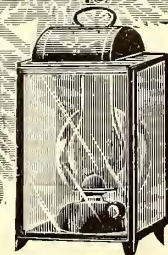
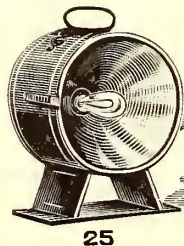
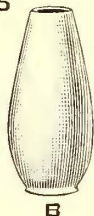
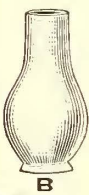
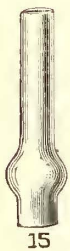
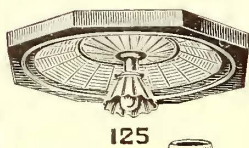
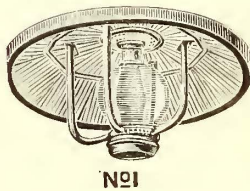
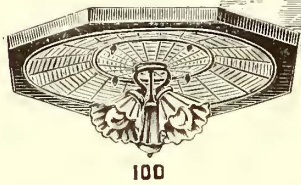
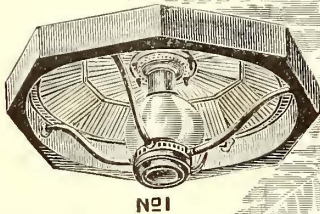
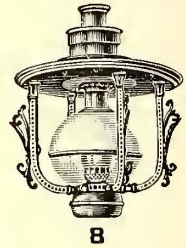
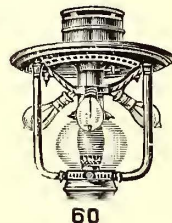
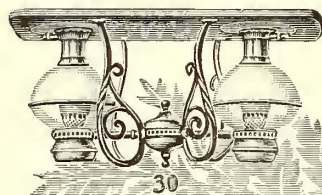
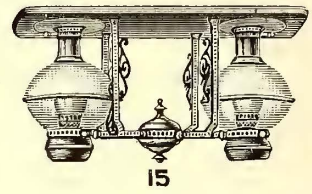
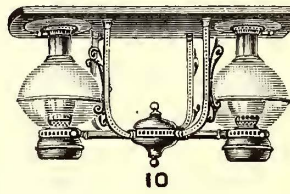
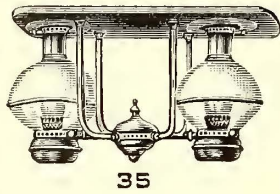
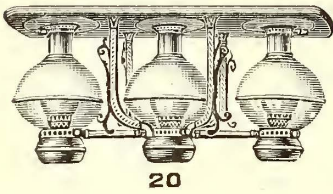
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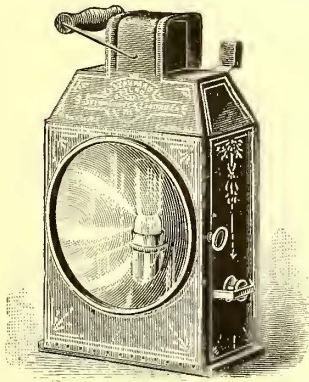
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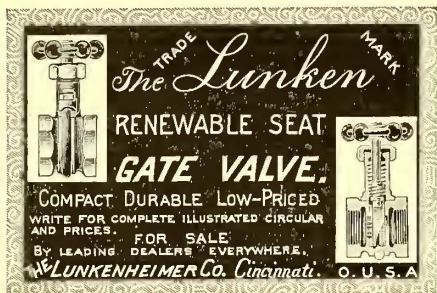
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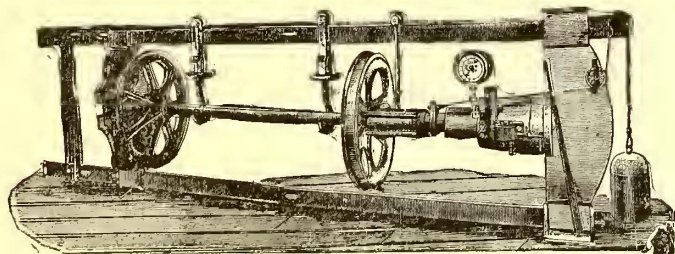
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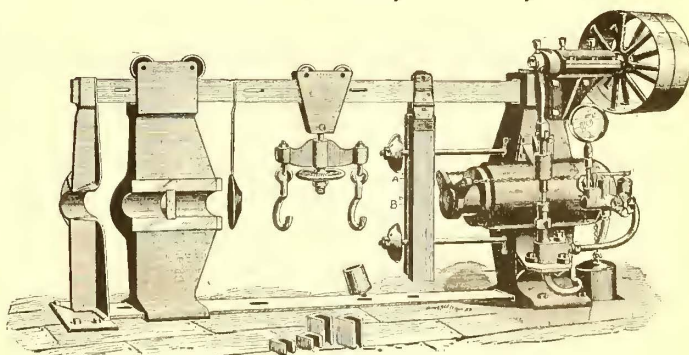
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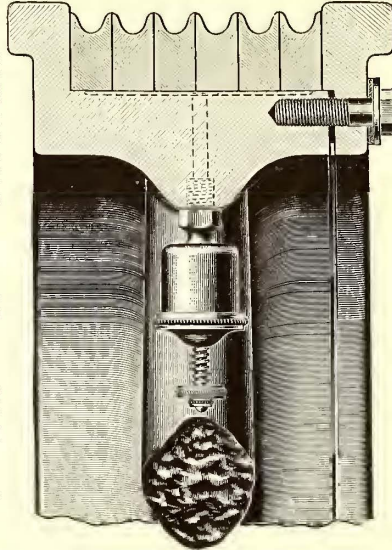
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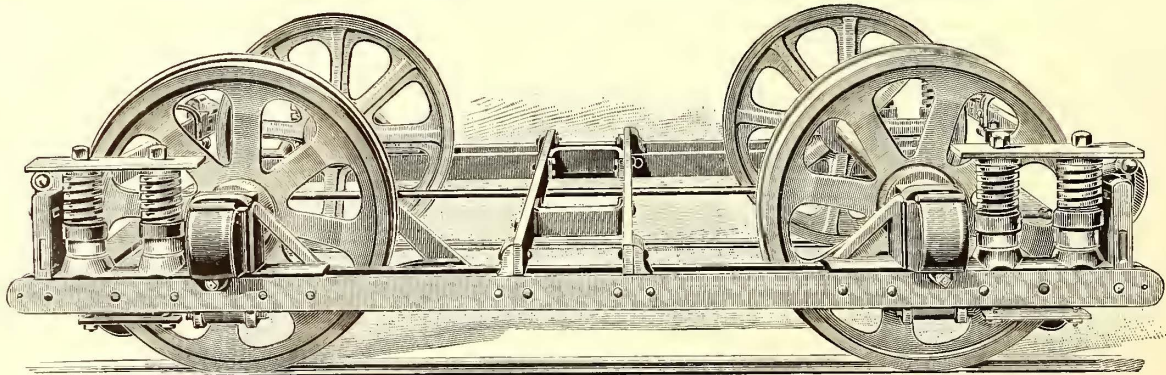
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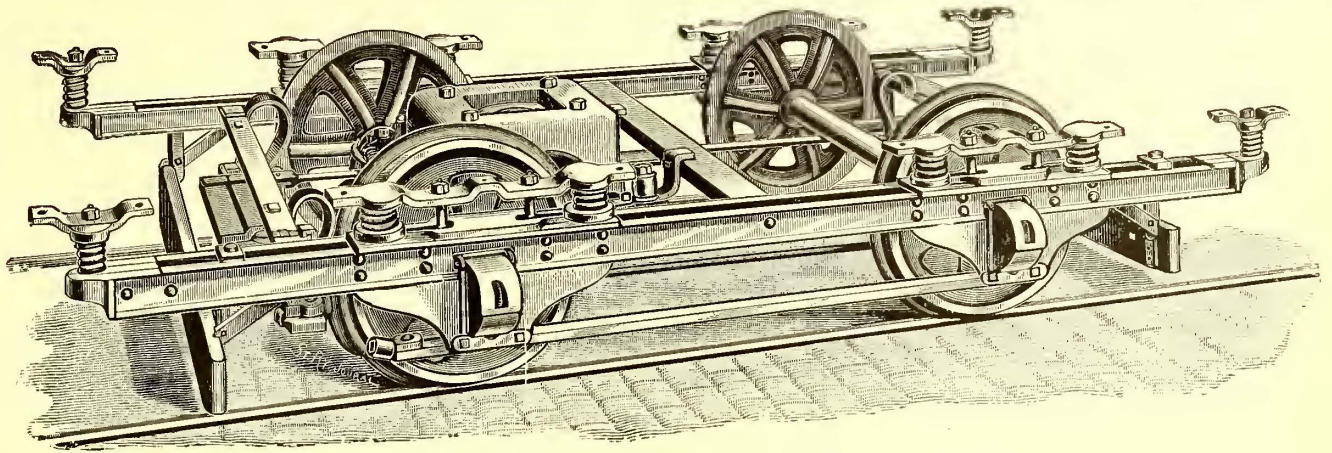
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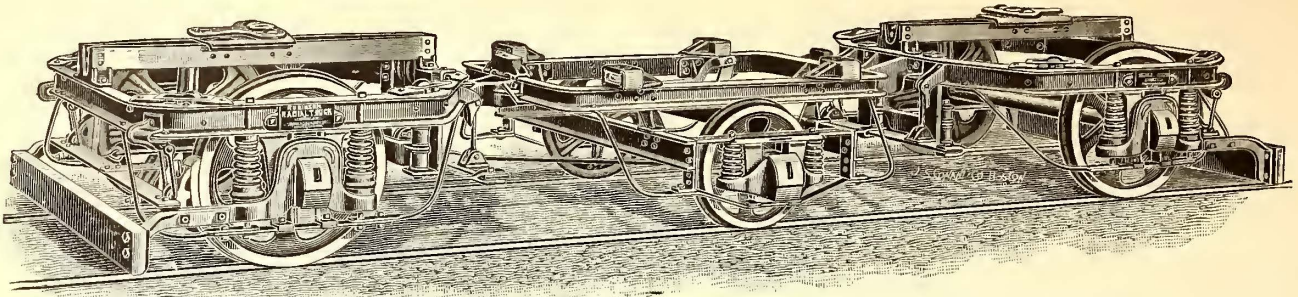
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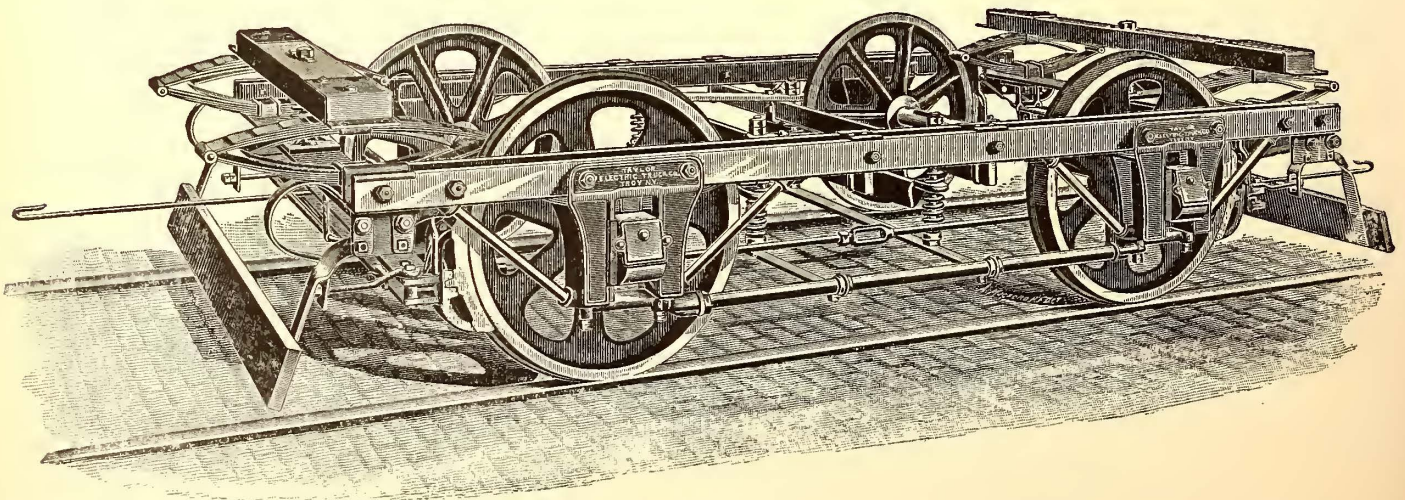
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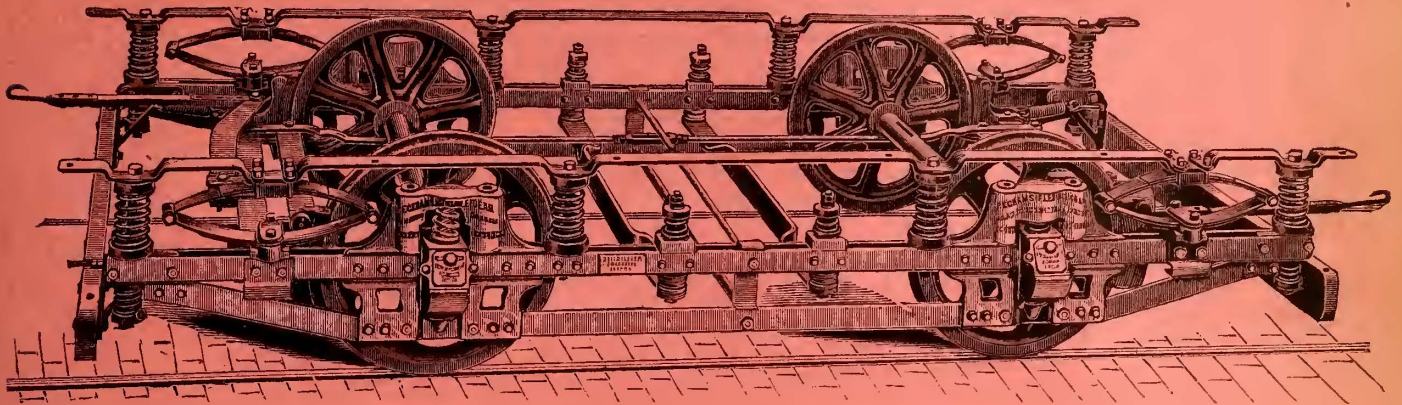
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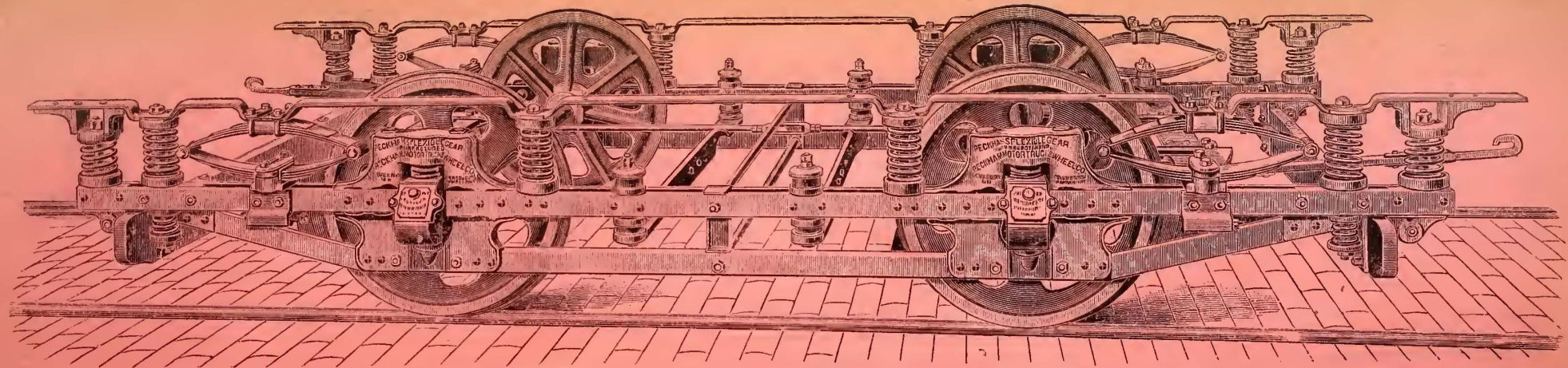
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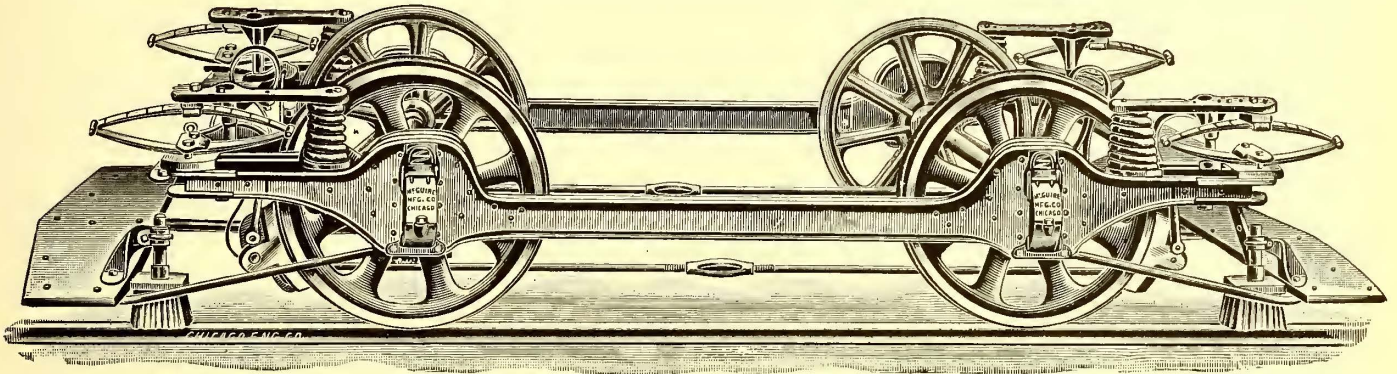
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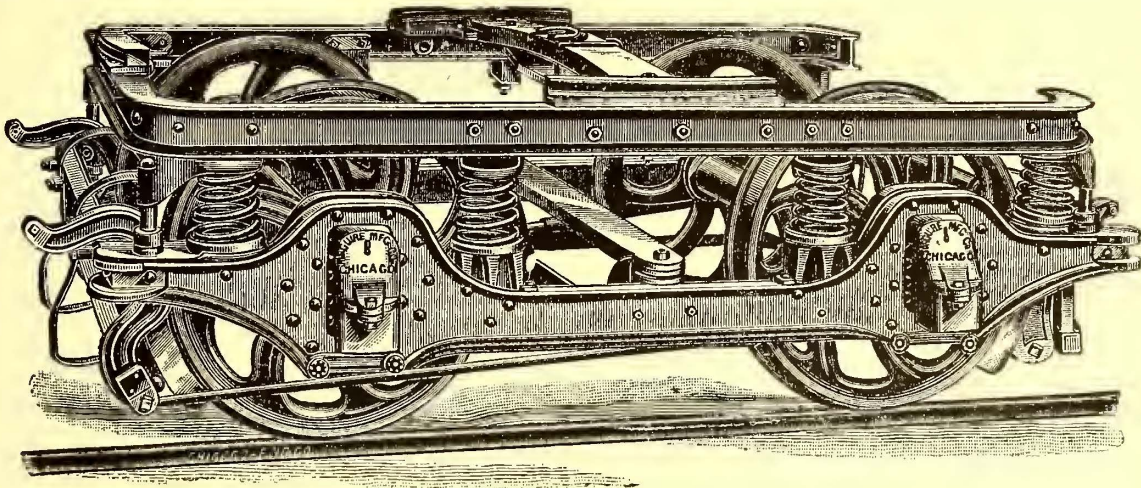
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McGUIRE NO. 20-S, PATENTED MAXIMUM TRACTION TRUCK.

A PRESSED STEEL TRUCK FRAME absolutely without bolts or separable parts. Combining the great strength of a steel locomotive frame with a flexible car truck.
 SAFETY BRAKES, simple and powerful, and render "runaways" impossible.

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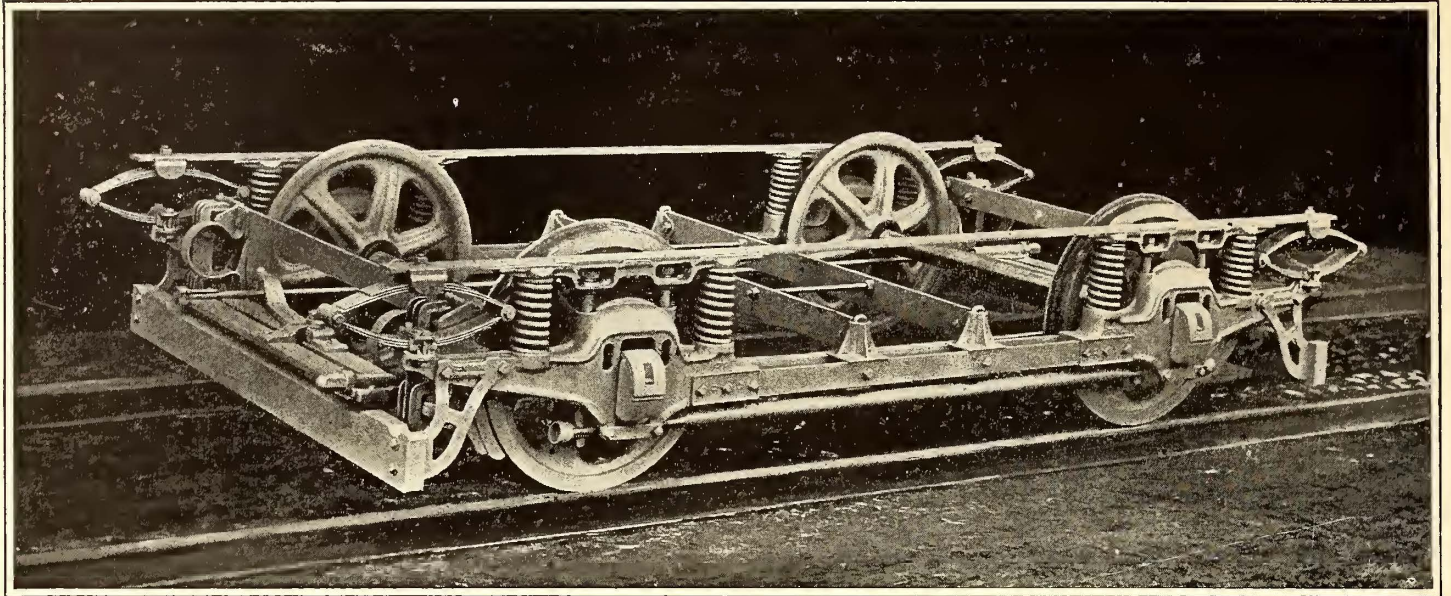
Broken Castings, Rattling Bolts, Loose Joints,
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GET OUR CATALOGUES AND PRICES BEFORE BUYING.

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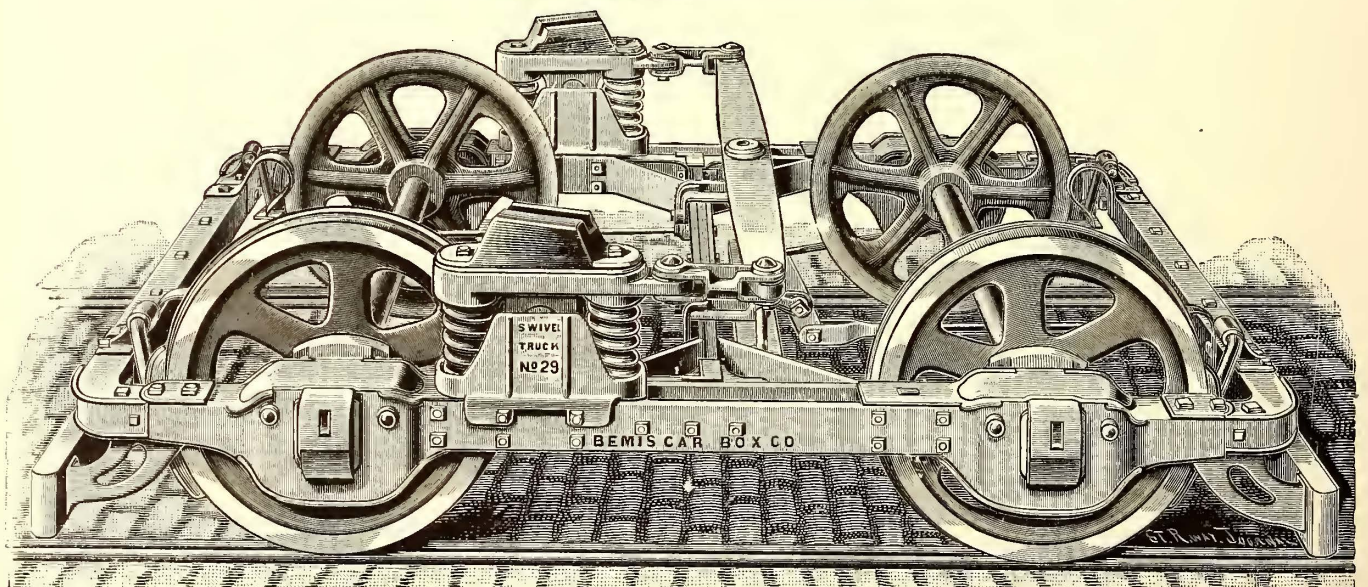
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THE STANDARD MOTOR TRUCK.

Few Parts, Light, Strong and Durable ;
Powerful, Quick Acting and Noiseless Brake ;
Has the Bemis Journal Box.

For Service under 16 to 20 foot box and long open cars.



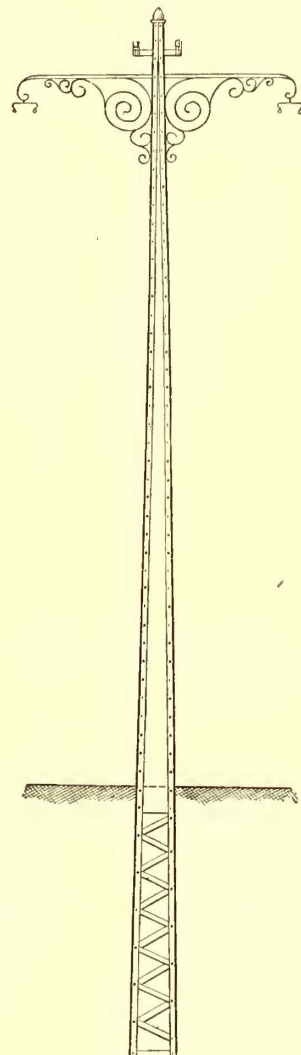
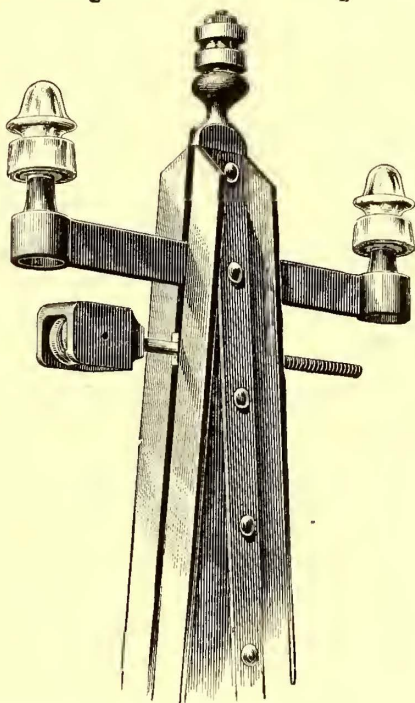
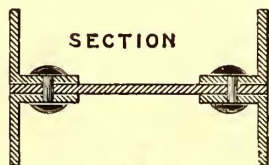
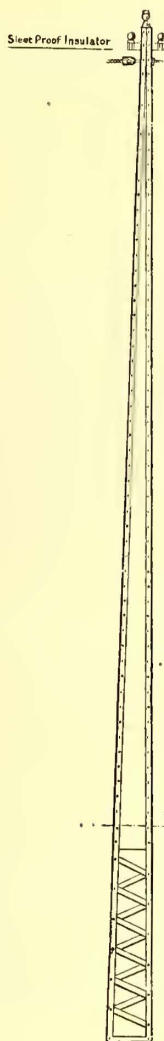
THE BEMIS NO. 29 TRACTION MOTOR TRUCK.

Increased traction on motor axles. Swivels from its center. Has standard size wheels on both axles. This gives light draught and good brake power, without increasing height of car above truck. No part of the truck over the motor. Short wheel base.

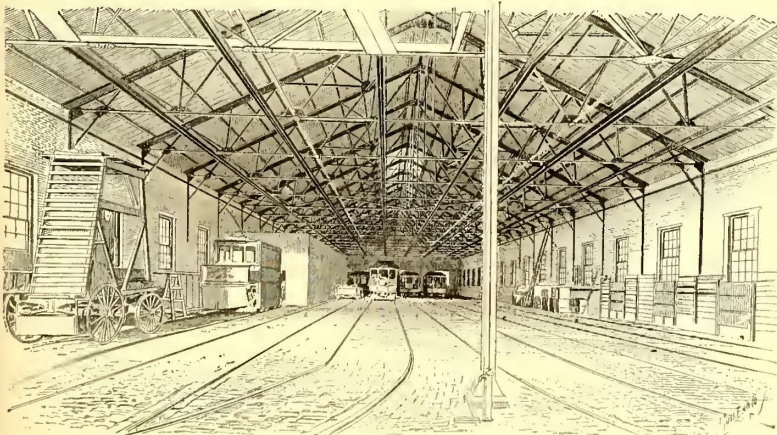
CHAS. M. JARVIS, President and Chief Engineer.
FRANK L. WILCOX, Treasurer.

BURR K. FIELD, Vice-President.
GEO. H. SAGE, Secretary.

THE BERLIN IRON BRIDGE CO.



The above illustration shows our patent pole for electric light, street railway or any other wires. This pole is the simplest and best pole for this purpose in the market. It is the only pole made at the present time where the strains can be accurately calculated, and the amount of metal required to resist these strains proportioned in a scientific manner. Estimates furnished on application.



The above illustration is taken direct from a photograph, and shows the interior of a car shed, designed and built by us for the Wilmington City Railway Co., at Wilmington, Del.



The above illustration is taken direct from a photograph, and shows the interior of a dynamo room, the roof of which was designed and built by us for the Worcester, Leicester & Spencer Street Railway Co., at Worcester, Mass.

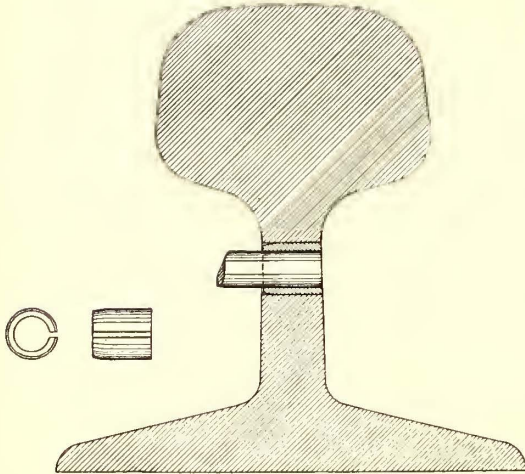
Send for Illustrated Catalogue of Over 300 Pages, Describing Iron and Steel Buildings, Car Sheds, Power Houses, etc.

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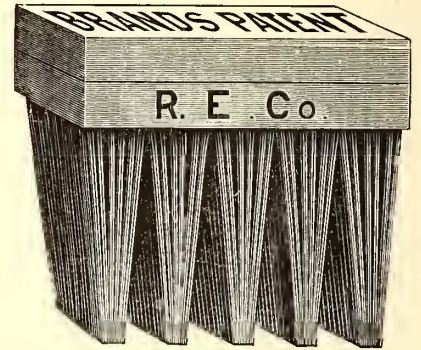
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Magnet Wire.

"K. K." Insulation Best
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manufactured.

BRAND'S PATENT TRACK
BROOMS.



INSURES CLEANLINESS OF RAILS
AND REMOVES SNOW
AND MUD.

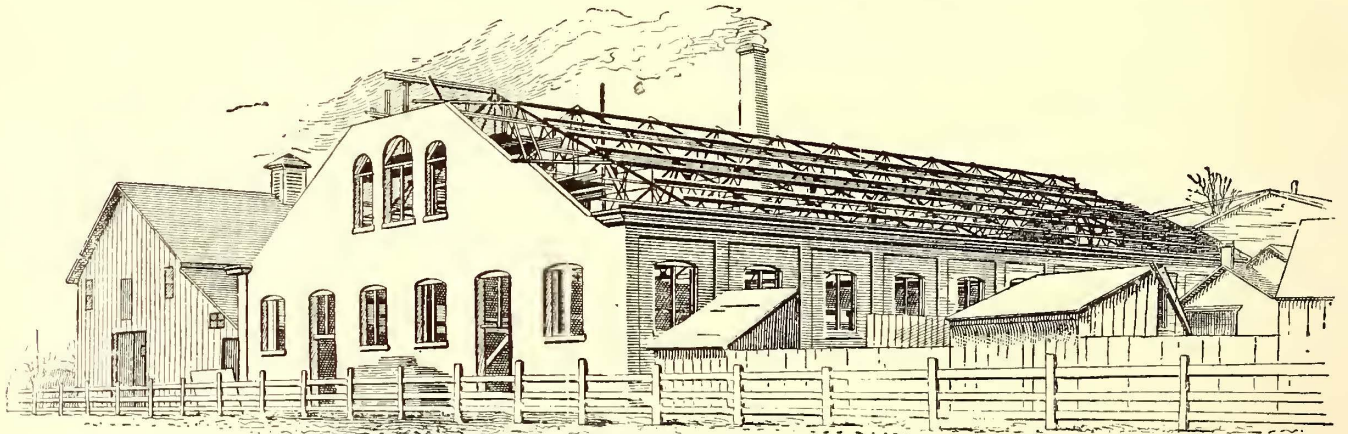
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W. R. MASON, Gen. Manager.

PULLMAN BUILDING, CHICAGO, U. S. A.

IRON BUILDINGS, IRON ROOFS,

RAILWAY AND HIGHWAY BRIDGES.



The above cut, from a photograph during construction, illustrates Power House, built by us for the Fort Wayne & Belle Isle Railway Co., at Detroit, Mich. The building is 140 ft. long by 80 ft. wide. We also built a large car shed for the same company, which will be illustrated in a subsequent issue.

GENERAL STRUCTURAL WORK IN IRON AND STEEL, FOR POWER HOUSES, CAR SHEDS, ETC.

POLES FOR TROLLEY WIRES, ELECTRIC LIGHTS, ETC.

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EUGENE F. PHILLIPS, President.

W. H. SAWYER, Sec'y and Electrician.

AMERICAN * ELECTRICAL * WORKS,

PROVIDENCE, R. I.

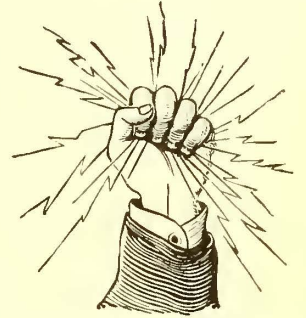
RAILWAY FEEDER AND TROLLEY WIRE

Electric Light Line Wire, Incandescent and Flexible Cords,
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FARADAY CABLES.

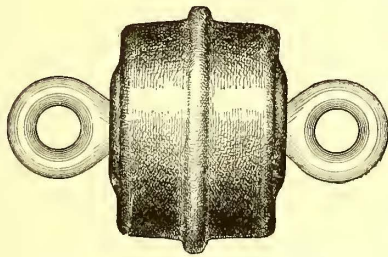
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TROLLEY LINE INSULATORS.



GIANT STRAIN INSULATOR.
Average Breaking Strain 6,500 lbs.

Long service on many electric lines proves conclusively the reliability of Moulded Mica Insulation for safety, durability and strength. Tree Insulators for Electric Light and Feeder Wires.

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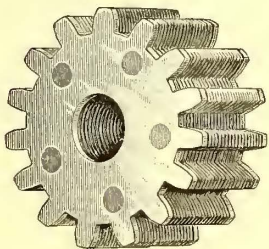
Philadelphia.

Boston.

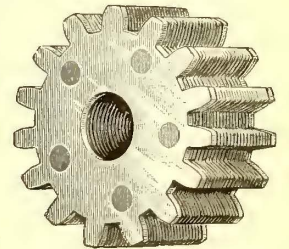
F. A. ESTEP, President & Treasurer.

J. R. MCGINLEY, Vice-President.

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FOR

ALL ELECTRIC RAILWAY SYSTEMS.

Gears made of Cast Iron or steel. Pinions made of Steel, Bronze, Tempered Copper or Rawhide.

All our Gears and Pinions are made on the latest and most improved machinery. Our castings are free from all imperfections. All Gears and Pinions are Accurately Cut, and Each one is given a most rigid test before leaving our works.

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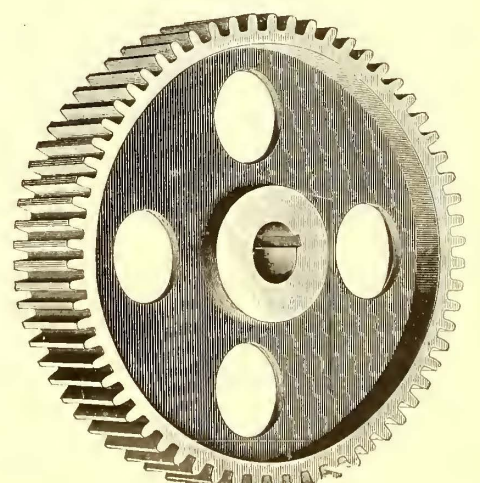
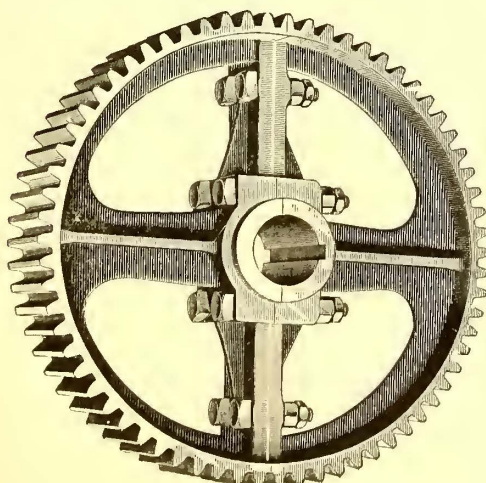
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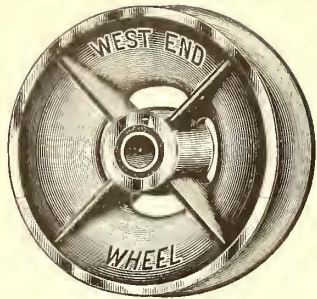
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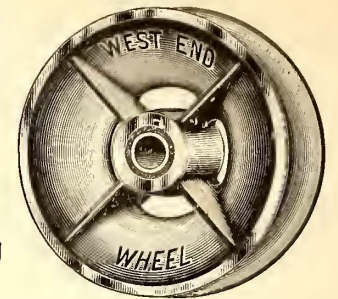
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WILL FIT IN T. H. FORK. ECONOMIC IN FIRST COST AND LENGTH OF LIFE.

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FIVE REASONS WHY IT IS THE BEST.

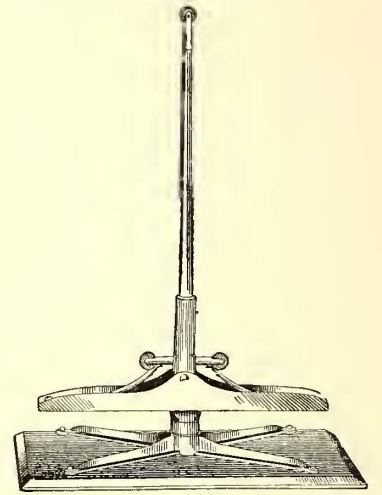
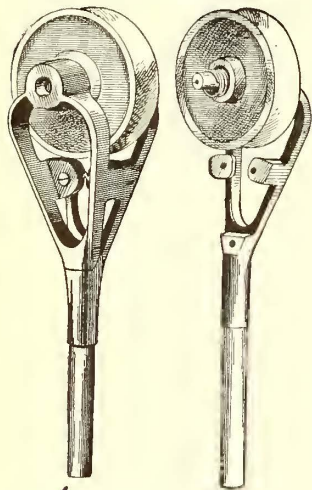
- 1st. The wheel is fastened to shaft and never requires bushing.
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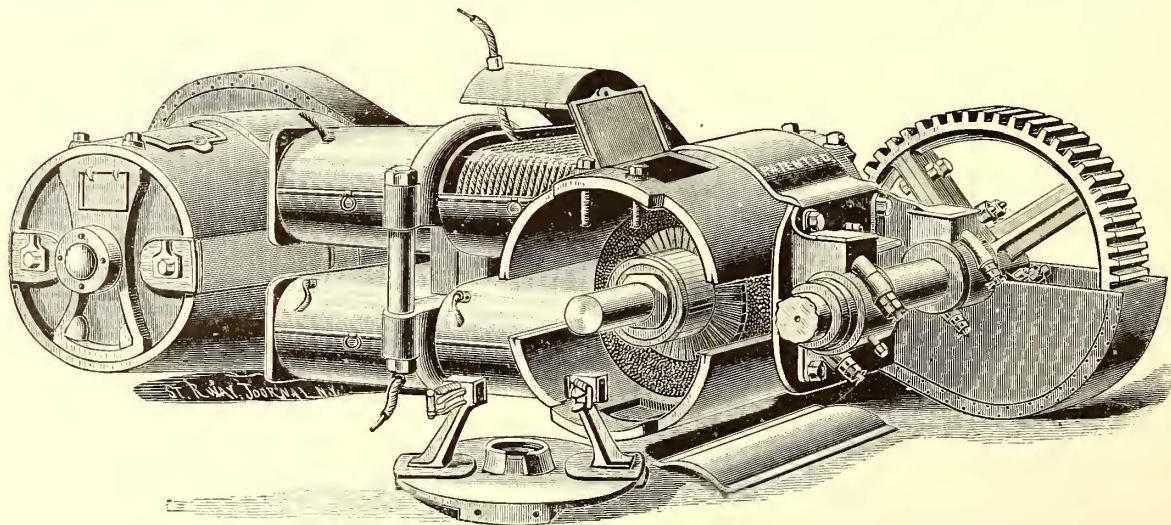


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FREEDOM FROM OSCILLATION.



AMPLE ROOM FOR FIELD WINDINGS.

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Maximum traction, efficiency and power.

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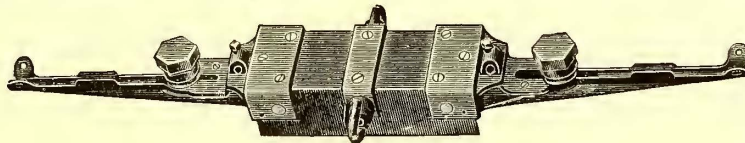
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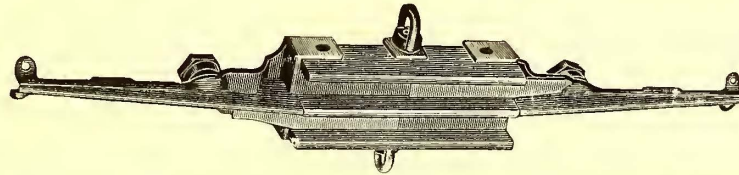


Improved Section
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(See Cuts.)

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The Brooklyn City R. R. Co.
(who always want the best) have
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There is no point on this device
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 502 WESTERN UNION BUILDING.

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 MANUFACTURERS OF
 IRON, STEEL AND GALVANIZED
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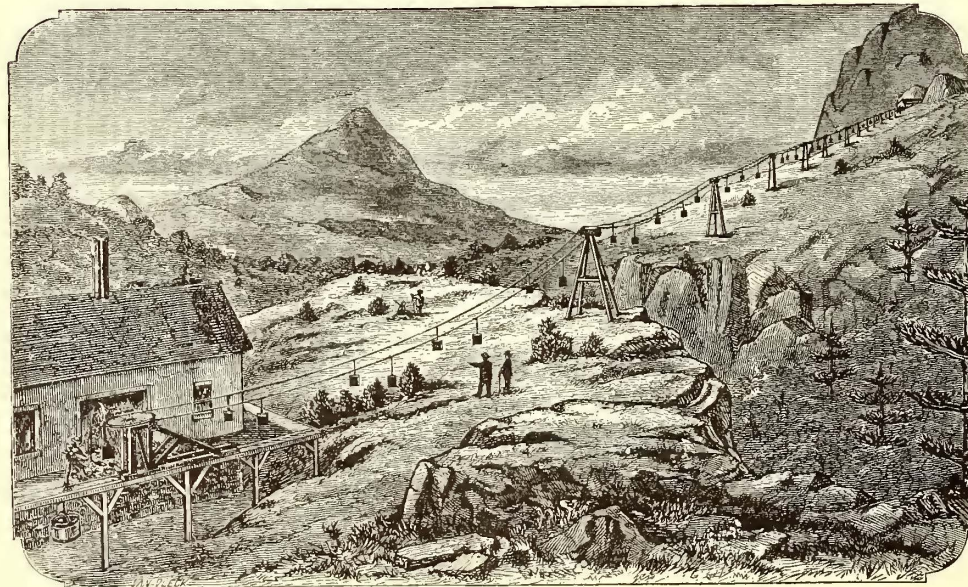
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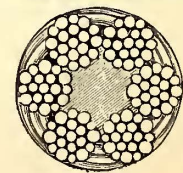
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Crucible Cast Steel Cables for Cable Railways a Specialty.

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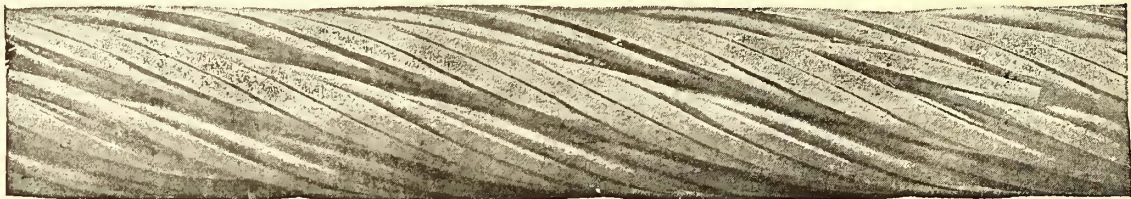
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For Cable Tramways, Mines, Collieries, Aerial Ropeways,
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All Wire used in the Manufacture of our Ropes is drawn by ourselves from specially prepared Wire Rods exclusively for our own use, and on no account whatever do we supply the Trade.

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HARD COPPER AND SILICON BRONZE TROLLEY WIRE.

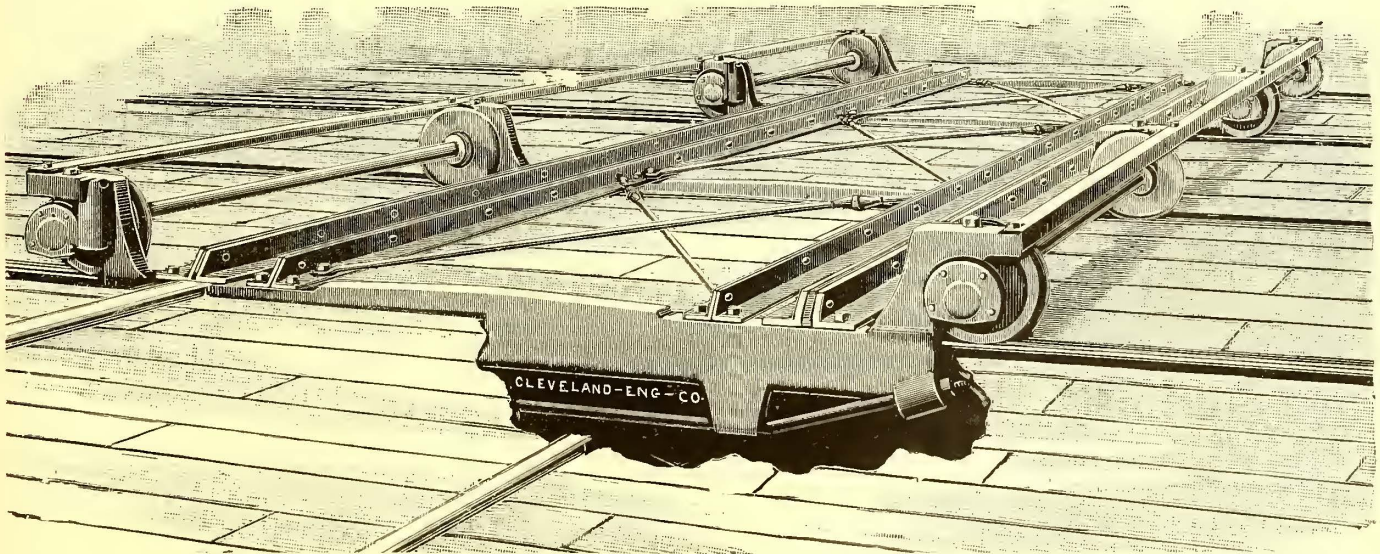
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HOISTING ENGINES, DRUMS AND MACHINERY. COLLIERY MACHINERY. COAL AND
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MACHINE CUT GEARS OF ALL SIZES.

Pumping Engines of High Duty Types. Cornish Pumping Engines. Pumps and Boilers
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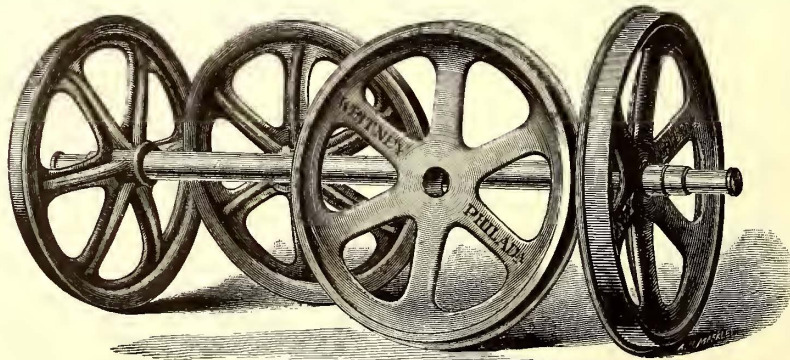
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CHILLED CAST IRON CAR WHEELS

Of all Kinds and Sizes, and made only of the Best Charcoal Irons.



STREET RAILWAY WHEELS MADE IN CONTRACTING CHILLS, ACCURATELY ROUND WITH-
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SPECIAL PATTERNS FOR CHILLED AND STEEL TIERED WHEELS

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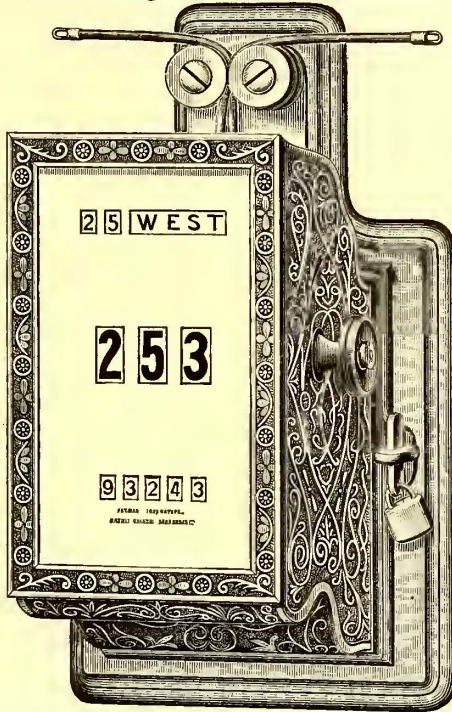
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These Registers are a Marvel in Completeness of Registration, Reliability, Compactness, Beauty of Design and Finish, and are Attracting World Wide Attention among Practical Railroad Men, and have been placed on over 75 roads within the past year.



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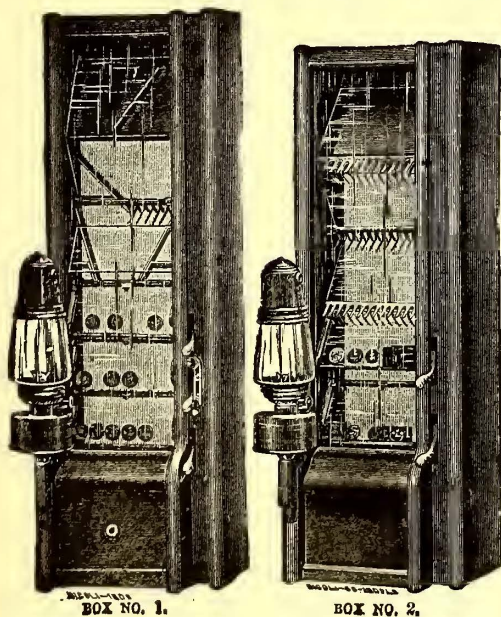
The ONLY Register which registers up to one thousand fares on a trip in prominent numerals.

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TOM L. JOHNSON'S
NOW

St. Louis Car Company's IMPROVED FARE BOX.



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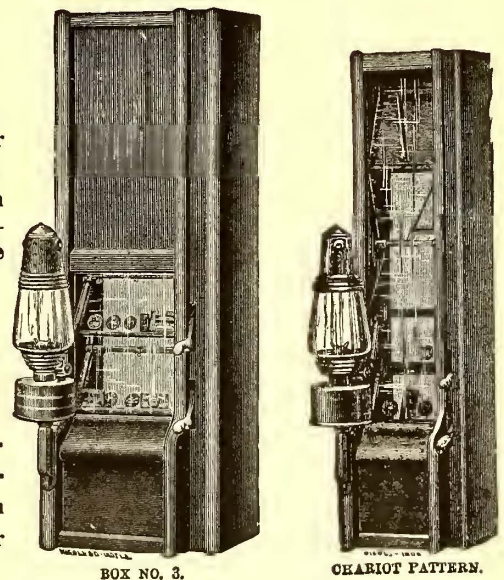
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Fares Cannot be Extracted or boxes Robbed without violence.

Roads Equipped with Boxes on Trial, and if not satisfactory, returned without any expense to the company trying them.

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Special Sizes built to order.

NOTICE.—All parties are cautioned against using fare boxes recently placed on the market which are direct infringements on our patents.

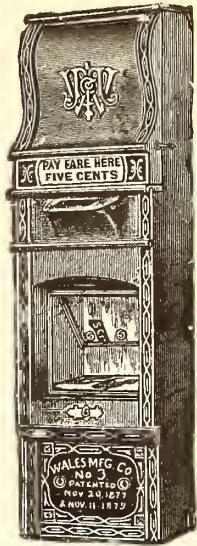


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St. Louis Car Company,

MANUFACTURERS OF ALL KINDS OF HORSE, ELECTRIC, CABLE AND ALL OTHER MOTOR CARS.
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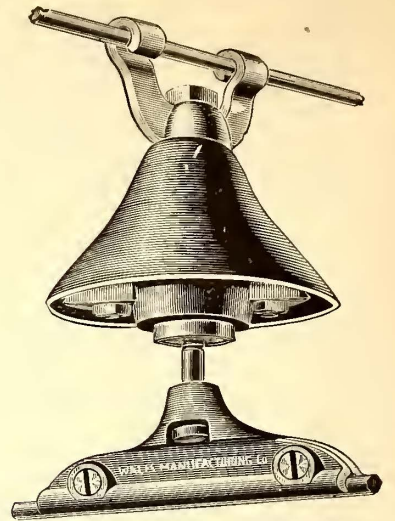
THE WALES FARE BOX

SO WELL KNOWN AND LARGELY USED IN THIS AND FOREIGN COUNTRIES.

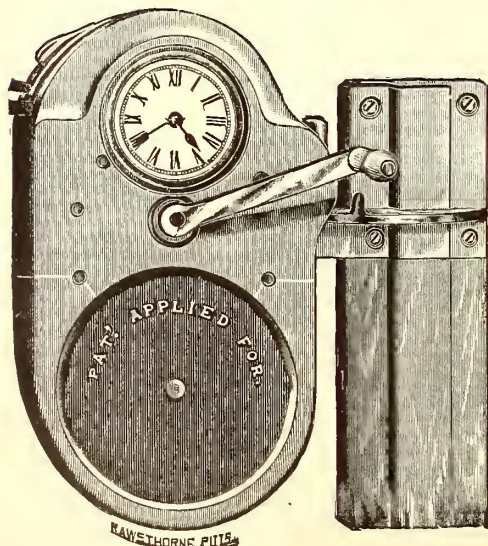
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INSULATOR, SELF-OILING TROLLEY WHEEL.
ELECTRIC HEADLIGHTS.

TICKET PUNCHES, UNIFORM BUTTONS, CAPS AND BADGES.
SEND FOR CATALOGUE.

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The Catskill Mountain Incline, Weehawken Passenger Elevators, Eiffel Tower and Glasgow Harbor Tunnel are some of the big elevator plants furnished by OTIS BROTHERS & CO., 38 Park Row, New York.



THE NEW SYSTEM of ISSUING TRANSFERS.

The accompanying cut is one-quarter size of the Time Transfer Printer. By this system only the tickets actually needed are printed. The time is automatically and accurately recorded on each ticket, and mistakes are impossible.

GREAT SAVING OF TIME, LABOR AND MONEY.

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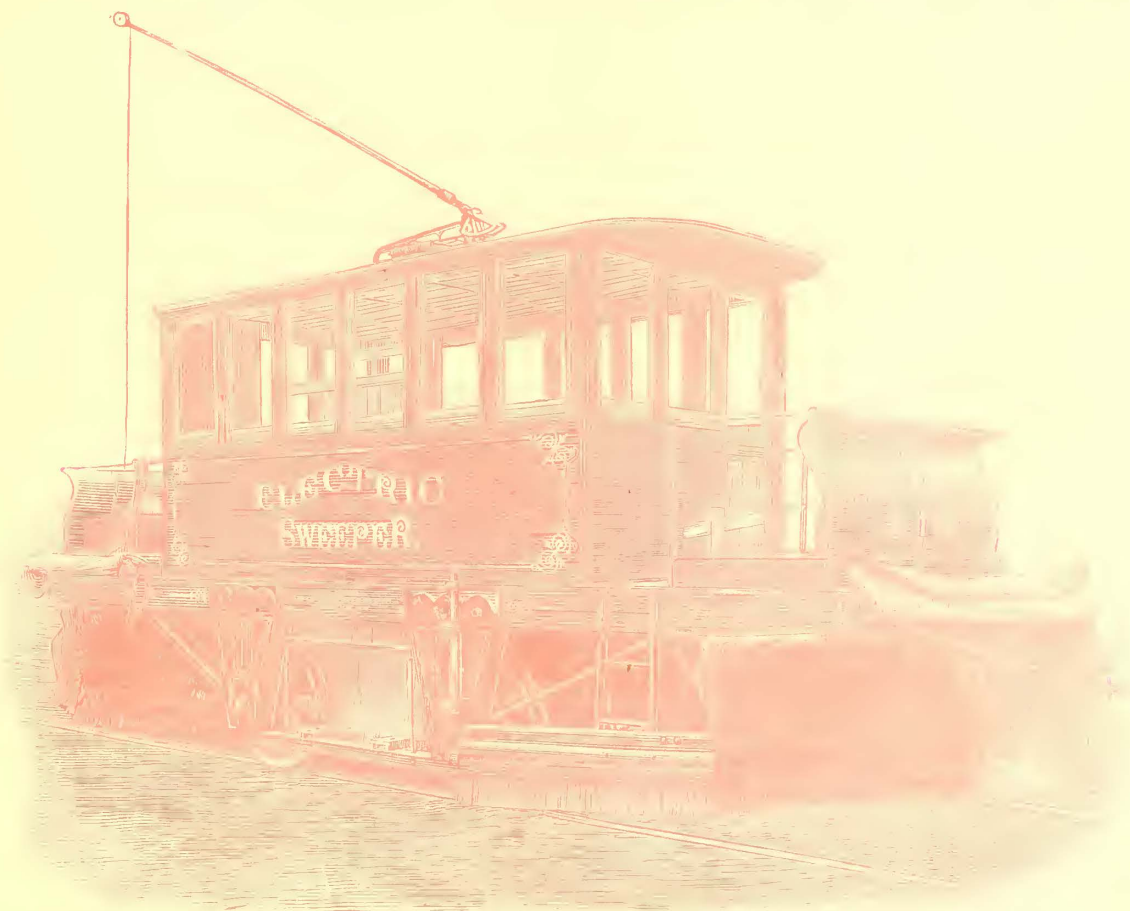
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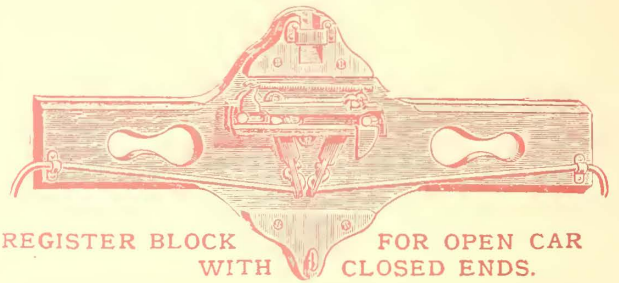
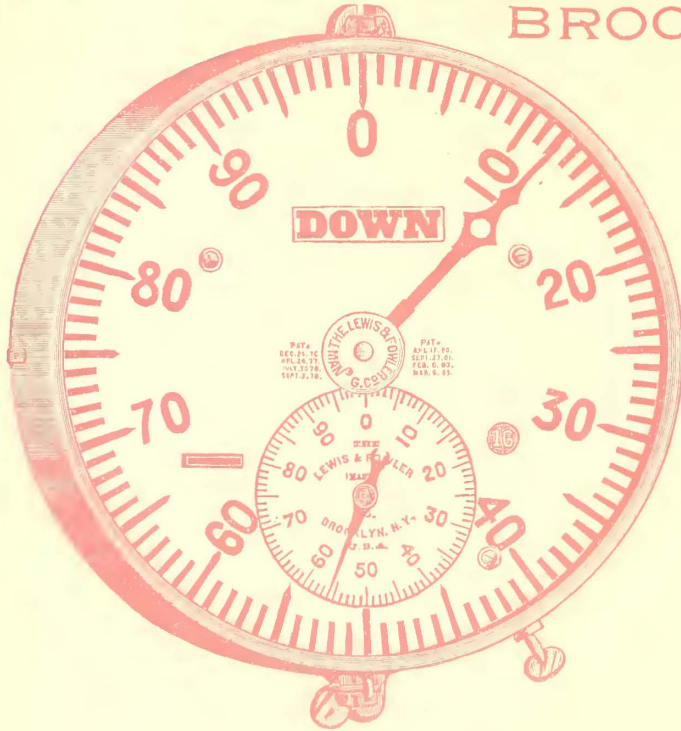
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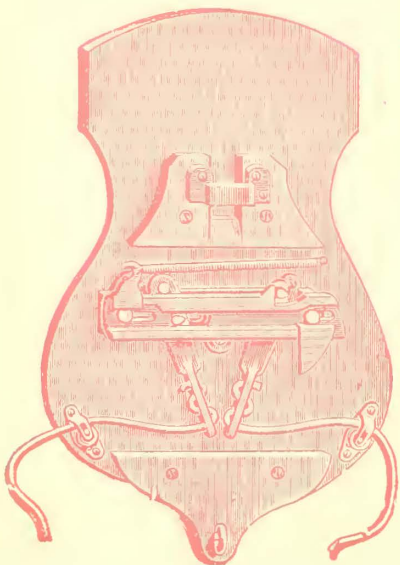
PATENTEES AND SOLE MANUFACTURERS OF

THE IMPROVED "ALARM" PASSENGER REGISTER

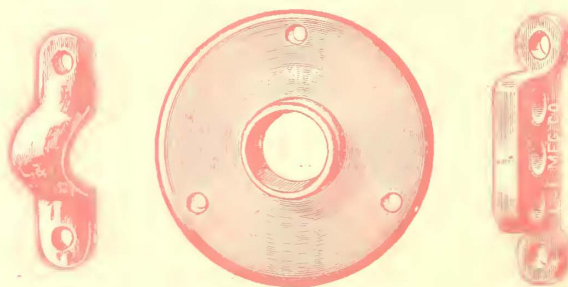


Acknowledged to be the Safest and Most Complete Register in the World.

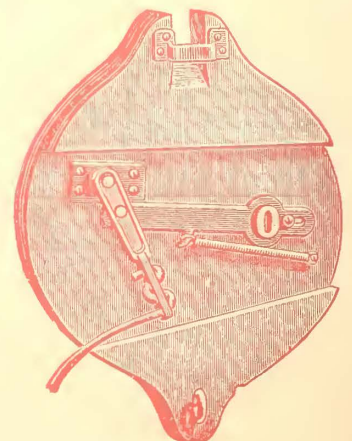
HAS BEEN ADOPTED BY 500 RAILROAD COMPANIES.



REGISTER BLOCK FOR OPEN CARS WITH OPEN ENDS.



Send for list of Railroad Companies that have Purchased our REGISTER.



REGISTER BLOCK FOR CLOSED CARS.

Descriptive Circular Mailed on Application.

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NOTICE TO STREET RAILWAY COMPANIES.

The Stationary Fare Register or Passenger Register of the Lewis & Fowler Manufacturing Company needs no introduction to Street Railway Companies of the United States and Canada, but such Companies cannot be expected to be fully informed as to the following facts which are of interest to every Railroad that uses a Fare Registering Device.

Our present perfected machine is the product and embodiment of numerous progressive improvements by practical Railway men and expert Machinists, occupying the past seventeen years in their completion, and costing together with their protection and development a very large sum of money.

We own or control thirteen unexpired letters Patent of the United States as follows:—

- No. 190021 granted April 24th, 1877, for Improvement in Passenger Registers.
- No. 206553 granted July 30th, 1878, for Improvement in Passenger Registers.
- No. 207728 granted September 3rd, 1878, for Improvement in Passenger Registers.
- No. 231161 granted August 17th, 1880, for Improvement in Passenger Registers.
- No. 247552 granted September 27th, 1881, for Improvement in Passenger Registers.
- No. 247553 granted September 27th, 1881, for Trip Signal for Fare Registers.
- No. 271976 granted February 6th, 1883, for Fare Registers and Recorder.
- No. 271977 granted February 6th, 1883, for Improvement in Fare Registers.
- No. 273675 granted March 6th, 1883, for Improvement in Fare Registers.
- No. 280925 granted July 10th, 1883, for Improvement in Passenger Registers.
- No. 391702 granted October 23rd, 1888, for Improvement in Fare Registers.
- No. 487731 granted December 13th, 1892, for Improvement in Fare Registers.
- No. 506629 granted October 10th, 1893, for Improvement in Fare Registers.

Nearly all of the above Patents are represented in each of the machines we send out, and our protection cannot be materially impaired by the expiration of any one Patent, while the earlier devices would be practically worthless at the present time without the latter improvements.

Notwithstanding the above, Stationary Fare Registering Machines more or less closely copied after our Patent Registers and infringing our Patents have been put upon the market, and are being pressed upon the attention of Street Railway Companies some of these infringements being without any show of Patent Protection, whatever.

We cannot, of course, permit our valuable property to be thus infringed upon, and must look to the Street Railway Companies which use infringing Registers for such redress as the Law affords.

We do not, however, desire to enter into litigation with any Street Railway Company, and in order to avoid, if possible, the necessity of any Legal action, we publish the foregoing as a friendly warning.

Respectfully,

THE LEWIS & FOWLER MFG. CO.

ALBERT H. DOLLARD,
President.

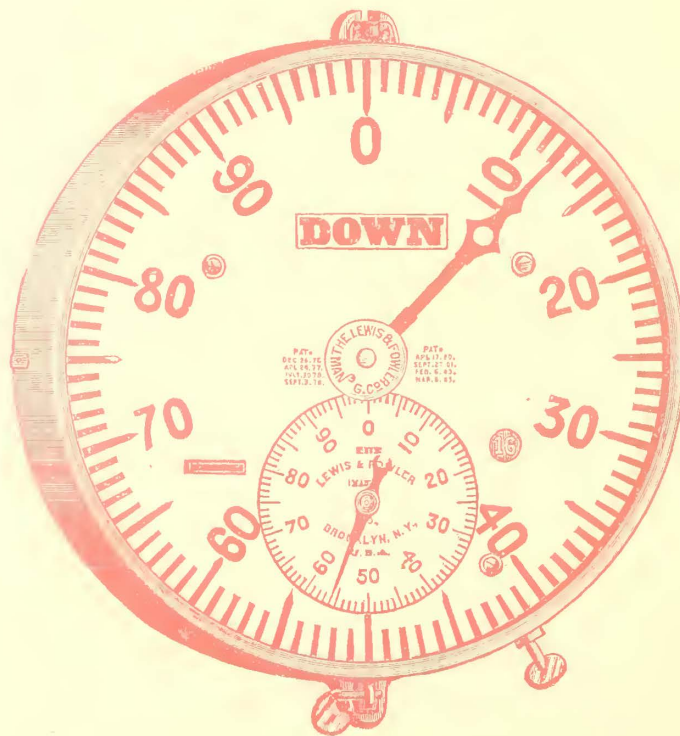
DANIEL F. LEWIS,
Treasurer.

GEORGE W. MYERS,
Secretary.

THE

LEWIS & FOWLER MFG. CO.

BROOKLYN, N. Y.



SEE PRECEDING PAGE

RAILWAY REGISTER COMPANY.

MANUFACTURING

MANUFACTURERS AND OWNERS OF THE Latest Designs, Improvements and Inventions in Registers, Indicators, Classifiers and Punches, for the Recording of Fares Collected on Street and Steam Railroads.

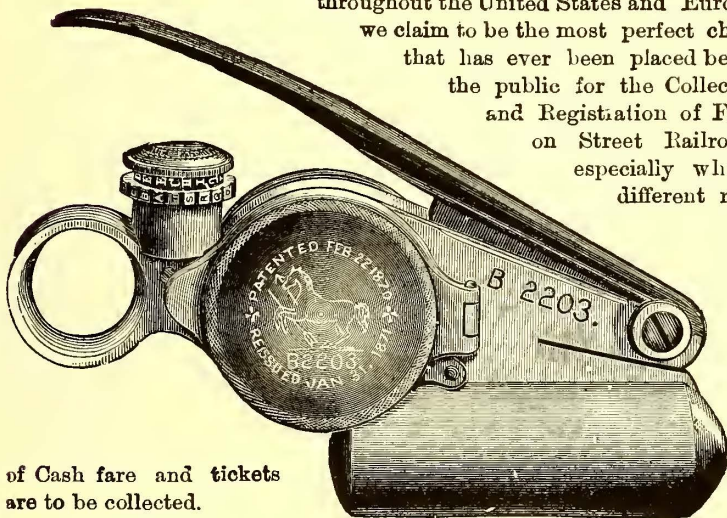


COMPANY.

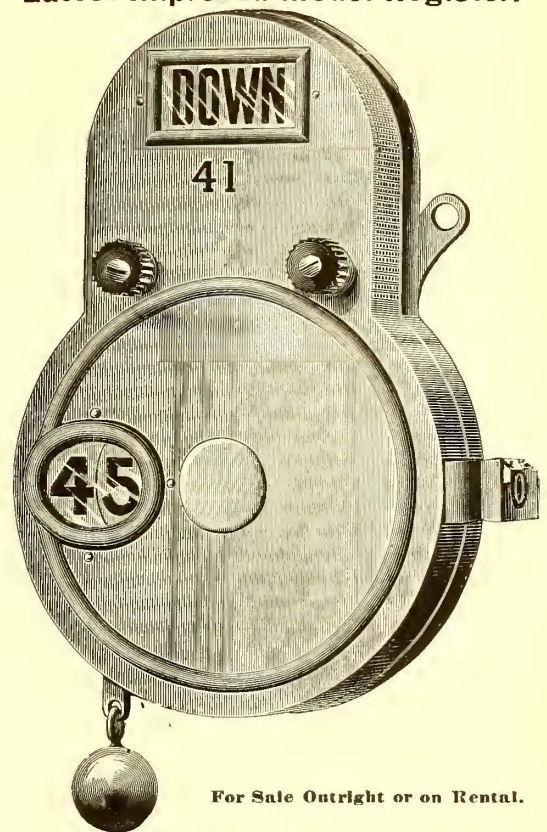
This company owns over 100 Patents embracing all the Valuable Features of Fare Registers, Indicators, etc., and was awarded three Medals at the Chicago Exposition of Railway Appliances. Latest Improved Model Register.

The Alarm Registering Punch.

This Register, which is so generally used throughout the United States and Europe, we claim to be the most perfect check that has ever been placed before the public for the Collection and Registration of Fares on Street Railroads, especially where different rates

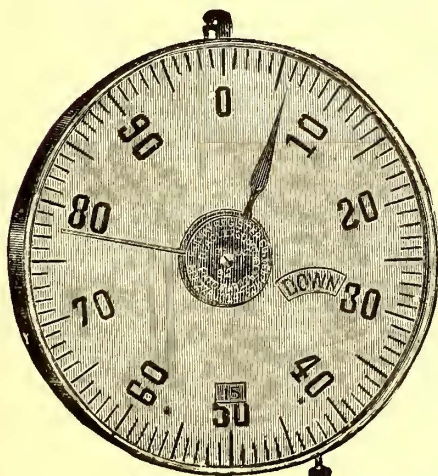


of Cash fare and tickets are to be collected.



For Sale Outright or on Rental.

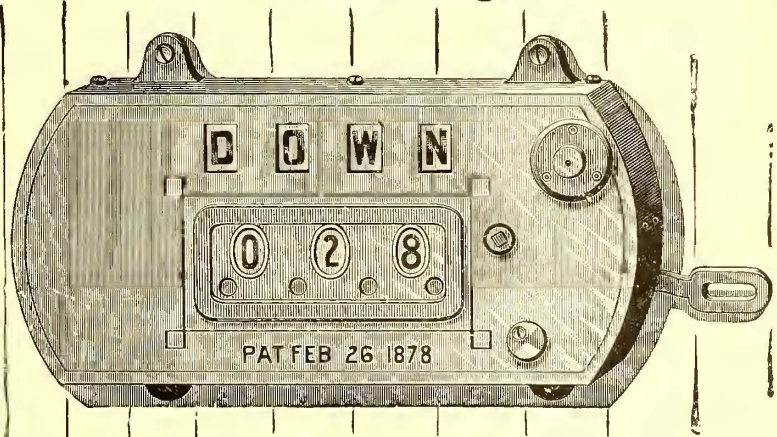
The Monitor Register.



For Sale Outright or on Rental.

Railway companies desiring to use a Stationary Register will consult their own interest by examining this Register before adopting any of the cheap devices now offered as it is the most Reliable Register of its kind. For further particulars address

The Pond Register.



For Sale Outright or on Rental.

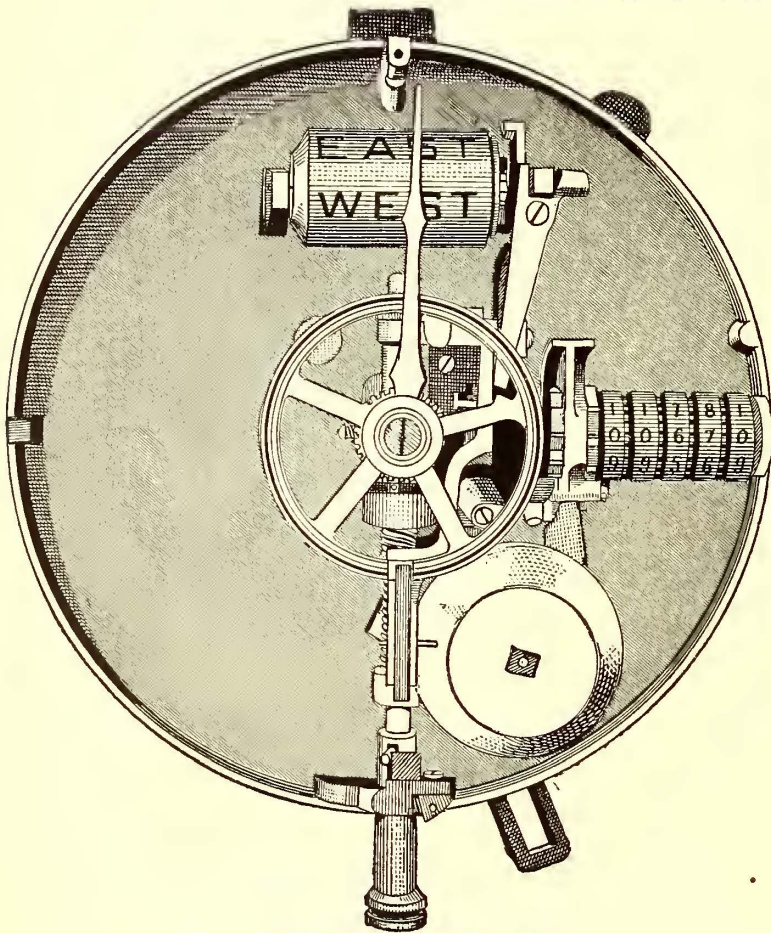
SPECIAL ATTENTION PAID TO EXPORT ORDERS.

EDWARD BEADLE, Manager, 1193 Broadway, New York City, N. Y.

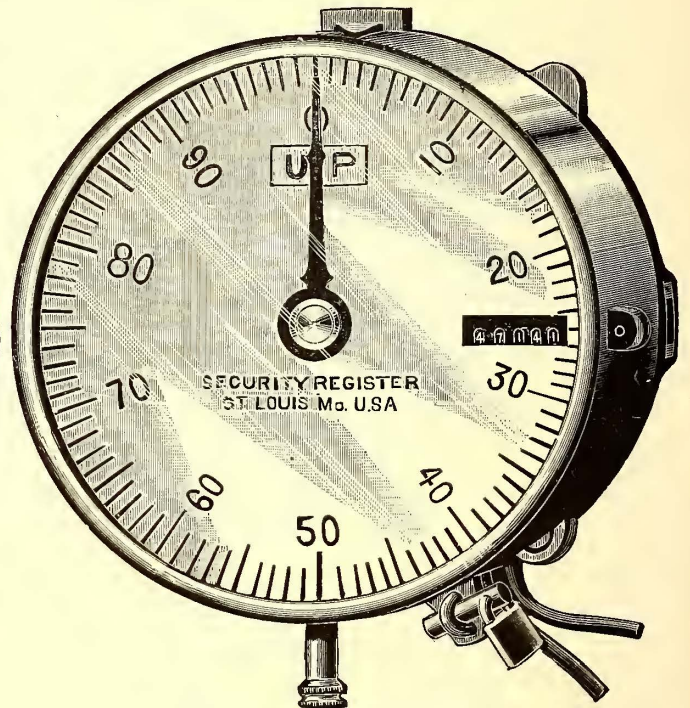
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THE SIMPLEST, MOST ACCURATE
AND DURABLE REGISTER ON THE MARKET.

THE MECHANISM IS WORKED BY THE MOVEMENT OF ONE SHAFT. NOW IN USE ON MORE THAN TWENTY ROADS WITH ENTIRE SATISFACTION. IT TOTALIZES 99,999 AND IS FURNISHED WITH OR WITHOUT A HOOD FOR THE TOTALIZER.



ONE-THIRD ACTUAL SIZE.



ONE-FOURTH ACTUAL SIZE.

ST. LOUIS REGISTER CO., City.

St. Louis, Mo., October 17, 1892.

GENTLEMEN:—We have used your Register for the past year and have found it to be very simple and accurate, and, so far as our experience goes, I consider it superior to any register now in use.

Yours respectfully,

J. F. DAVIDSON, Supt., Missouri Railroad Co.

MANUFACTURED BY

THE ST. LOUIS REGISTER CO.

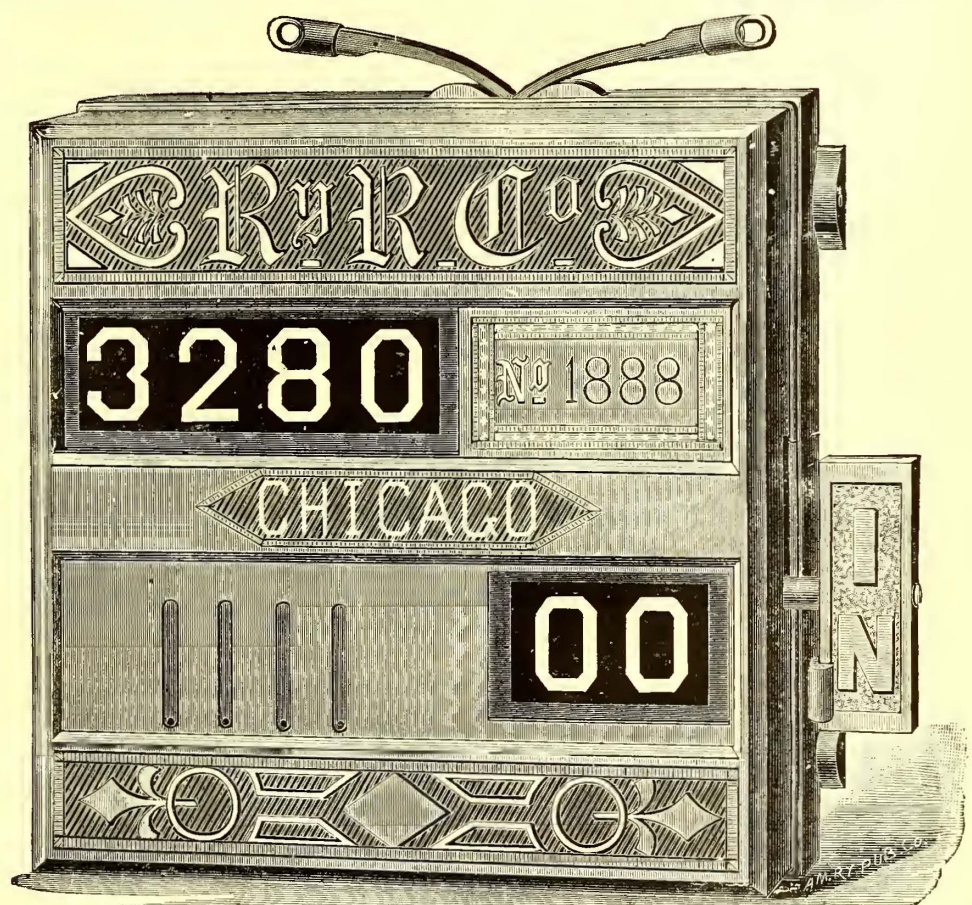
OFFICE, 703 HOUSER BUILDING, ST. LOUIS, MO.



— THE —
MEAKER
 PORTABLE and STATIONARY
REGISTERS

SIMPLE! DURABLE! RELIABLE!

THIS is a Double Register, being so constructed that the statement (settlement numbers) may be visible or not, at will, by the simple use of a key. It is impossible to change the direction signal without cancelling the fares recorded at the trip window, and said cancellers can only be removed by a return to zero. It is also impossible to ring the bell without registering, or register without ringing the bell. The pull cords will be placed on both sides of the car, without extra charge, if desired. The machine is made strong in all its parts, and being constructed without wheels, is not subject to the same wear as clogged devices.



THE IMPROVED STATIONARY.

Our Registers have been adopted by over Sixty Street Railway Companies. For Reference, Terms, Etc., address

THIS Register can be read correctly from any part of the car.

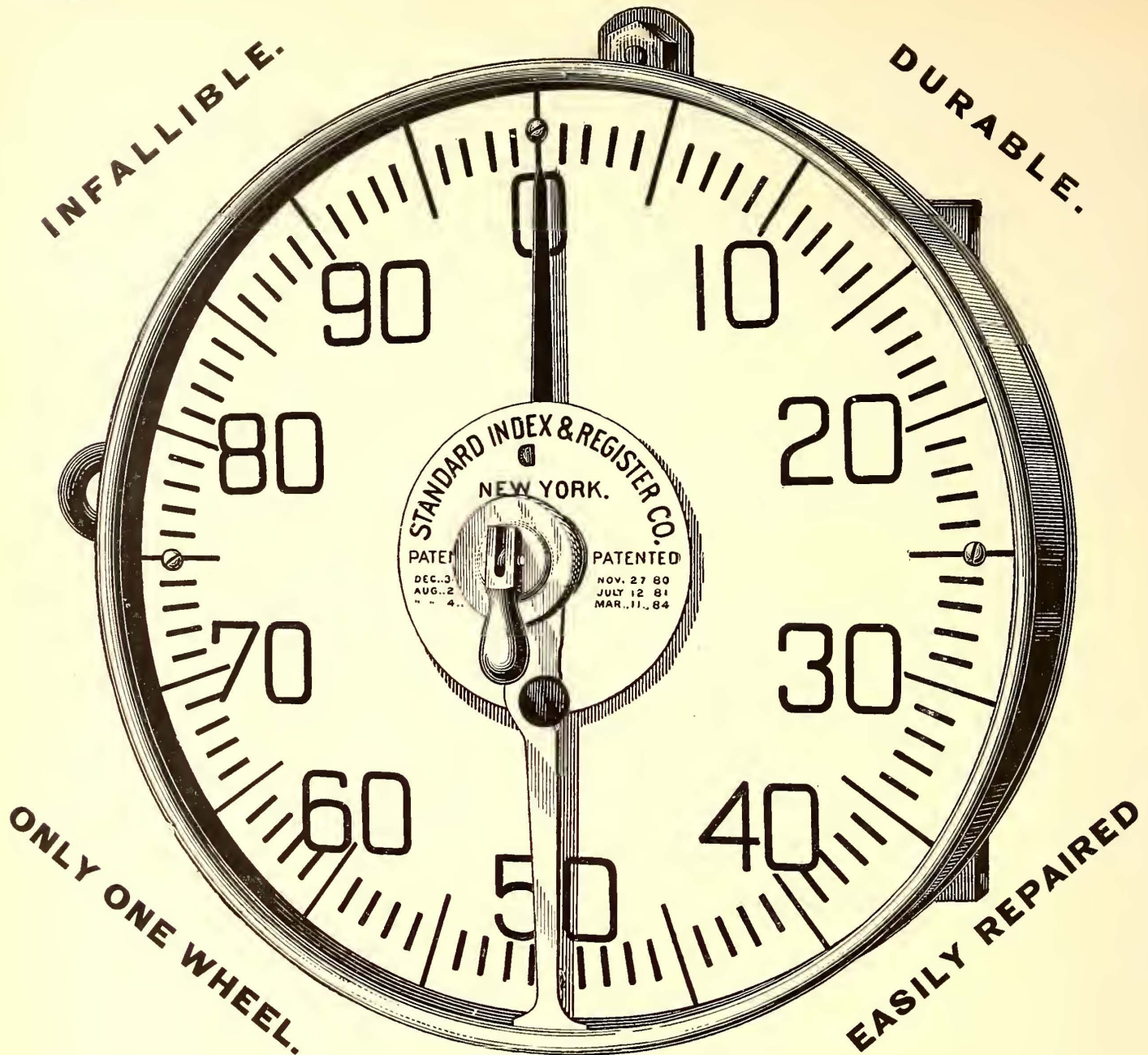
MEAKER MANUFACTURING CO.,

Fac-simile of Figures Used.

**134 WEST WASHINGTON STREET,
 CHICAGO.**



Successors to Railway Register Company.



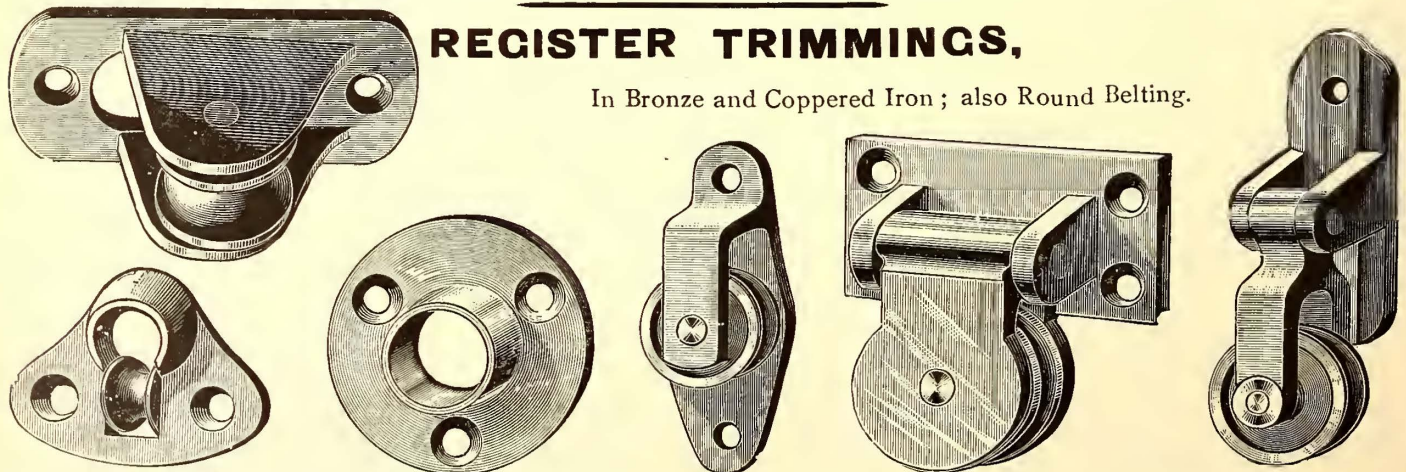
(THIS CUT IS ABOUT HALF SIZE.)

THE STANDARD

Is the best register for recording fares on street cars, because it gives two reports, one on the face and one inside, inaccessible to the conductor. The inside report is perforated on a paper dial, divided into trips, and is removed at the end of each day and compared with the returns, thus making a positive check on all who handle the fares. Our registers have been used for years all over the United States, South America, Europe and elsewhere.

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In Bronze and Coppered Iron; also Round Belting.

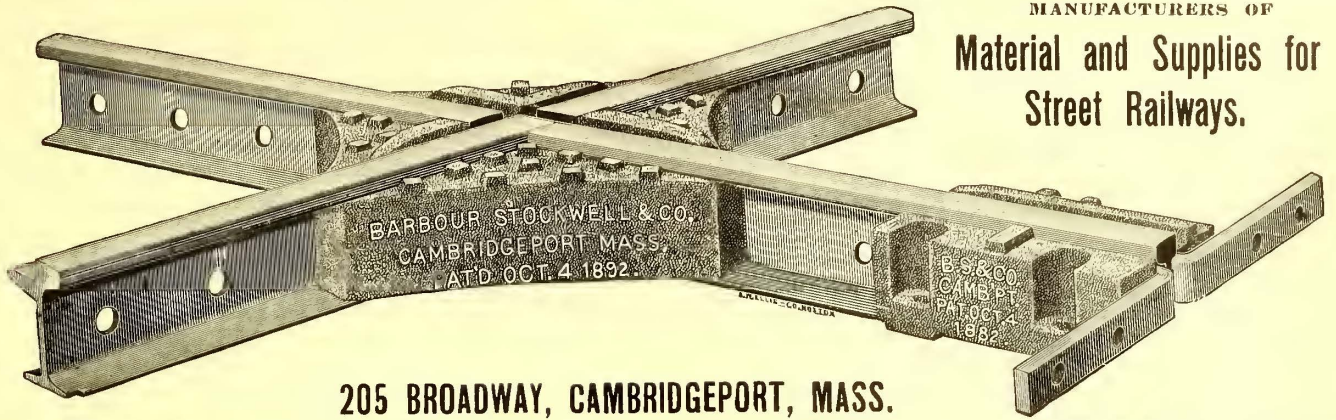


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BARBOUR, STOCKWELL COMPANY,

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Material and Supplies for
Street Railways.



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MARION, IND.

NO BOLTS.

A Perfect Suspended Joint.
Can be Used on Present
Construction as well
as New Work.

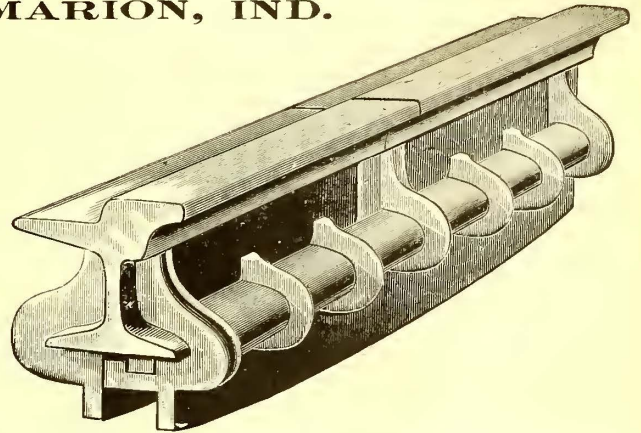
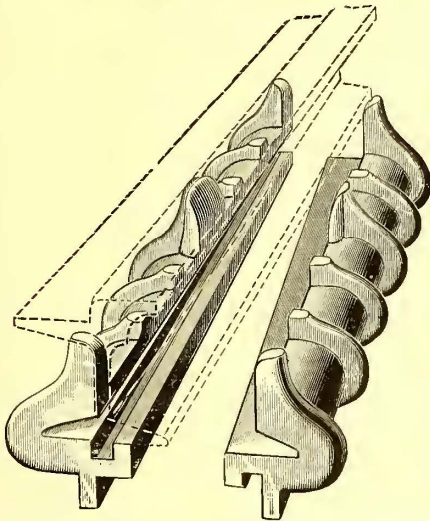
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— CUYAHOGA FALLS, OHIO, —

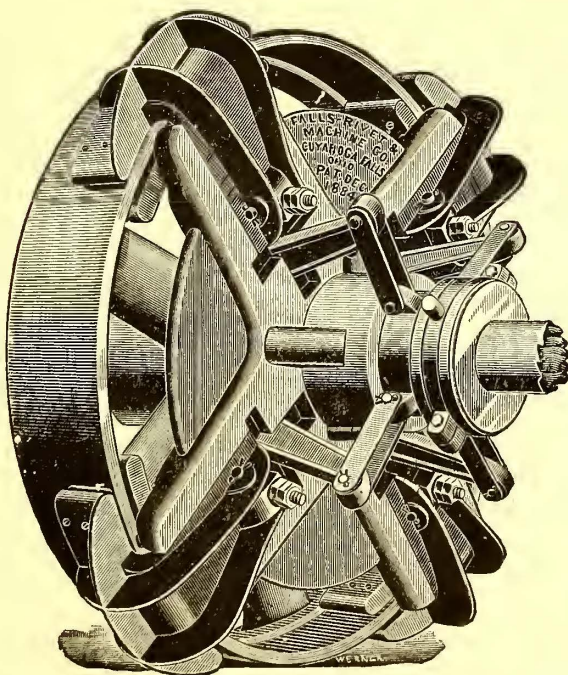
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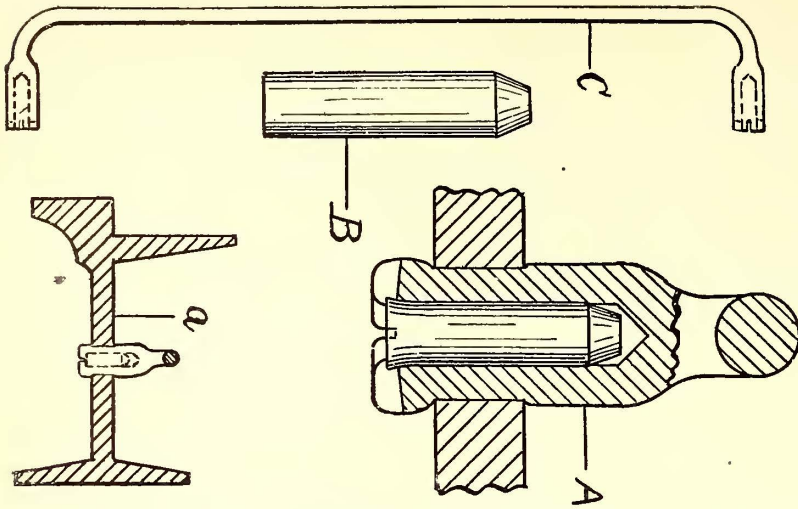


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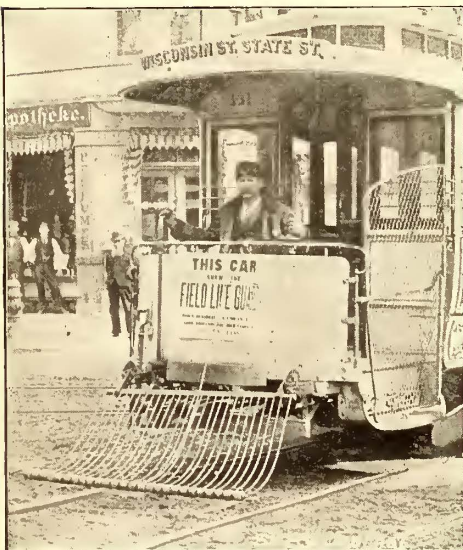
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Providence, R. I.

WM. L. HAINES, Treasurer.
430 Butler Exchange, Providence, R. I.

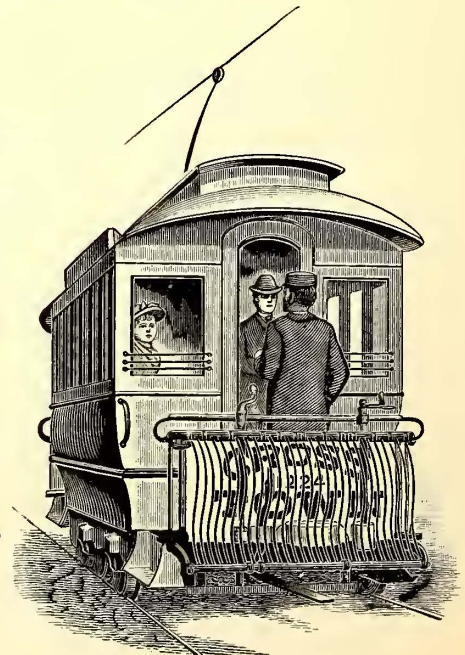
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**PERFECT
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A MISS is as good as a mile. The cold air comes within an inch of the steam pipes, but it stops there and does no harm, if the pipes are covered with **Magnesia Sections.**

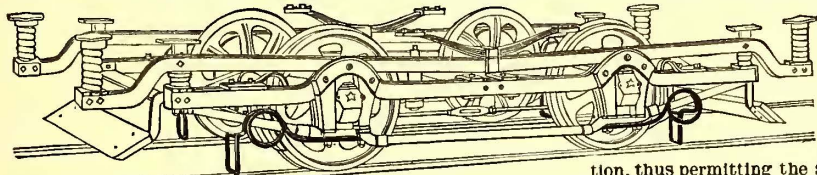


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SIMPLE, CHEAP and EFFECTIVE.

Our devices are constructed of one piece of spring steel, so designed as to be placed close above the rail and directly in front of the wheel. The bottom is formed into a loop placed oblique to the rail, thus effectually preventing any body or limb passing under the wheel, and with a tendency to remove them to the outside of the track. The coil is designed to provide, with certainty, for an ample lateral yield in case of the fender striking a fixed obstruction, thus permitting the safe running of the car. These devices can be applied without any change in the mechanism of the cars, etc., being attached by bolts now in use.

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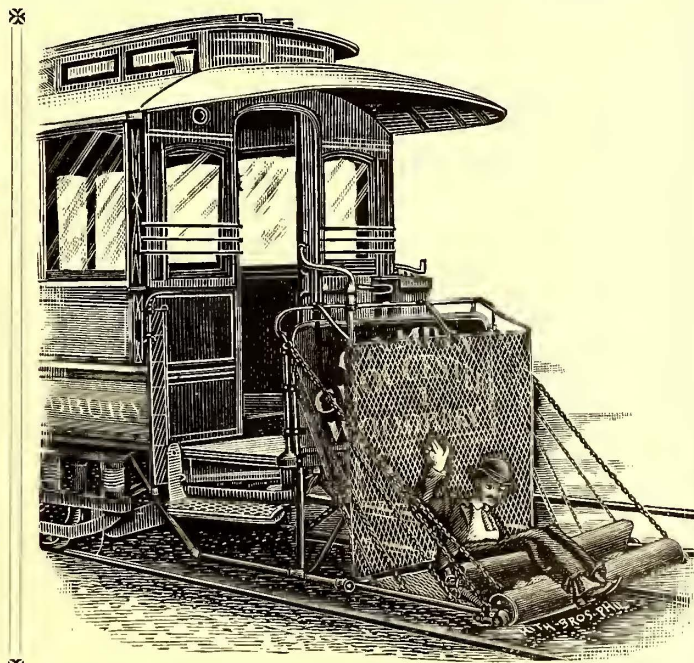
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DURABLE.



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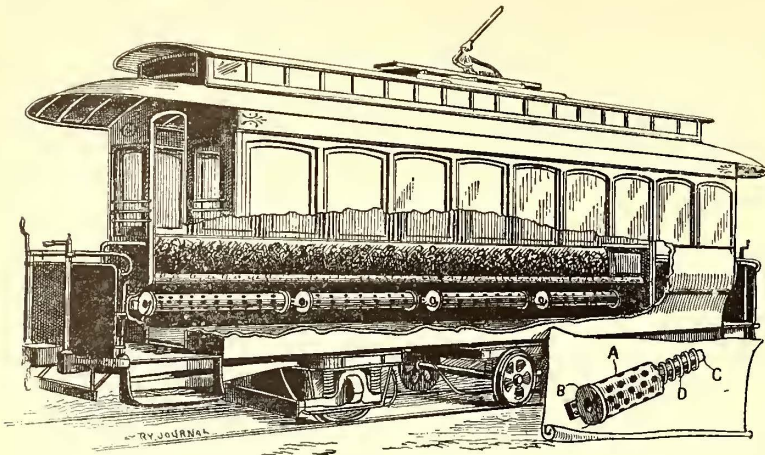
ECONOMICAL,

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ALL OF OUR TESTS HAVE BEEN MADE WITH HUMAN BEINGS.

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Guaranteed not to burn out, and safe in every particular. Correspondence solicited.

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ONE CHARGE OF COAL WILL LAST 24 HOURS,
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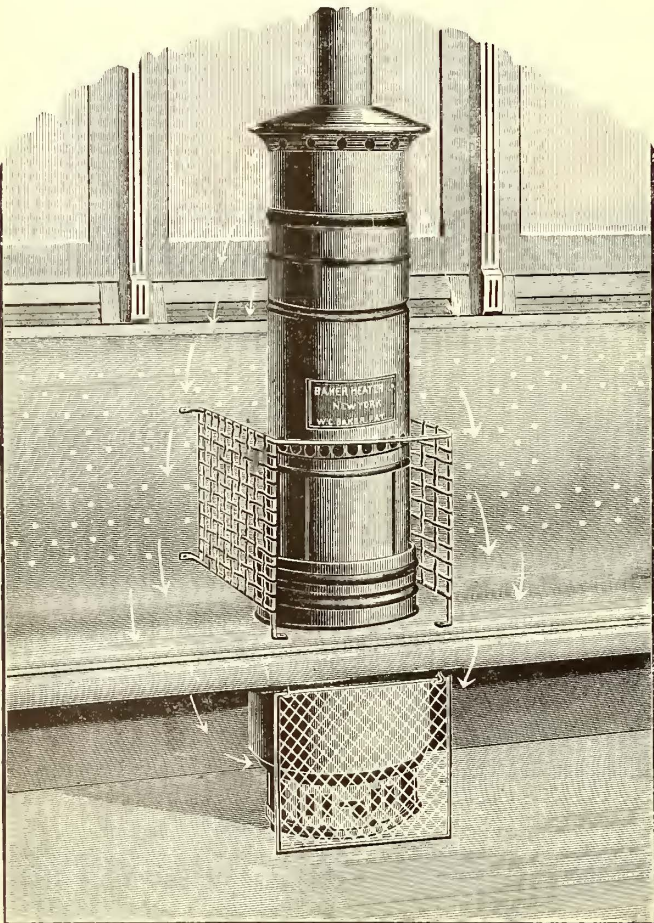
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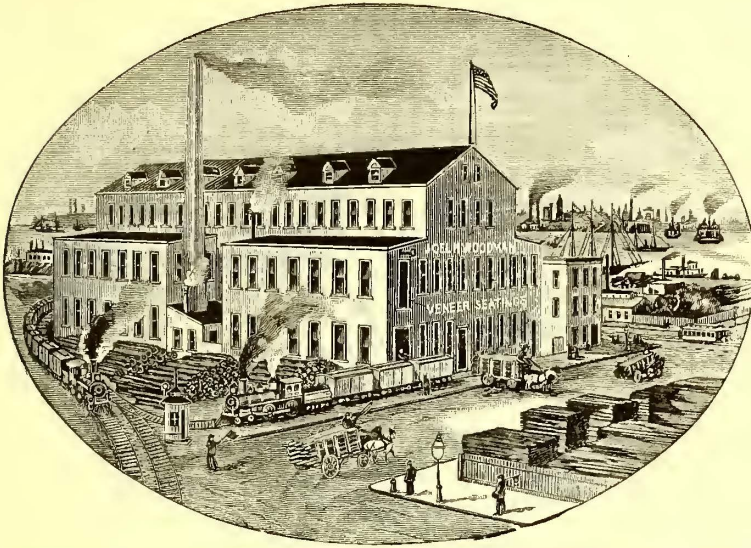
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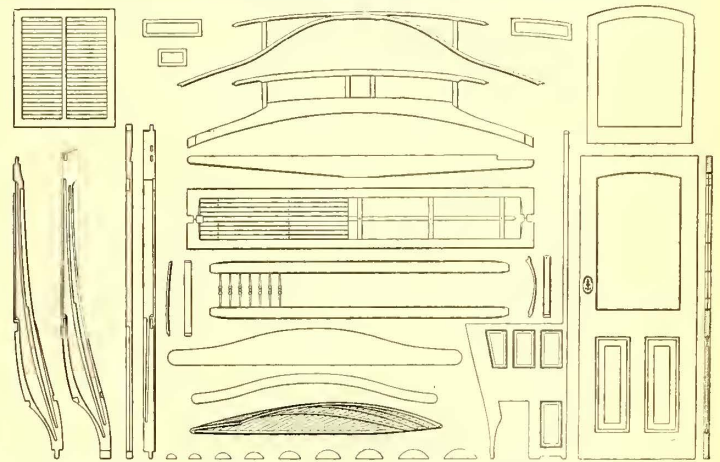
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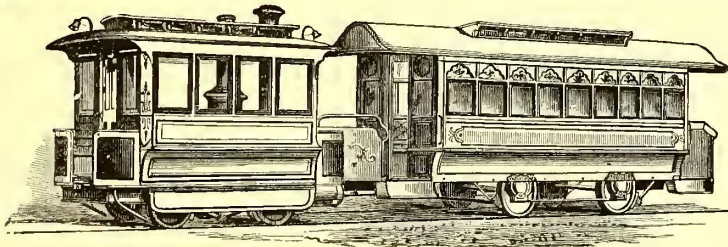
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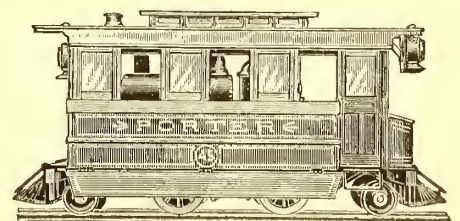
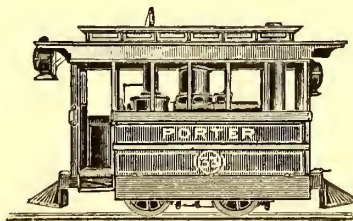
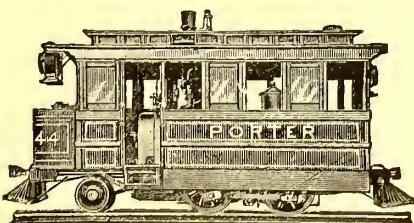
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All sizes from 6 to 14 inch cylinders, and for all gauges of track; and of different designs to suit all conditions of service. Prices quoted, with photograph and specifications for motors to do required work. These motors are noiseless, and show no smoke and no steam under usual working conditions. They are the simplest and most reliable power; and besides being free from the noise and danger of electric and cable systems, are much less expensive, requiring only ordinary rail and track, and involving no outlay for stationary plant, or objectionable overhead or underground arrangements.

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NOISELESS AND EQUAL TO STEEL.

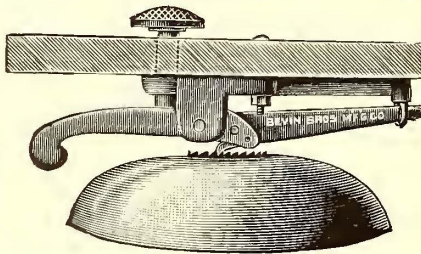
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BUILDERS OF
Electric, Cable and Street Railway
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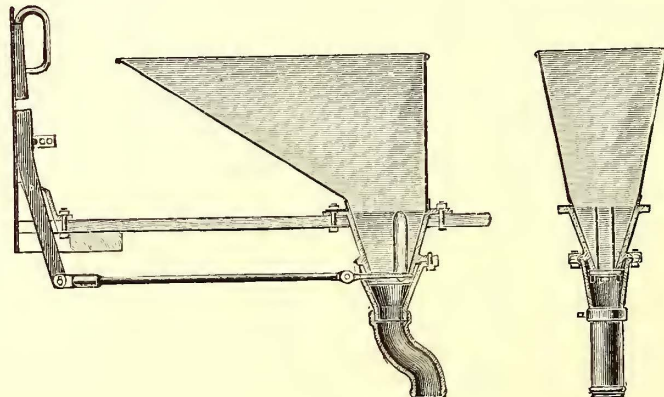
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St. Clair, Perry and Oregon Streets, Cleveland, O.

LAMOKIN CAR WORKS,

MANUFACTURERS OF STREET CARS OF EVERY DESCRIPTION.

Electric, Cable, Motor, Horse and Suburban Cars. Standard 16 ft. Horse, Open and Closed Electric Cars in Stock.

Orders for Equipment Quickly and Carefully Filled.

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Works, Lamokin, Chester, Penna.

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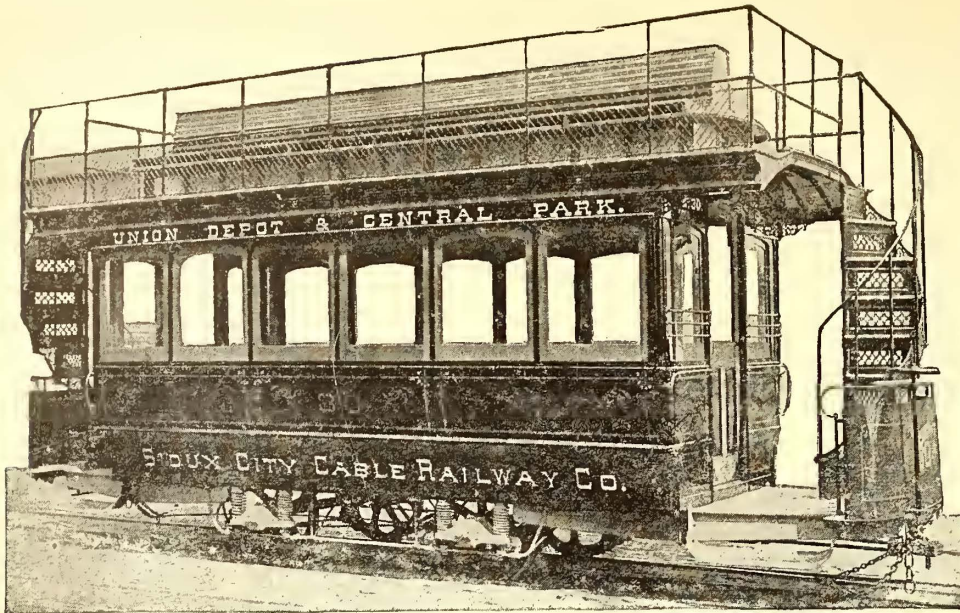
STREET CARS

Of Every Description,

HORSE, ELECTRIC OR CABLE,

28, 220 & 222

East 28th St., NEW YORK.



POWER HOUSE,
SIOUX CITY CABLE RAILWAY CO.

Christopher Moller, Supt.

SIoux CITY, Iowa, August 19th, 1892.

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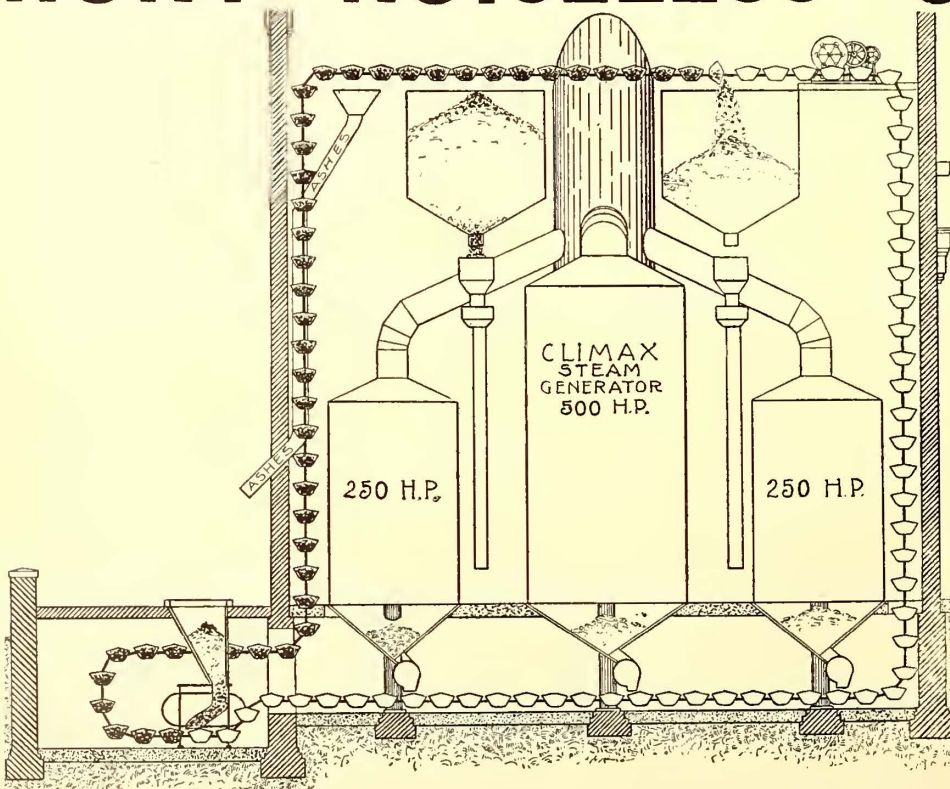
By CHRYS. MOLLER, Supt. and General Manager.

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45 BROADWAY, NEW YORK.

MANUFACTURERS OF THE

HUNT NOISELESS CONVEYOR



For HANDLING COAL AND ASHES
AT ELECTRIC LIGHT AND
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Hunt Conveyor arranged for
handling both coal and ashes at
Edison Electric Illuminating Co.'s
Third District Station, Brooklyn,
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GOOD POINTS

The *Scarritt* Street Car Seat

HAS MOST SEATING ROOM
FOR LEAST SPACE USED.

IS REVERSIBLE AND TILTING. CAN'T GET OUT OF ORDER.
SIMPLE. DURABLE.

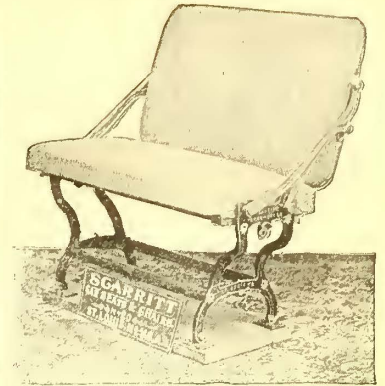
Same principles
and superior work
as

Scarritt Car Chairs & Seats

used the world
over.
Same Factory.

Seats for 38 Cars our last order. Correspondence solicited.
Figures furnished.

SCARRITT FURNITURE CO., ST. LOUIS, U. S. A.



SCARRITT STREET CAR SEAT.
Cheapest to Buy. Looks Best.

The Perfect Pressure Plate Switch.

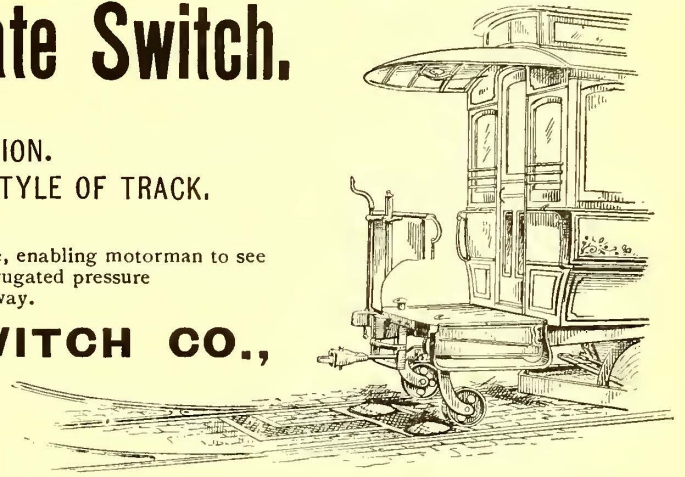
SPECIALLY DESIGNED FOR ELECTRIC ROADS.
ABSOLUTELY CERTAIN IN ITS OPERATION.
CAN BE USED ON ANY STYLE OF TRACK.
ALL PARTS INTERCHANGEABLE.

Point of switch five feet in front of car when it strikes pressure plate, enabling motorman to see that switch is turned before car passes over it. Convex corrugated pressure plates only one and one-half inches above roadway.

THE PRESSURE PLATE SWITCH CO.,

OFFICES:

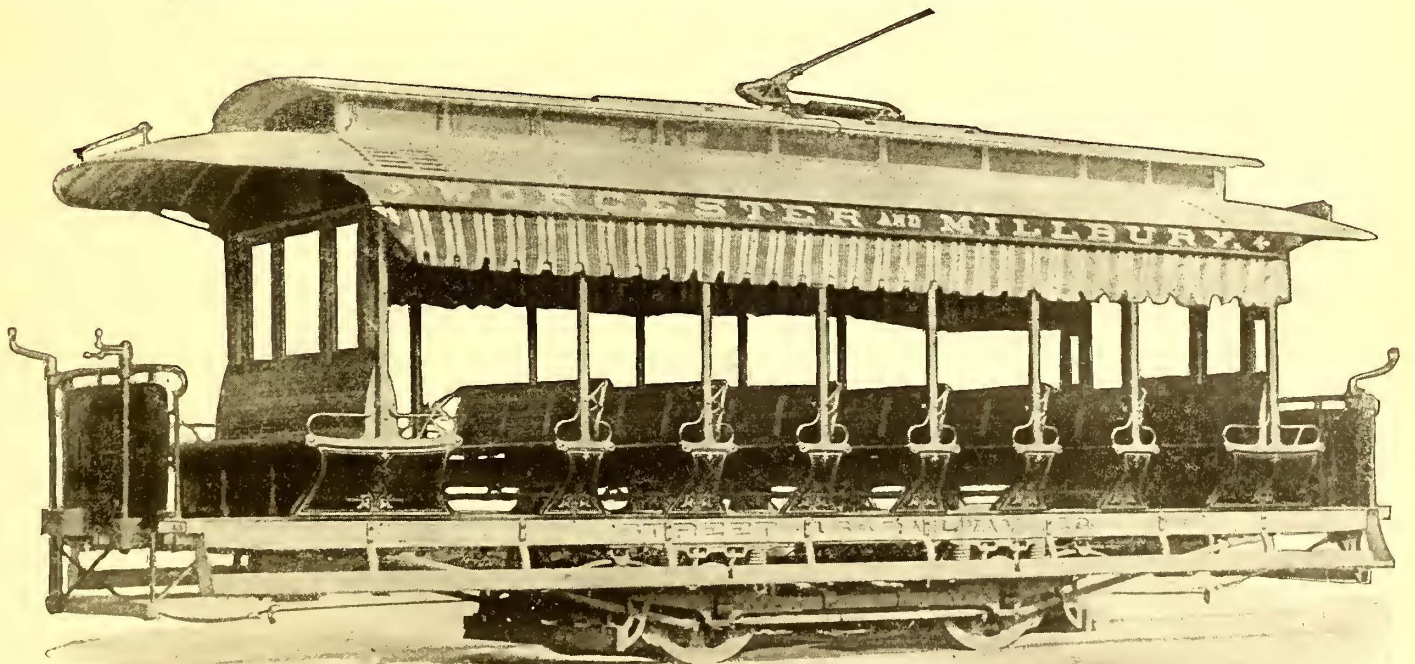
54, 56 Sanford St. & 545, 547, 549 Park Ave., Brooklyn, N.Y.
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J. B. HICKS, Manager, N. Y. Office, 10 Barclay St.



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BUILDERS OF ALL KINDS OF STREET RAILWAY CARS.

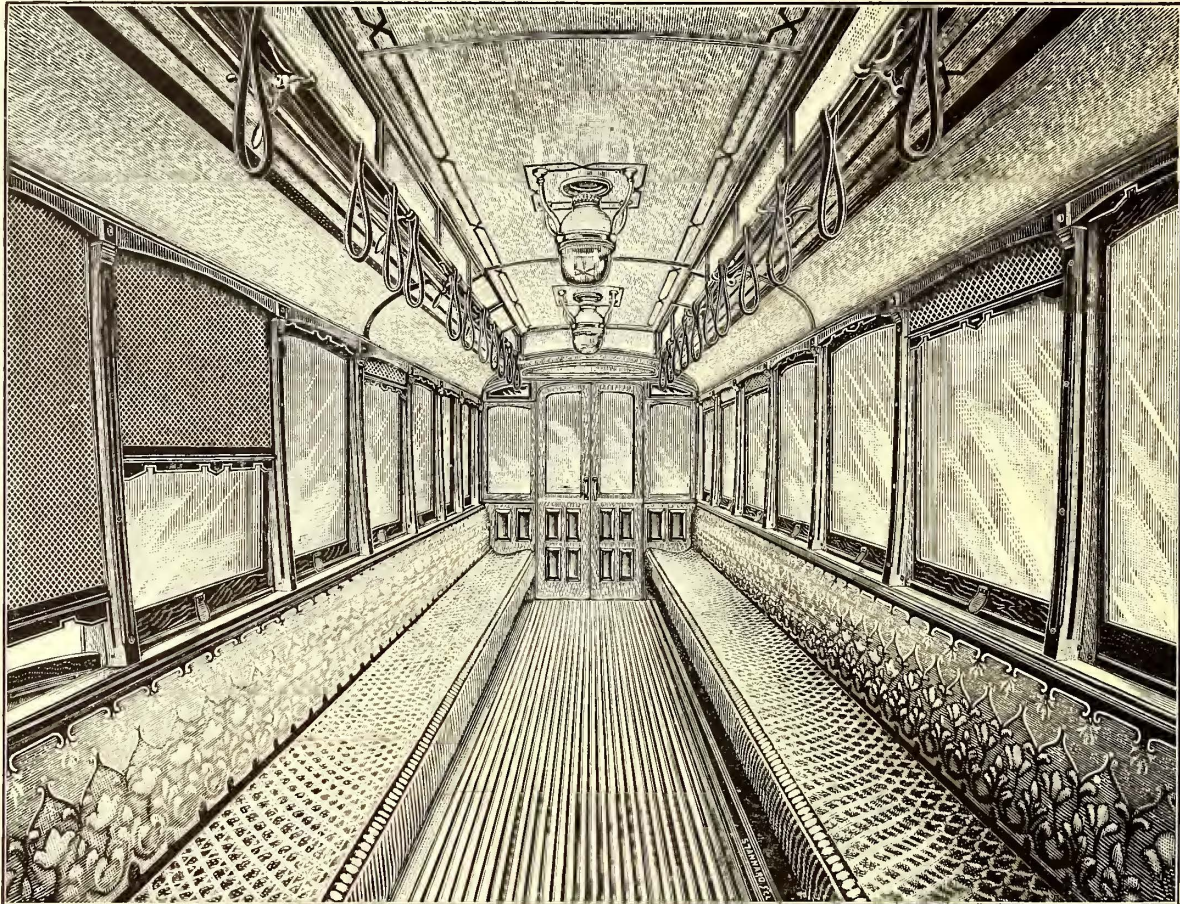


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Highest Grade Work at Reasonable Prices. Car Wood Work Done to Order. Builders of Transfer Tables and Snow Plows. Send for Prices and Photographs. Standard 20 ft. Open and Closed Electric Cars in Stock.

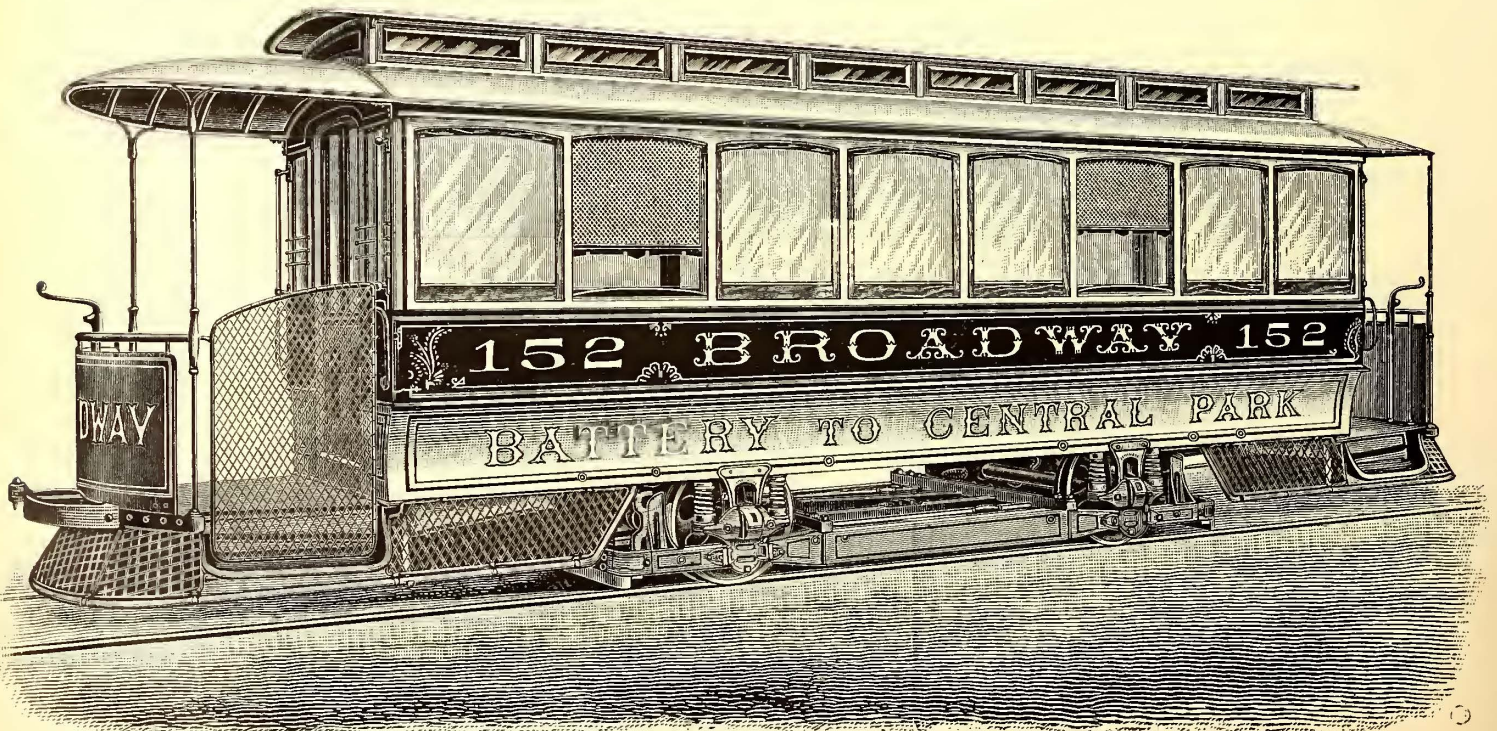
THE LACLEDE CAR CO.,

— ST. LOUIS, MO. —



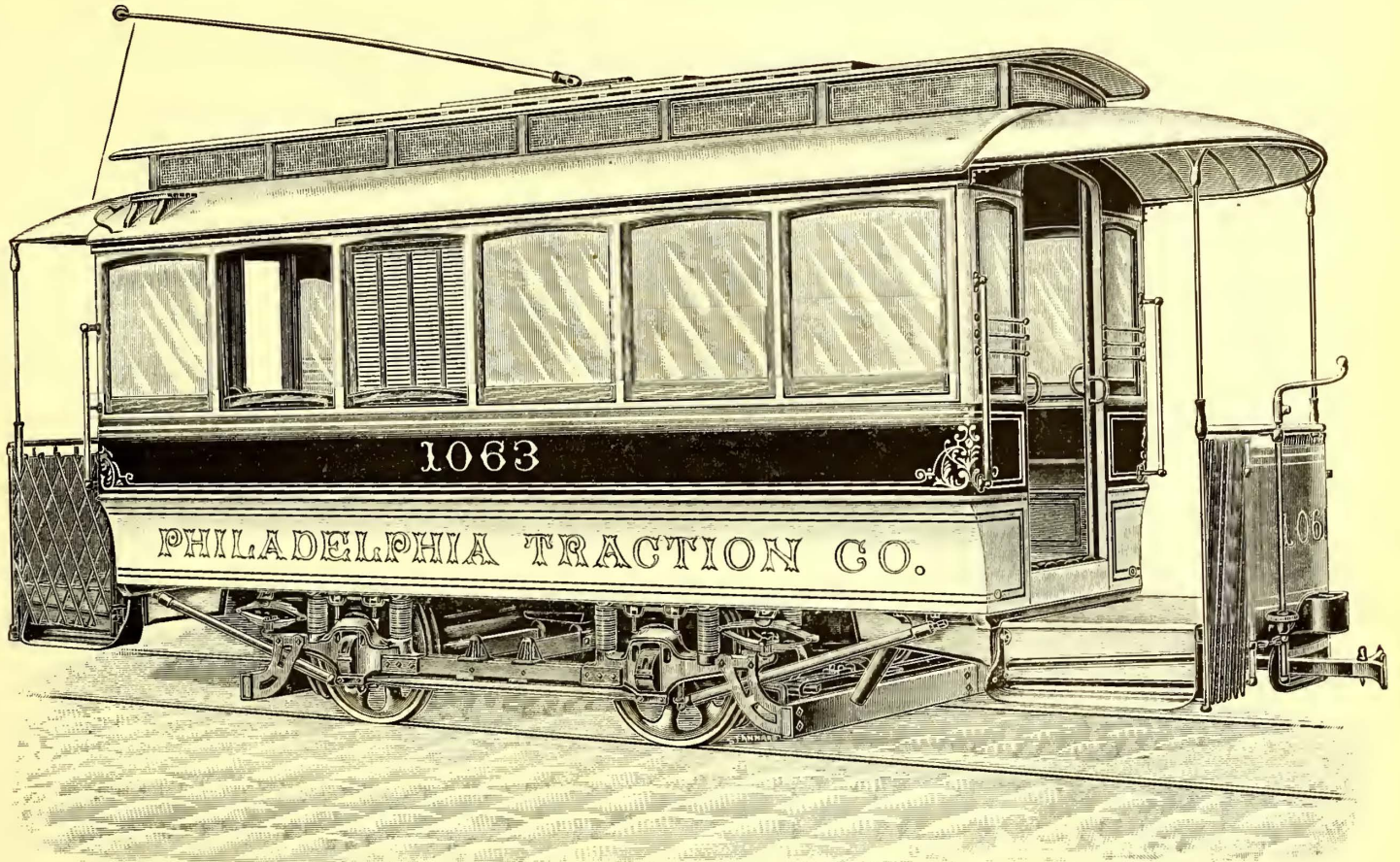
INTERIOR OF CAR BUILT FOR THE BROADWAY CABLE LINE, NEW YORK CITY.

Builders of Street Cars of Every Description.



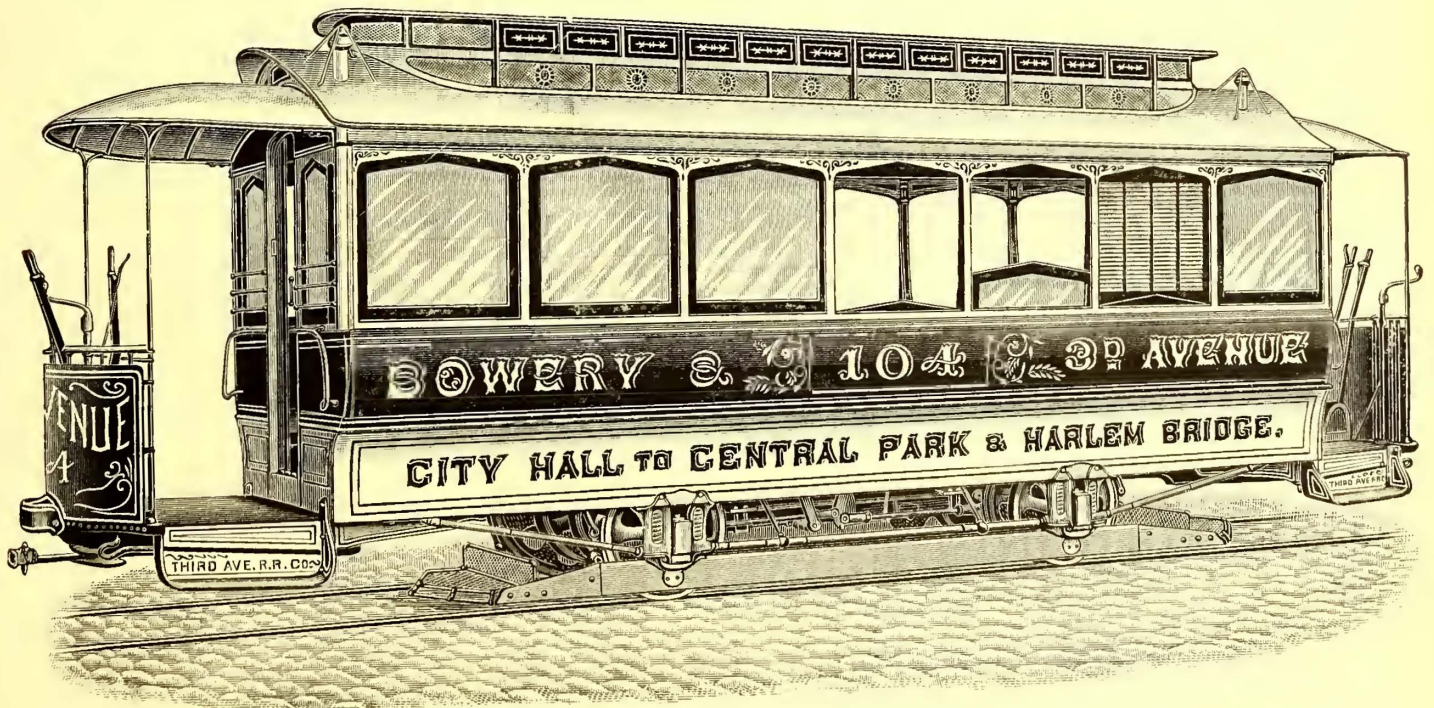
THIS CUT REPRESENTS ONE OF THE CARS BUILT FOR THE BROADWAY CABLE LINE OF NEW YORK CITY.

The Laclede Car Co., ST. LOUIS, MO.



PHILADELPHIA CLOSED CAR.

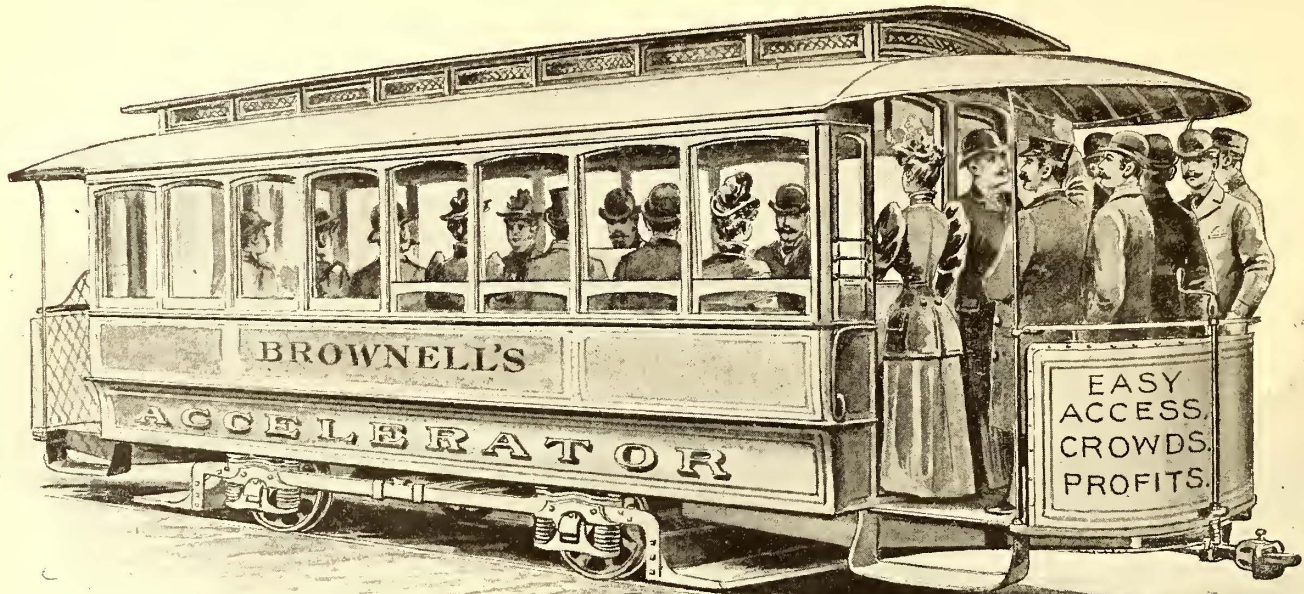
Builders of Street Cars of Every Description.



THIS CUT REPRESENTS ONE OF THE 200 CARS BUILT FOR THE THIRD AVENUE R. R. CO., OF NEW YORK CITY.

BROWNELL'S ACCELERATOR.

PATENTED NOV. 1891, AUG. 23, 1892, AUG. 23, 1892, NOV. 29, 1892.



SOME OF THE ADVANTAGES OF THE "ACCELERATOR CAR" OVER EVERY AND ANY OTHER STYLE.

Ladies can enter or leave this car without annoyance when platforms are crowded with smokers and others.

Gentlemen riding on platforms are not required to change their position or step down into a muddy street every time a passenger enters or leaves the car.

Passengers standing on platforms are not continually crushed and jostled by conductors or others passing through doorway.

Carrying capacity of platforms and car increased to the advantage of those anxious to ride and who otherwise would have "to wait for the next car."

Conductor's position at end of platform next to step, where he can do the most good, instead of in center where he can do the least, is such he can readily see persons who want to get on or off; assist them if needed, and often prevent serious accidents. He is not crowded nor hindered in his duties by the passengers.

Rapid transit is secured because passengers can enter and leave car quicker and safer.

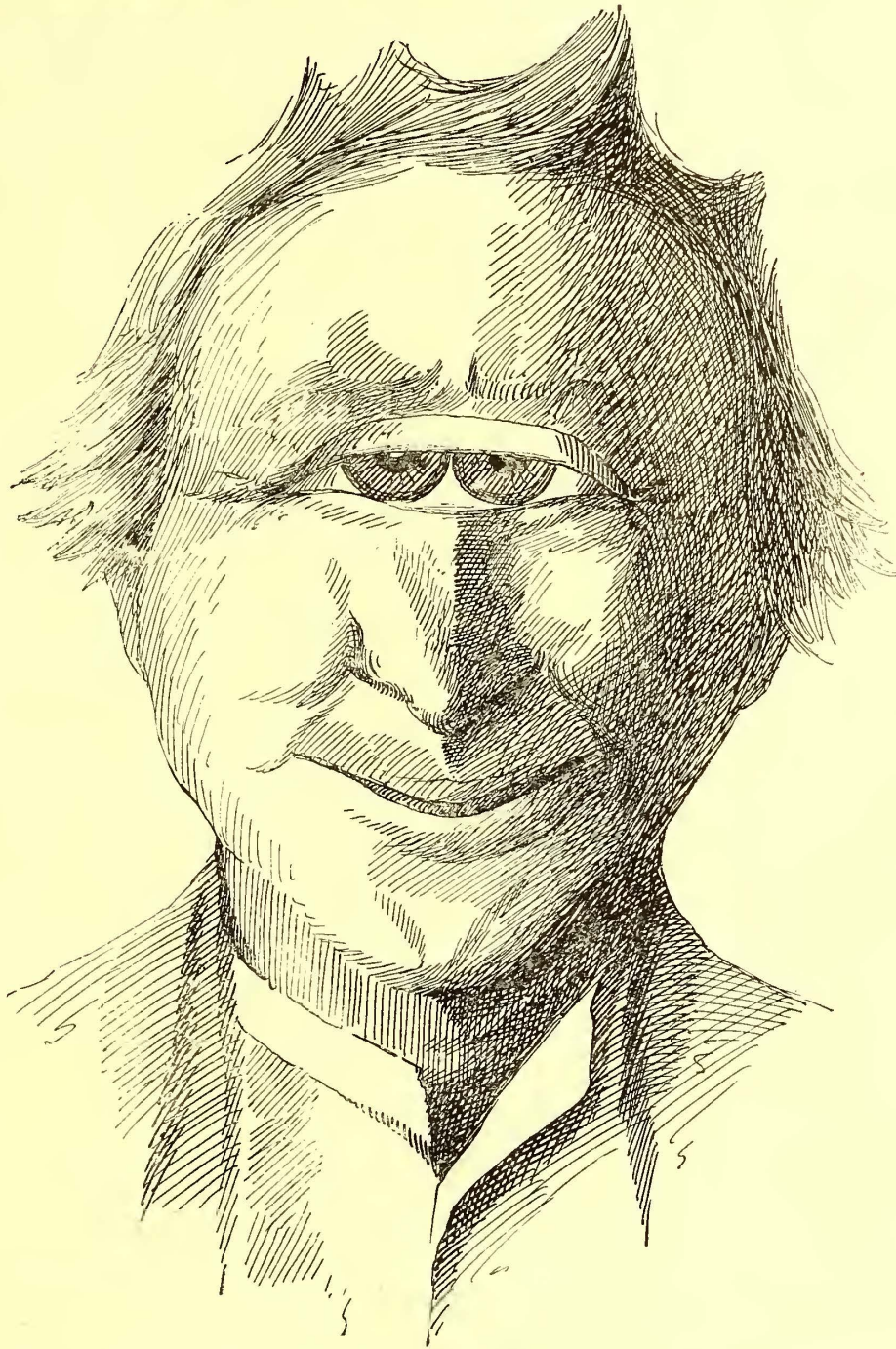
The public appreciate these advantages.

BROWNELL CAR CO.,

ST. LOUIS, MO.

TO STREET RAILWAY MEN

IT IS
HARD
TO
EXCEL
THE
BEST.



TALK
WILL
NOT
ALONE
DO IT.

DON'T BE DECEIVED.

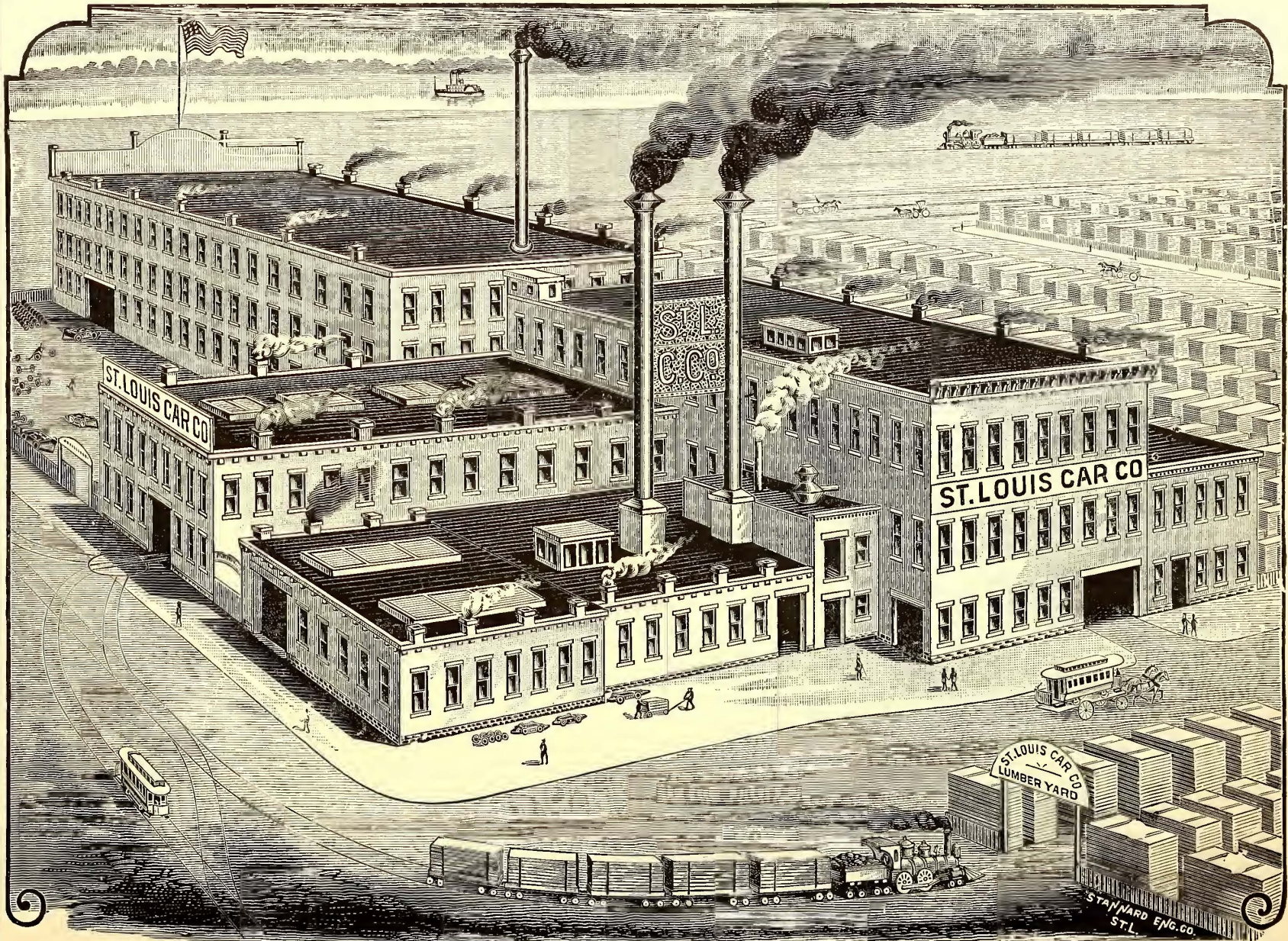
Twin eyes in one socket will not serve the same purpose as separate eyes in separate sockets.

This is also true of car doors.

SEE OPPOSITE PAGE.

BROWNELL CAR COMPANY, ST. LOUIS, MO.

The Largest and Most Complete Street Car Factory in the World.



EASTERN AGENTS:

EDMUND D. SMITH & CO.,
208 S. 4th St., Philadelphia, Pa.

PERSPECTIVE VIEW OF THE NEW WORKS OF THE ST. LOUIS CAR CO.

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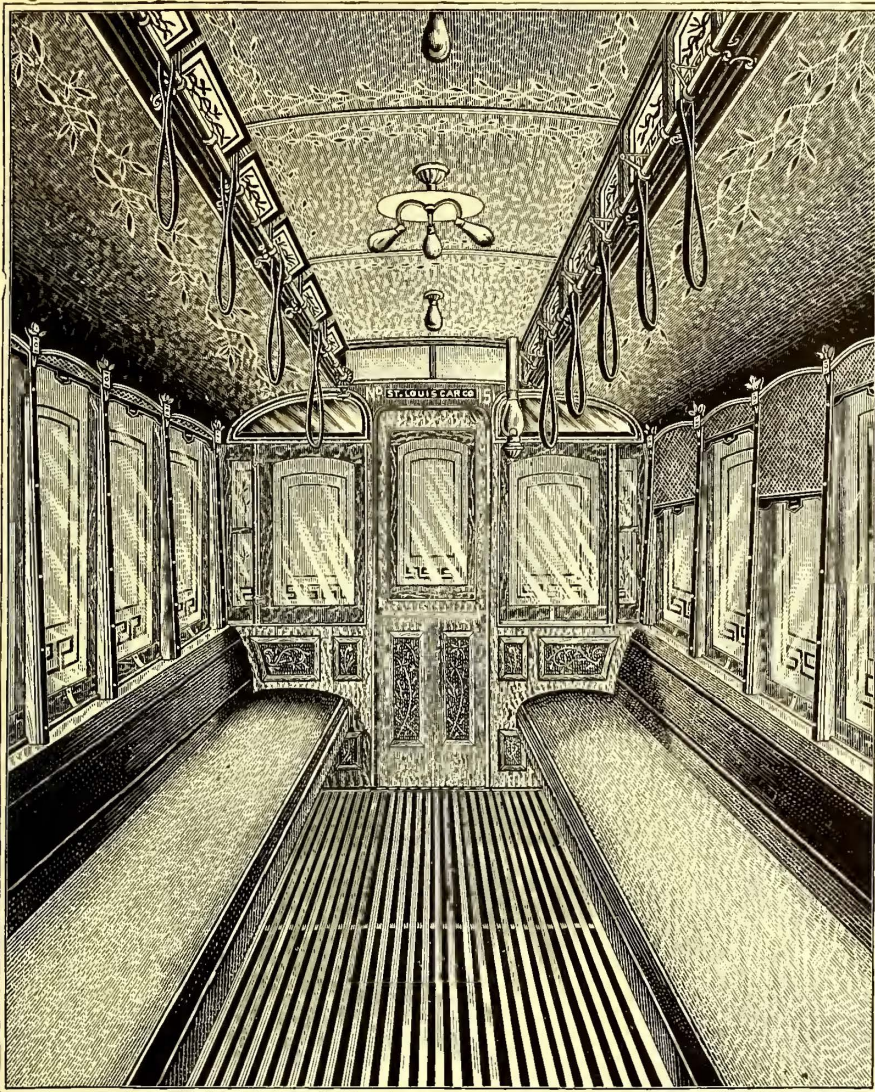
Manufacturers of all kinds of

MOTOR CARS, ELECTRIC CARS AND TRUCKS

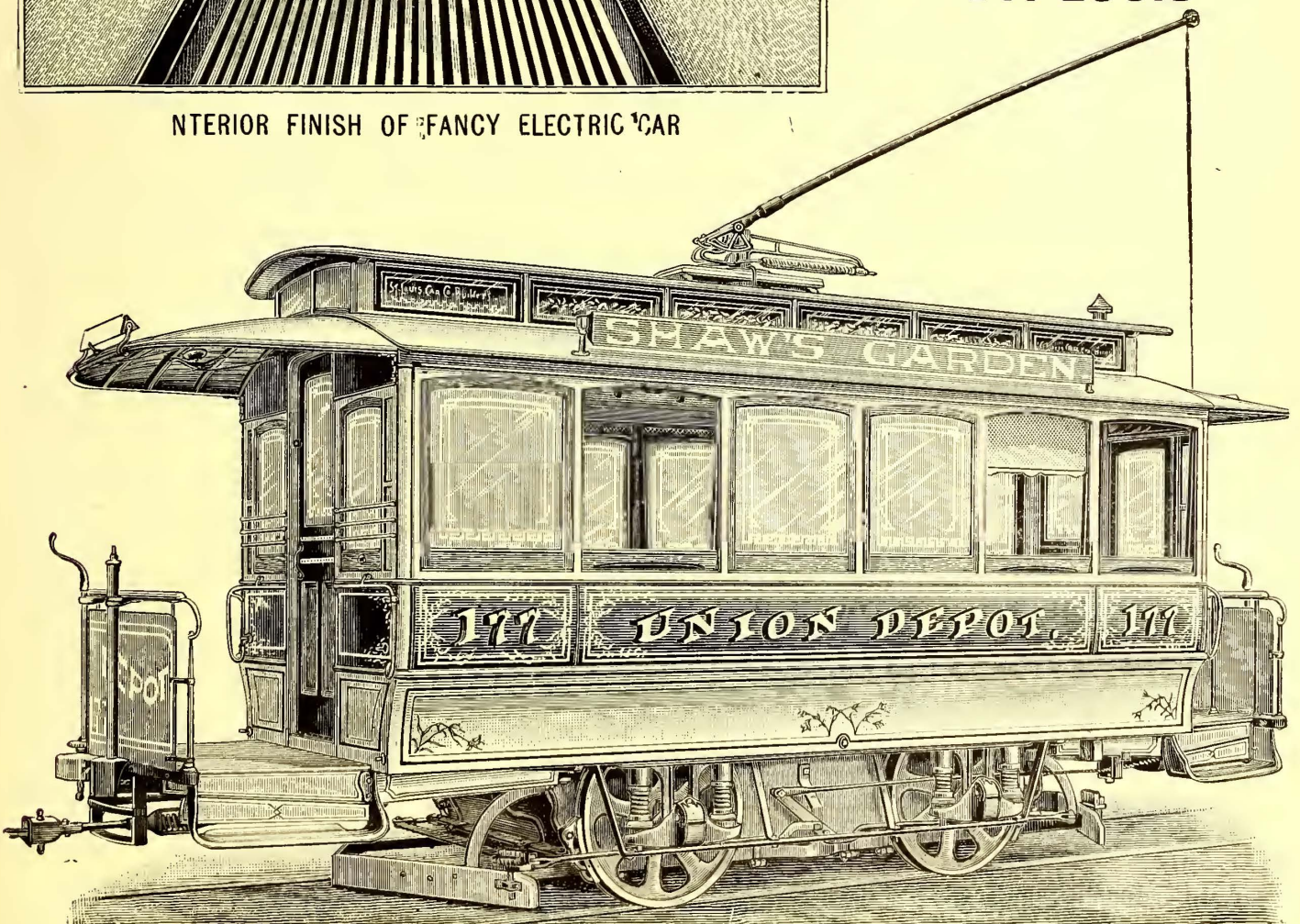
A SPECIALTY.

OFFICE:

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INTERIOR FINISH OF FANCY ELECTRIC CAR



16 FOOT CLOSED CAR MOUNTED ON PATENT ENCLOSED ELECTRIC TRUCK.

AMERICAN CAR CO.

WM. SUTTON, President.
EMIL ALEXANDER, Secretary.

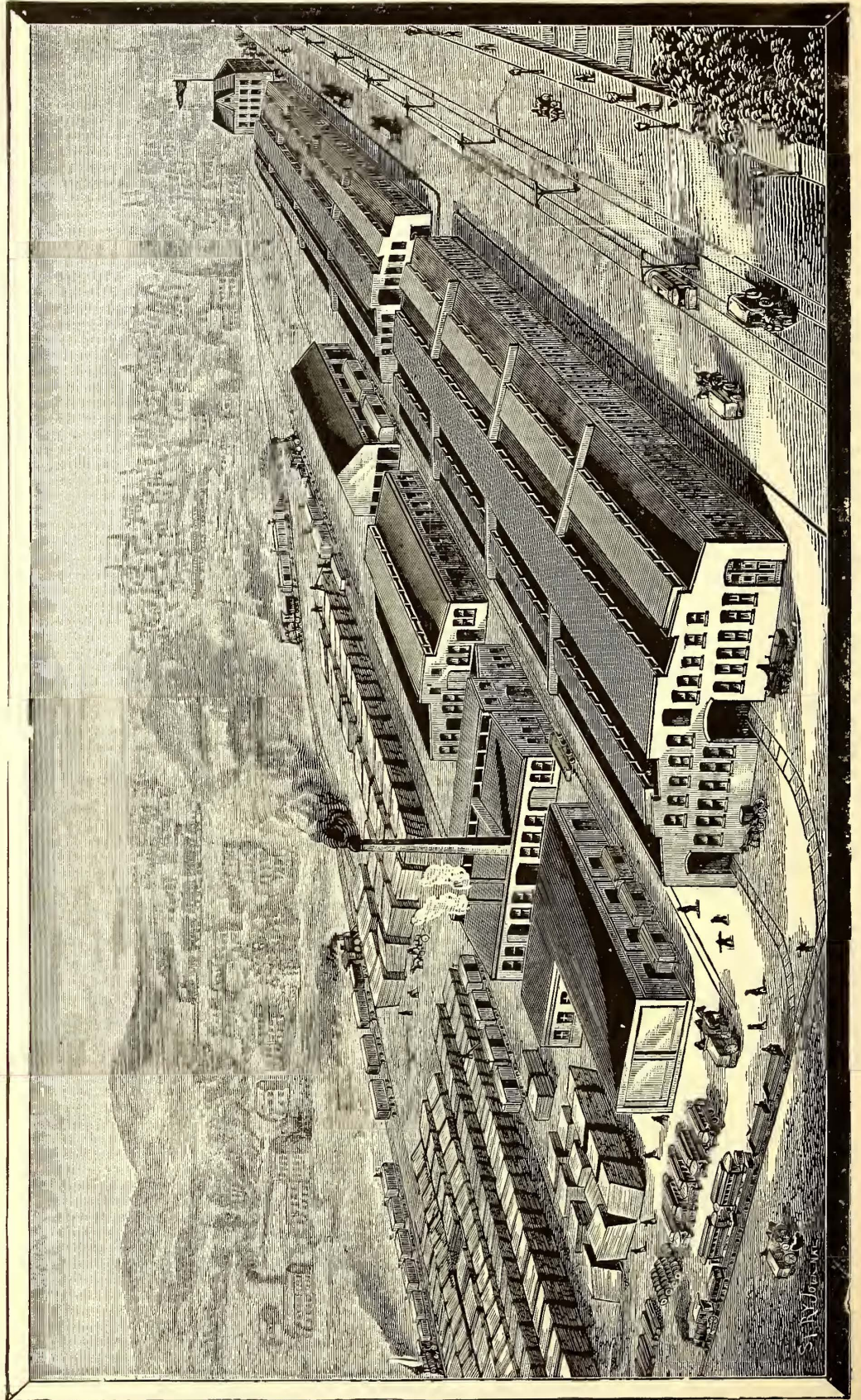
STRICTLY
HIGH CLASS
ELECTRIC,
CABLE AND
HORSE
CARS

FOR
Early Delivery

Extensive Shops.

New Machinery.

Correspondence Invited.

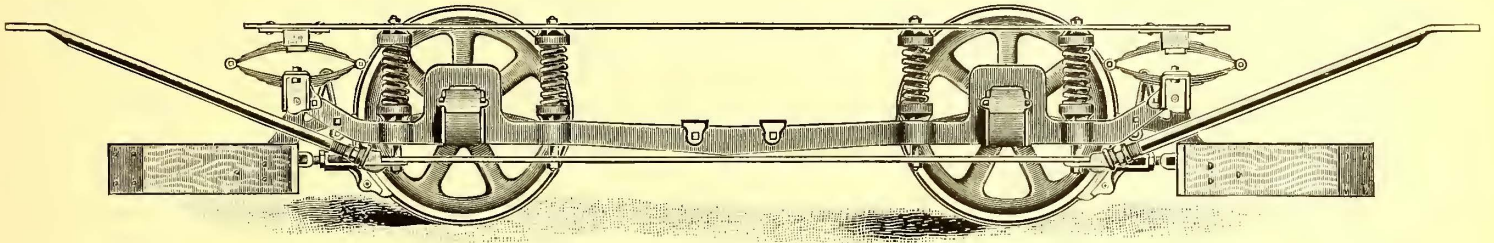


Works, Old Manchester Road, near Tower Grove Ave.

626 CHESTNUT ST., ST. LOUIS, MO.

THE DORNER & DUTTON MFG. CO.

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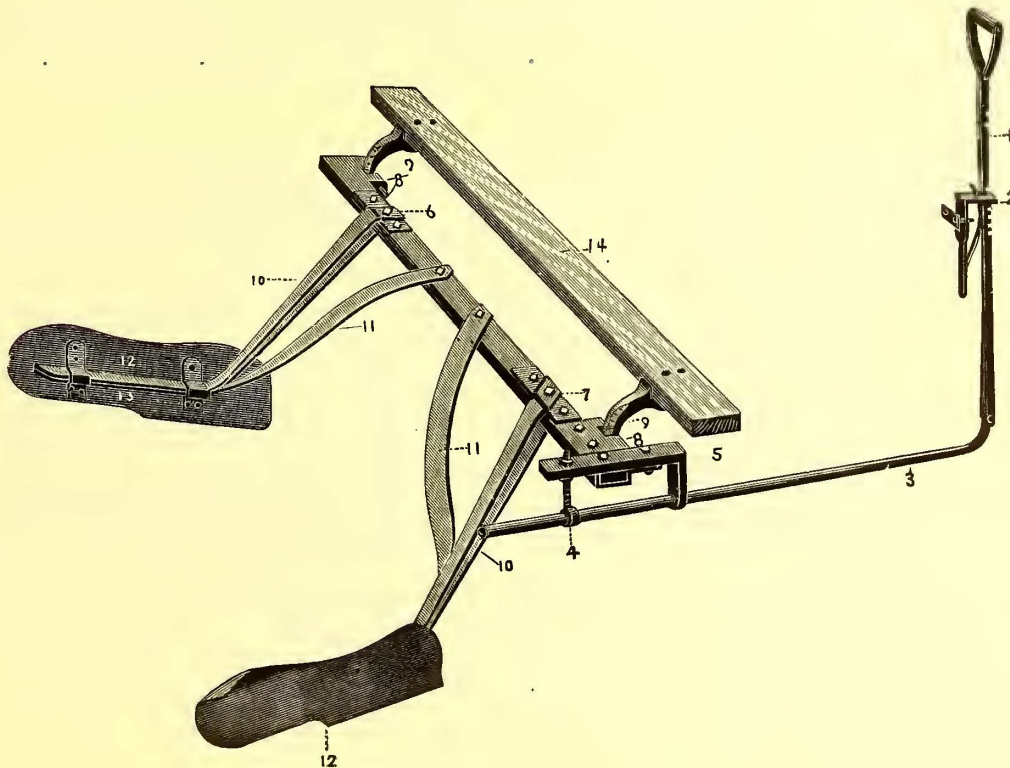
— OUR —

SOLID FORCED MOTOR TRUCK

No. 25 C.

OUR SUPERIORITY IS PROVEN BY OUR BEING IMITATED.

OUR TRACK CLEANERS ARE NOW BEING USED ON MOST OF THE ELECTRIC RAILROADS IN THE UNITED STATES AND CANADA.



They are the ONLY CLEANERS that provide for light or heavy pressure of the shovels, necessary to remove snow, ice or mud from the rails. Over 5,000 sets in use on Electric and Horse Railroads.

TRACK CLEANERS,

READY TO ATTACH TO CAR.

Pullman's Palace Car Co.,

Manufacturers
of

Make a Specialty of

RAIL-
ROAD

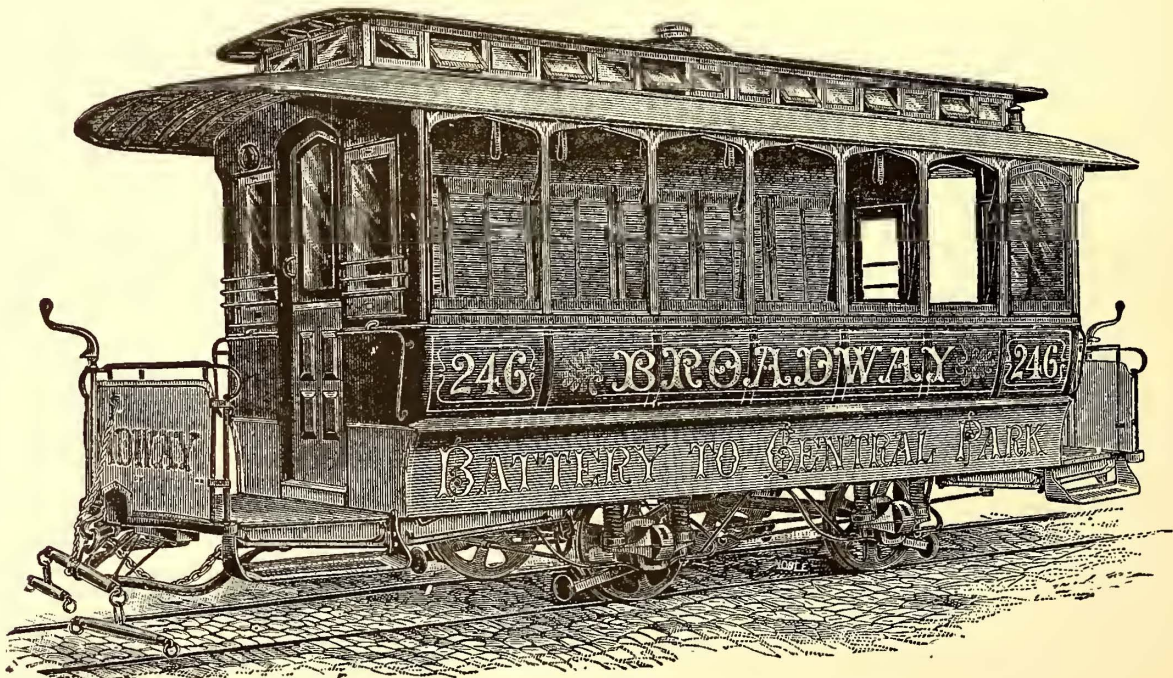
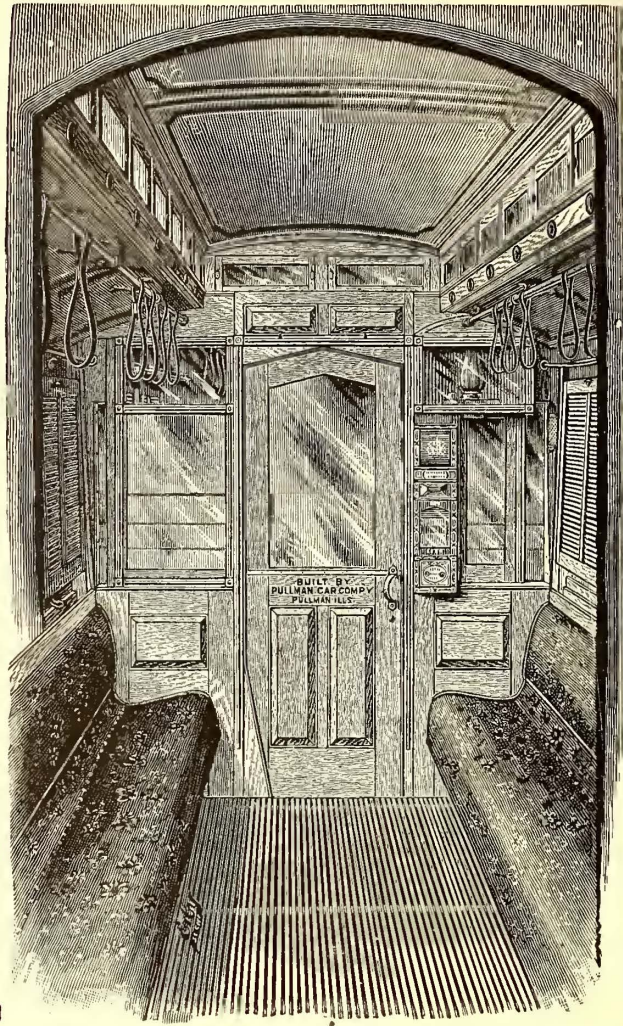
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CARS.

CARS.

Pullman, Illinois.

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THE ELLIS CAR CO., AMESBURY, MASS.

BUILDERS OF

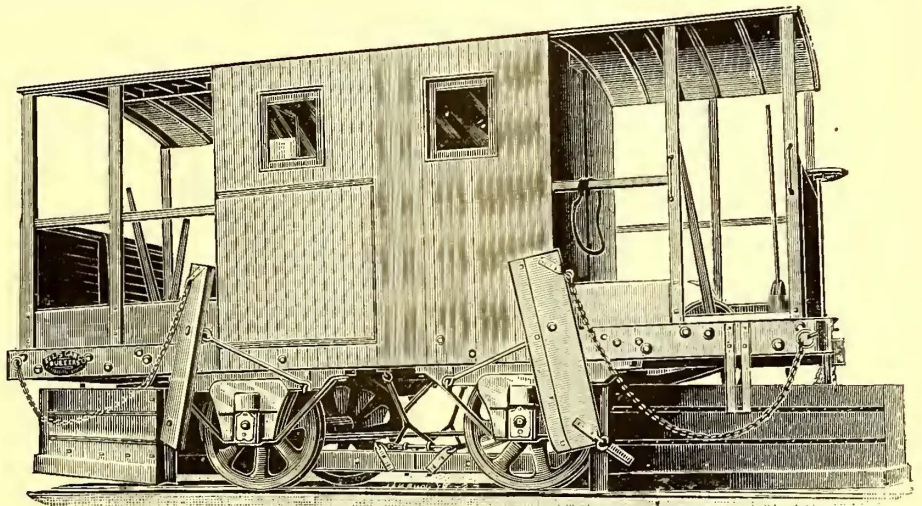
Street Railway Cars

—AND—

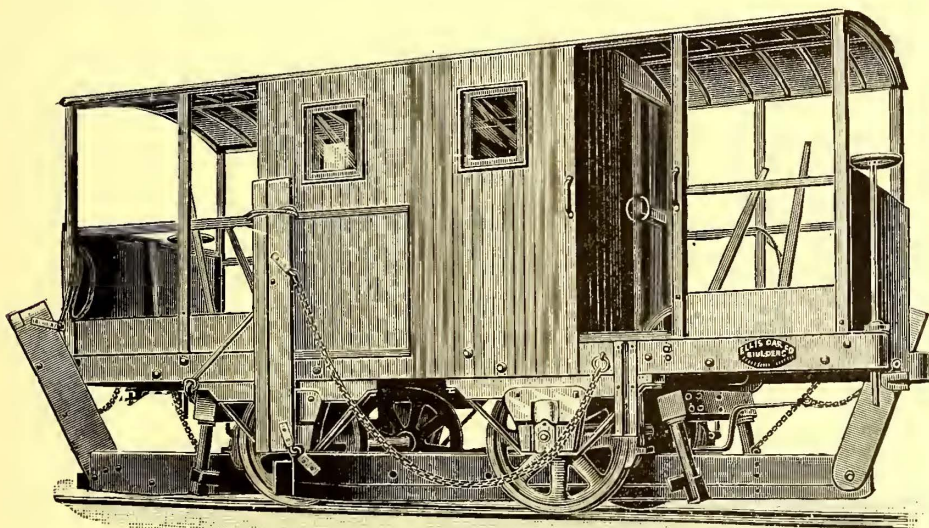
Electric Snow Plows

Electric Nose Plow.

SPECIALLY DESIGNED FOR
SINGLE TRACK
WORK.



WE FURNISH SNOW PLOWS COMPLETE



Electric Shear Plow.

SPECIALLY DESIGNED FOR
DOUBLE OR SINGLE
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We have in stock five 16-ft. and five 19-ft. closed cars, ready for painting, which can be delivered on ten days' notice. We also have on hand one 25-ft. closed car.

Call on us or write, and we will send a representative to talk with you.

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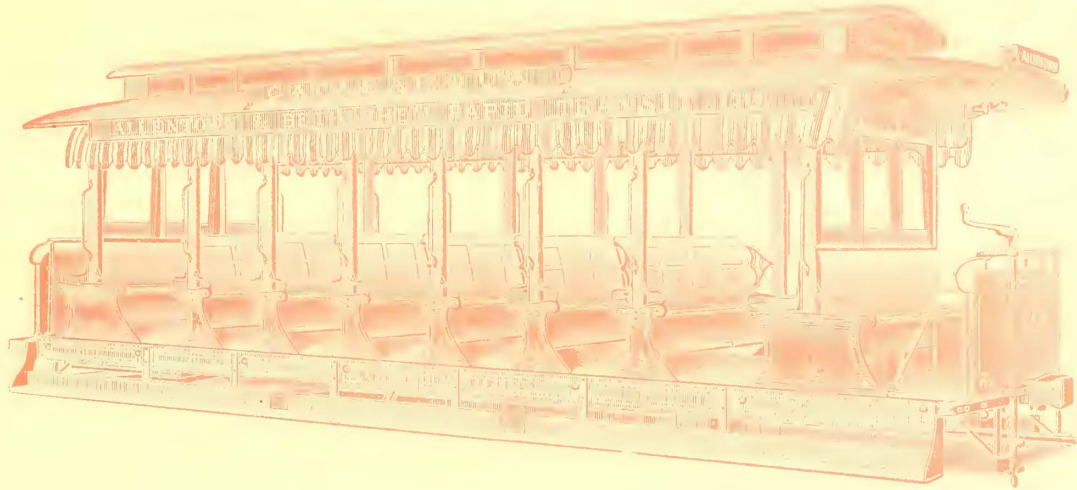
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Electric Car Bodies

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We can furnish from stock at short notice, 40, 45 and 50 passenger open or closed end car bodies.

WE MAKE A SPECIALTY OF TRAILER CARS.

Write for particulars and prices.



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Estimates Furnished on Buyer's Specifications.

LEWIS & FOWLER MFG. CO.

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STREET RAILWAY CARS

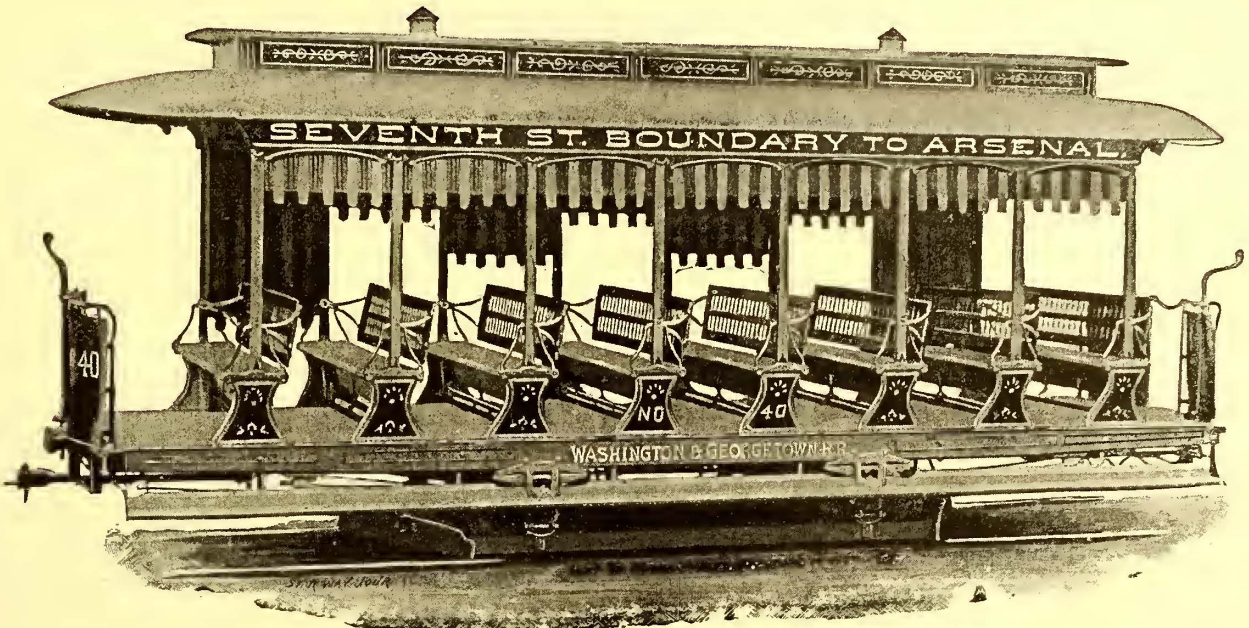
— FOR —

ELECTRIC OR OTHER MOTIVE POWER.

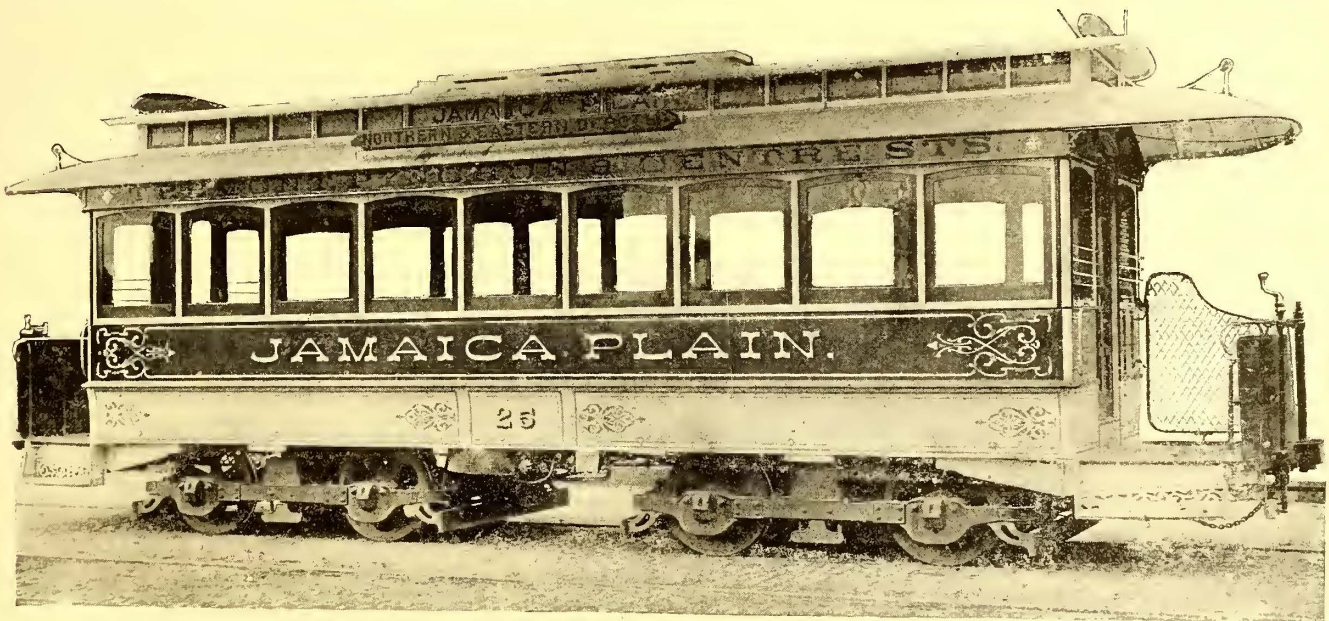
—ESTABLISHED 1839.—

J. M. JONES' SONS.

STREET RAILWAY } WEST TROY, N. Y.
CAR BUILDERS, }



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PRICES AS LOW AS THE BEST OF MATERIALS AND
SKILLED LABOR WILL WARRANT.

— REPAIR : SUPPLIES : AT : COST. —

NEW
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CARS
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RAILWAY
SUPPLIES

EXPERIENCED
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Electric Snow Sweepers.

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RECEIVED THE HIGHEST AWARD AT THE WORLD'S COLUMBIAN EXPOSITION.

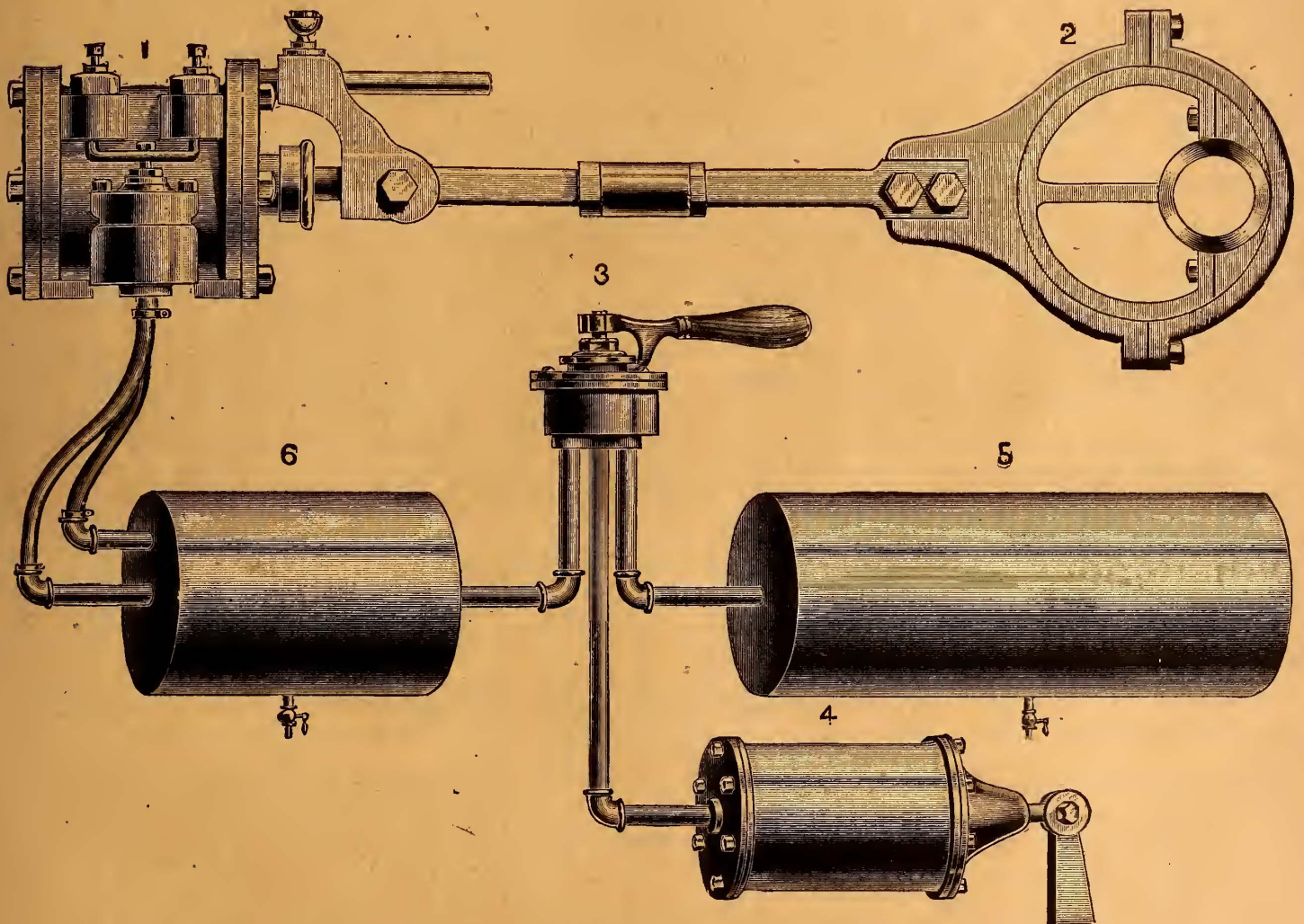
The only reliable and economical brake adapted for all kinds of **Trolley and Cable Cars**, with and without trailers. Trailers broken up from motor car. Cars instantly stopped or slowed down as required, regardless of speed. A boon for motormen. Efficient service and economy secured.

ACCIDENTS REDUCED TO A MINIMUM.

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WE GUARANTEE THE GENETT AIR BRAKE AND EVERY CLAIM WE MAKE FOR IT.

It is manufactured under our own supervision. Every part thoroughly tested.

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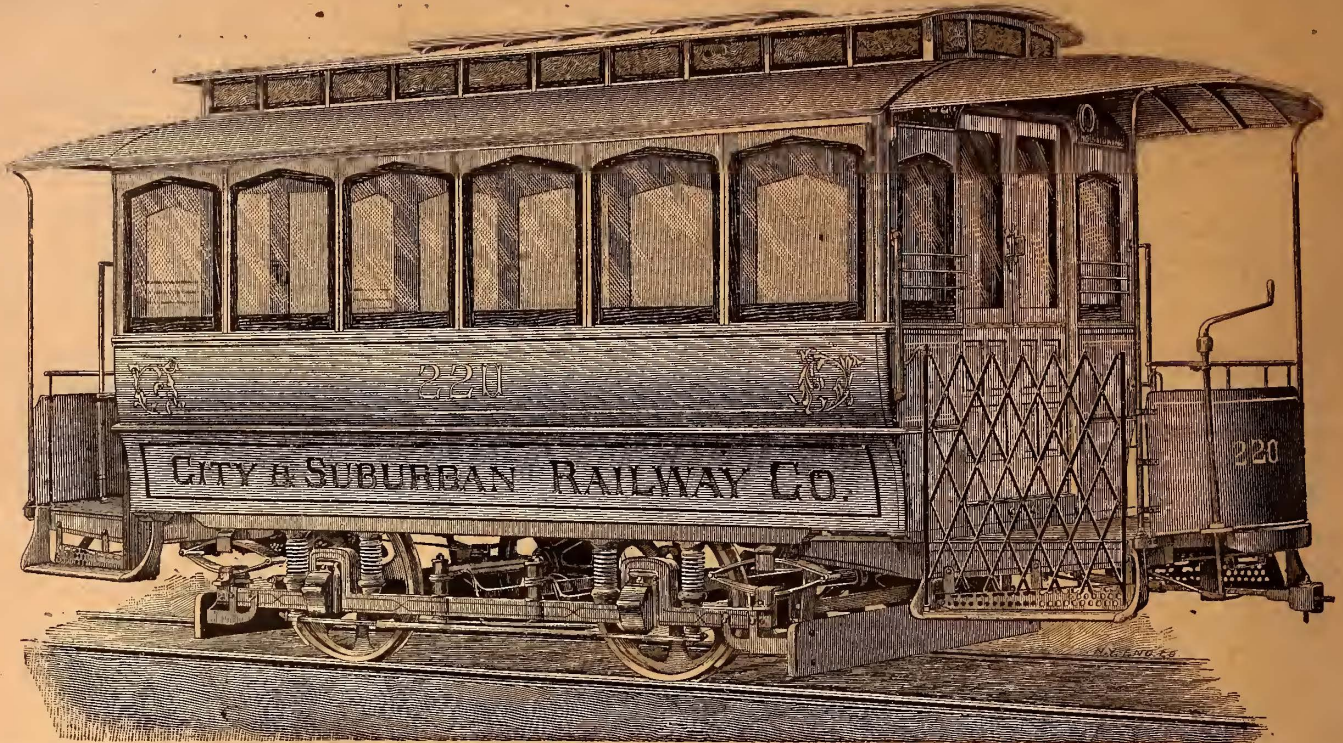
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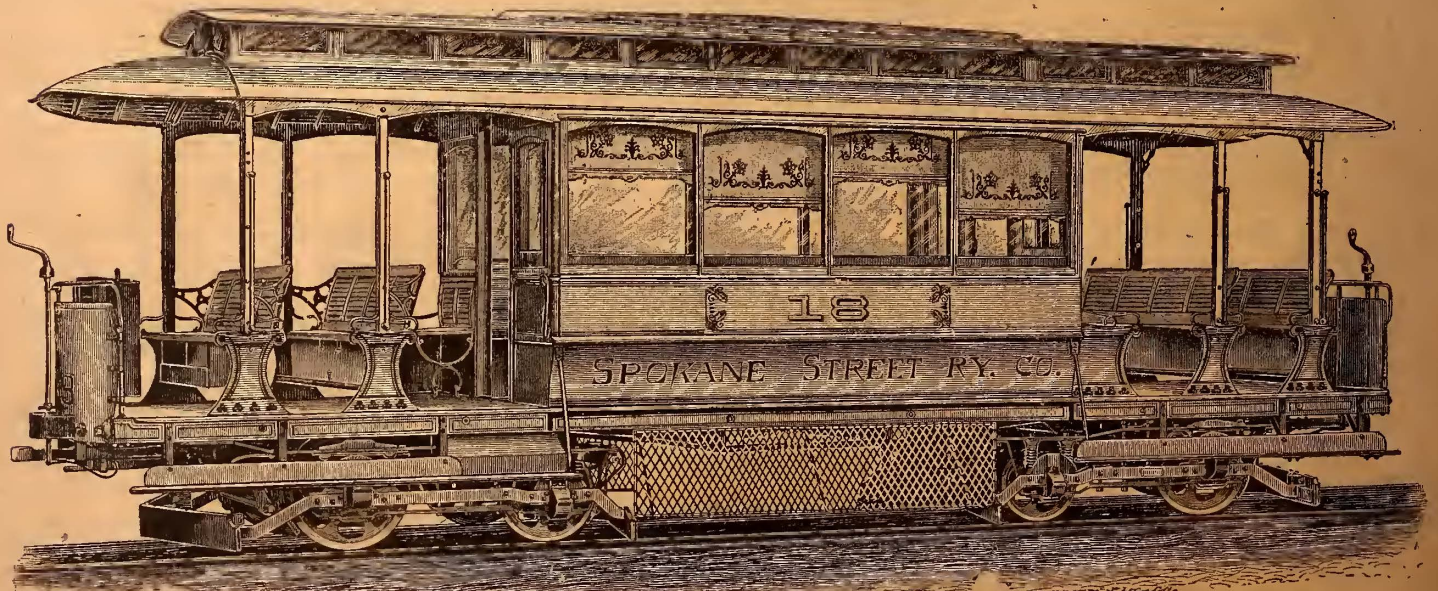
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16 ft. Electric Motor Car Body, Mounted on Brill No. 21 Truck.

RAILWAY AND TRAMWAY CARS OF ALL DESCRIPTIONS.

ELECTRIC SNOW PLOWS AND SWEEPERS.



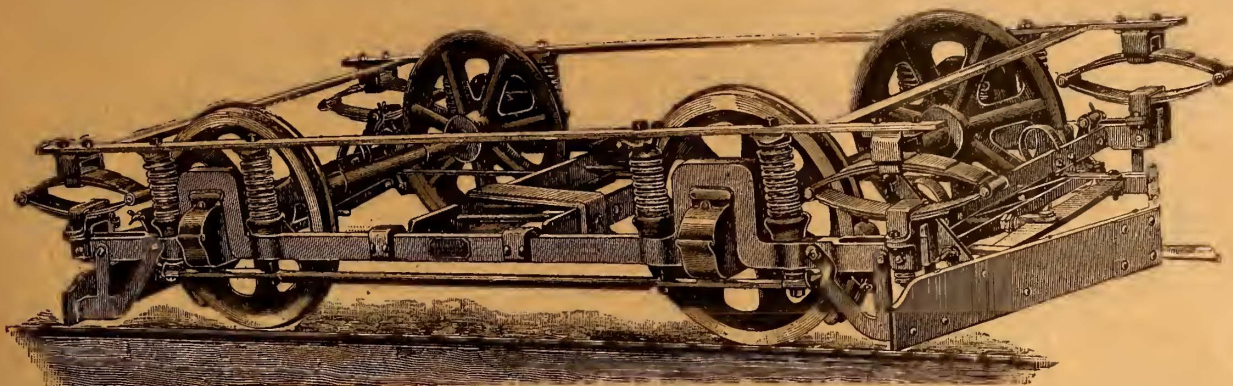
Combination Winter and Summer Car, Mounted on Brill Eureka
Maximum Traction Pivotal Trucks.

J. G. BRILL COMPANY,

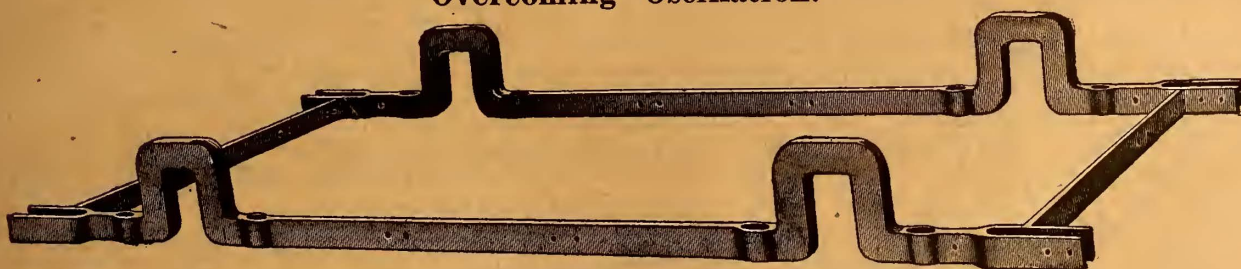
PHILADELPHIA.

Western Office, Western Union Building, Chicago, Ill.

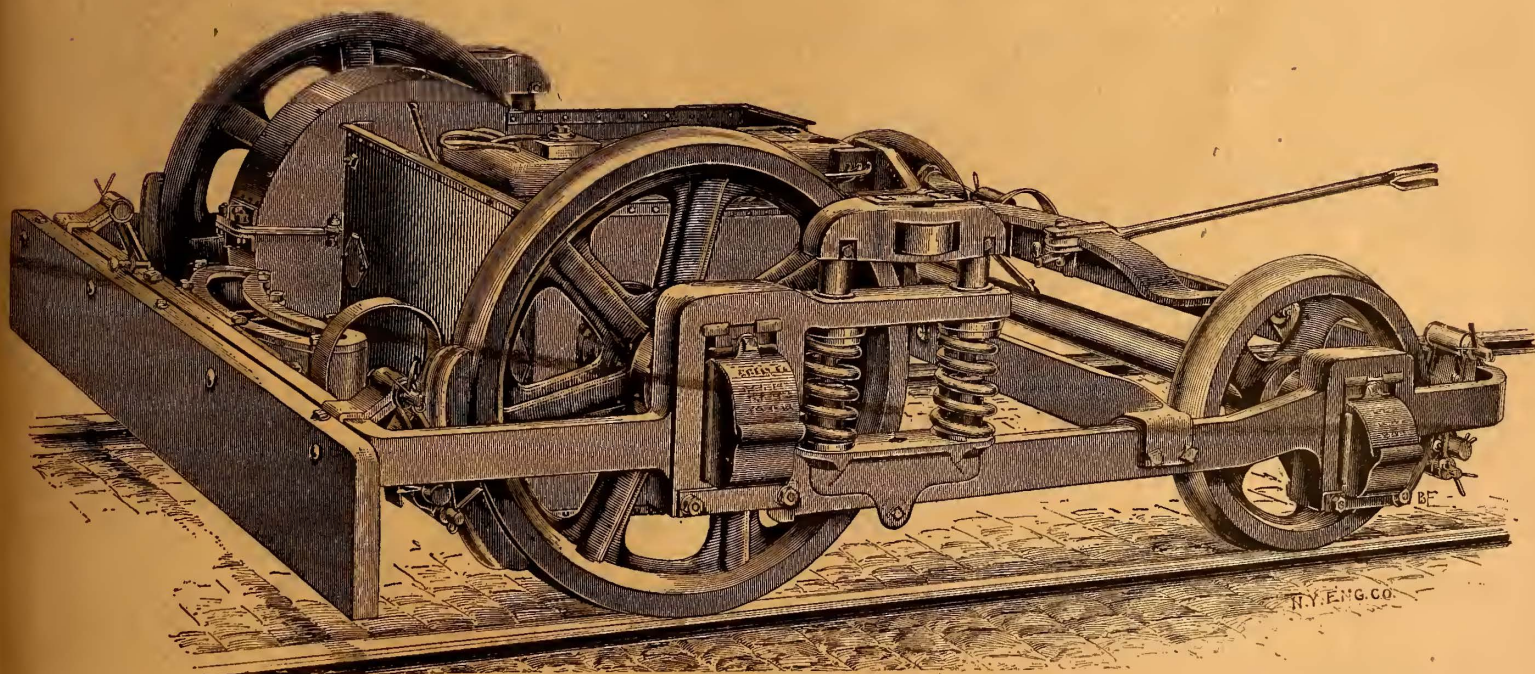
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Brill No. 22 Pivotal Truck, with Solid Forged Axle Box Frame and Open Centre. Truck is Strongest and has Fewer Parts than any Pivotal Truck made. Radial Plates Equalize Weight of Car Body, Bringing Greater Portion Over Driving Wheels where it is needed, Increasing Tractive Force.

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Works, 62d St. and Woodland Ave., on line of Pennsylvania and Balto. & Ohio Railroads.

1831.

1893.

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HORSE * ELECTRIC * CABLE.



Plain==Practical==Permanent.

Twin Automatic Doors, Affording Largest
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LIGHT. * ELEGANT. * DURABLE.