

heaters; thermostatic control for steam, hot water and electric systems. Pressure regulator; temperature regulators; twin supply valves; steam hose couplers; ventilators; curtain window ventilators; journal boxes, and lids; dust guards.

Goldschmidt Thermit Co., New York, N. Y.—Samples of Thermit welds including a large weld on a $9\frac{1}{4}$ in. 2 throw crank shaft for refrigerating machine. Materials and apparatus used in locomotive shops for Thermit welding; such as preheaters, crucibles, mold box, special mixtures of Thermit, etc. Samples of metals free from carbon and numerous photographs and transparencies of Thermit welding operations.

Greene, Tweed & Co., New York, N. Y.—Palmetto, round and square, braided packing; Palmetto twist packing for small valves; packing in sets for air pumps and throttles. Manhattan packing for hydraulic pressures; Favorite reversible ratchet wrench.

Grip Nut Co., Chicago, Ill.—Grip nuts.

Hunt Spiller Manufacturing Corporation, South Boston, Mass.—Cylinder bushings; cylinder packing; piston heads; valve bushings; valve packing; valve bull rings, cross-head shoes; shoes and wedges; driving boxes; rod bushings; knuckle pin bushings; crown bearings; air pump bushings; air pump packing; eccentrics and straps.

Independent Pneumatic Tool Co., Chicago, Ill.—Thor piston air drills for drilling, reaming, tapping, flue-rolling and wood boring; corner drills for use in close quarters; pneumatic riveting, chipping, calking and flue-beading hammers; pneumatic staybolt drivers; Thor pneumatic grinders; Thor electric drills.

Ingersoll-Rand Co., New York, N. Y.—Pneumatic tools, consisting of "Little David" roller and ball bearing piston air drills, for drilling, reaming, tapping and flue rolling; riveting hammers for driving rivets up to $1\frac{1}{4}$ in.; chipping hammers for all classes of chipping, calking, scaling, flue beading; Imperial air motor hoists—capacity up to 10 tons; Little David jam riveters; Crown holder-ons and Crown bench and floor sand rammers.

Johns-Manville Co., H. W., New York, N. Y.—Asbestos and magnesia material; asbestos cements; pipe coverings; boiler lagging; packings, roofings, waterproofing; mastic flooring; J.-M. expander rings; transite and ebony asbestos wood; asbestos shingles; transite asbestos smoke jackets; steel passenger car insulation; refrigerator car insulation; fibre and sectional conduit; electrical materials; J.-M. automatic car seal; flexible armoured hose; Jones speedometers for locomotives and passenger cars; cork tilings; linolite lighting.

Kerite Insulated Wires & Cables Co., New York, N. Y.—Kerite insulated wires and cables.

Locomotive Superheater Co., New York, N. Y.—Electric pyrometer for indicating the temperatures of superheated system; latest design of superheater unit; soft metal grinding process mould.

McCord & Co., Chicago, Ill.—Steel and malleable iron journal boxes; force feed locomotive lubricators.

Norton, Inc., A. O., Boston, Mass.—Lifting jacks.

Pyle-National Electric Headlight Company, Chicago, Ill.—Locomotive electric headlight set and headlight case; type "E" turbo-generating set (arc headlight set); type "S" turbo-generating incandescent headlight set.

Railway Materials Company, The, Chicago, Ill.—Steel back brake shoe; Ferguson shop furnaces; blue prints.

Railway Utility Co., Chicago, Ill.—Utility honeycomb car ventilators for monitor deck

and for arch roof cars; thermometer steam heat regulator; thermometer electric heat regulator; automatic freight car door locks; electric vacuum car cleaners.

Safety Car Heating & Lighting Co., New York, N. Y.—Pintsch mantle lighting equipment; Safety electric car lighting equipment; gas and electric lighting fixtures; oxy-Pintsch metal cutting and welding apparatus; electric fans.

Standard Coupler Co., New York, N. Y.—Sessions-Standard friction draft gear type "K."

U. S. Light & Heating Co., Niagara Falls, N. Y.—The U. S. L. electric lighting equipment for railway cars in operation; electric regulating panels; electric generators; storage batteries of all types; electric starter for gasoline engines.

Westinghouse Air Brake Co., Pittsburgh, Pa.—No apparatus was placed on exhibition this year, having instead the usual space for reception purposes, with representatives on hand for rendering whatever advice or information might be desired in connection with the subject of air brakes.

Westinghouse Electric & Manufacturing Co., Pittsburgh, Pa.—Reception booth with the Westinghouse companies and arc welding exhibit in operation on the pier end.

Birthdays of Transportation Men in July.

Many happy returns of the day to:—

J. H. Black, ex-Superintendent, Timiskaming and Northern Ontario Ry.; now at Cobalt, Ont., born near Smiths Falls, Ont., July 8, 1874.

M. S. Blaiklock, Engineer Maintenance of Way, G.T.R., Montreal, born at Quebec, July 19, 1859.

D. E. Blair, Superintendent of Rolling Stock, Montreal Tramways Co., born at St. Thomas de Montmagny, Que., July 25, 1877.

H. F. Bradley, Passenger Manager, Allan Line Steamship Co., Montreal, born at Waterville, Que., July 20, 1876.

D'Alton C. Coleman, General Superintendent, Alberta Division C.P.R., Calgary, born at Carleton Place, Ont., July 9, 1879.

Geo. Collins, General Manager, Central Ontario Ry., Trenton, Ont., born at Kingston, Ont., July 20, 1860.

G. C. Conn, Vice President, Pere Marquette Rd., Detroit, Mich., born at Woburn, Mass., July 1, 1867.

D. D'E. Cooper, Canadian Freight Agent, Lehigh Valley Rd., Toronto, born at Buffalo, N. Y., July 8, 1862.

John Corbett, ex-General Foreign Freight Agent, C.P.R., Montreal, born in Lanarkshire, Scotland, July 19, 1863.

H. Darling, Locomotive Foreman, G.T. Pacific Ry., Smithers, B.C., born in Northumberland, Eng., July 27, 1873.

S. E. Dewey, Commercial Agent, All Rail Line, G.T.R., New York, born at Beckenham, Kent, Eng., July 4, 1879.

F. C. Foy, Canadian Passenger Agent, New York Central Lines, Toronto, born there, July 5, 1881.

J. B. Gray, ex Superintendent, Sleeping, Dining and Parlor Cars and News Service, Eastern Lines, C.P.R., Montreal, now lessee of lunch rooms, Angus Shops, C.P.R., Montreal, born July, 1876.

J. H. Hanna, ex-Division Freight Agent, G.T.R., at Hamilton, Ont., now at Calgary, Alta., born at London, Ont., July 27, 1867.

A. D. Huff, ex-Division Freight Agent, G.T.R., Ottawa, now Traffic Manager, Laurentide Co., Montreal, born at Chatham, Ont., July 17, 1866.

C. A. Jaques, ex steamship owner, Montreal, born there July 15, 1849.

C. W. Johnston, Assistant to Passenger

Traffic Manager, G.T.R., Montreal, born at Actonville, Que., July 27, 1879.

A. E. Lock, Car Accountant, Toronto, Hamilton and Buffalo Ry., Hamilton, Ont., born at Albany, N. Y., July 14, 1879.

R. G. McNeillie, Assistant General Passenger Agent, Western Lines, C.P.R., Winnipeg, Man., born at Lindsay, Ont., July 1, 1883.

J. M. Macrae, District Freight Agent, Canadian Northern Ry., Saskatoon, Sask., born at Stornoway, Scotland, July 31, 1884.

H. D. Mackenzie, District Master Mechanic, Intercolonial Ry., Stellarton, N.S., born at Churchville, N.S., July 22, 1864.

T. J. Maguire, Accountant Quebec Central Ry., Sherbrooke, Que., born at Quebec, July 31, 1860.

J. E. Morazain, Assistant Superintendent, Montreal Terminals, C.P.R., Montreal, born at Wheatland, Que., July 31, 1875.

R. E. Perry, Assistant General Freight Agent, Canadian Government Railways, Moncton, N.B., born at Drayton, Ont., July 5, 1876.

R. Preston, Assistant Superintendent of Motive Power, Western Lines, C.P.R., Winnipeg, born at Toronto, July 28, 1863.

J. E. Quick, General Baggage Agent, G.T.R. and G.T.P.R., Toronto, born at Richmond, Ontario Co., N. Y., July 10, 1851.

G. G. Ruel, Chief Solicitor, Canadian Northern Ry., Toronto, born at St. John, N.B., July 5, 1866.

P. E. Ryan, Secretary, National Transcontinental Railway Commission, Ottawa, born there July 26, 1876.

Geo. Stephen, General Freight Agent, Canadian Northern Ry., Winnipeg, born at Montreal, July 5, 1870.

R. F. Struthers, Chief Inspector of Time Service, C.P.R., Winnipeg, born at Stratford, Ont., July 31, 1879.

Sir Thos. Tait, President, Fredericton and Grand Lake Ry. and Coal Co., born at Melbourne, Que., July 24, 1864.

H. T. Wilgress, Agent, C.P.R. Pacific Steamship Service, Yokohama, Japan, born at Lachine, Quebec, July 29, 1857.

An Unchartered Railway.—In an action for damages for personal injuries decided in the Supreme Court of British Columbia, at Victoria, May 25, the Canadian Collieries (Dunsmuir) Limited, being defendants, C. F. Compton, Assistant Secretary, stated that the company was not a railway company but a coal company; its trains carried coal from the mines, and also did some passenger carrying. In reply to the judge, Mr. Compton said the original railway was never incorporated, as it was built by a private individual, on his own land. The Wellington Collieries had no railway charter either. In cross examination, Mr. Compton said the line crossed government highways in three or four places. Reports as to the company's operations were made to the Dominion and Provincial Governments, in which it was explained that the railway was operated without a charter; the railway carried passengers, and tickets with the name of Wellington Colliery on this were issued. It was subsequently brought out by another witness, that the Wellington Colliery Ry. was incorporated in 1911, but that it did not own the line on which the accident happened, although that line was a branch of it.

T.H. & B. Hamilton Entrance.—An Ottawa dispatch of June 19 says:—"The Supreme Court decided to-day in a stated case that the Board of Railway Commissioners has not the right to order the Toronto, Hamilton and Buffalo Ry. to locate a new line in the city of Hamilton by way of compelling the use of a common entrance. The Commission ordered the railway to make the change, but its jurisdiction was attacked by the railway, whose contention is upheld."