

sentative, has been appointed representative in the southwest, succeeding H. F. Finney, promoted to a position in the General Sales Office in Chicago.

Canadian General Electric Co., Toronto, has issued the following publications:—Bulletin 42500, synchronous converters for railway, lighting and industrial service; bulletin 906, electric hoists for the efficient handling of all loads, catalogue, H. & H. barrier 600 volts switches for electric railway cars, to control the air brake, headlight, heater and incandescent circuits.

Butterfield & Co., Inc., Rock Island, Que., and **Derby Line, Vt.,** manufacturers of screw plates, are placing on the market the combined automobile screw plate, which contains taps and dies, cutting the S.A.E. standard, and also the regular V thread, or the U.S. standard, as may be wanted, all complete with stocks for holding the dies, and high grade tap wrench, in hardwood case. The claim made for this plate is that heretofore the repair and garage man wanting both forms of thread, was obliged to buy two distinct screw plates, whereas now he gets both styles in one box, and at a reasonable price. These plates are put out in all the various assortments, cutting from $\frac{1}{4}$ to 1 in., and are made in the Derby plate.

Transportation Conventions in 1914-15.

Nov. 17.—National Association of Railway Commissioners, Washington, D.C.
Nov. 17-19.—Maintenance of Way and Master Painters' Association of the United States and Canada, Detroit, Mich.
Nov. 18.—American Railway Association, Chicago, Ill.
Dec. 1-4.—American Society of Mechanical Engineers, New York.
Dec. 8, 9.—Association of Transportation and Car Accounting Officers, Richmond, Va.
Jan. 19-21.—American Wood Preservers' Association, Chicago, Ill.
Mar. 16-18.—American Railway Engineering Association, Chicago, Ill.

April.—American Association of Demurrage Officers, Boston, Mass.

Apr. 28.—Association of American Railway Accounting Officers, Atlanta, Ga.

May.—Association of Railway Claim Agents, Galveston, Tex.

May 4-7.—Air Brake Association, Chicago, Ill.

May 17-20.—International Railway Fuel Association, Chicago, Ill.

May 21-24.—American Association of Freight Agents, Richmond, Va.

June 15.—Train Dispatchers' Association of America, Minneapolis, Minn.

June 16.—Freight Claim Association, Chicago, Ill.

June 22-25.—Association of Railway Telegraph Superintendents, Rochester, N.Y.

July 14-17.—International Railway General Foremen's Association, Chicago, Ill.

Transportation Associations, Clubs, Etc.

The names of persons given below are those of the secretaries.

Canadian Car Service Bureau, J. Reilly, Manager, 401 St. Nicholas Building, Montreal.

Canadian Electric Railway Association, Acton Burrows, 70 Bond Street, Toronto.

Canadian Freight Association (Eastern Lines), G. C. Ransom, Canadian Express Building, Montreal.

Canadian Freight Association (Western Lines), W. E. Campbell, 502 Canada Building, Winnipeg.

Canadian Railway Club, J. Powell, St. Lambert, Que. Meetings at Montreal, 2nd Tuesday each month, 8.30 p.m., except June, July and August.

Canadian Society of Civil Engineers, C. H. McLeod, 176 Mansfield St., Montreal.

Canadian Ticket Agents' Association, E. de la Hooke, London, Ont.

Central Railway and Engineering Club of Canada, C. L. Worth, 409 Union Station, Toronto.

Meetings at Toronto, 3rd Tuesday each month, except June, July and August.

Dominion Marine Association, Counsel, F. King, Kingston, Ont.

Eastern Canadian Passenger Association, G. H. Webster, 54 Beaver Hall Hill, Montreal.

Engineers' Club of Montreal, R. W. H. Smith, 9 Beaver Hall Square, Montreal.

Engineers' Club of Toronto, R. B. Wolsey, 94 King St. West, Toronto.

Great Lakes and St. Lawrence River Rate Committee, Jas. Morrison, Montreal.

International Water Lines Passenger Association, M. R. Nelson, New York.

Niagara Frontier Summer Rate Committee, Jas. Morrison, Montreal.

Nova Scotia Society of Engineers, A. R. McCleave, Halifax, N.S.

Quebec Transportation Club, A. F. Dion, Quebec.

Ship Masters' Association of Canada, Capt. E. Wells, 45 St. John St., Halifax, N.S.

Toronto Transportation Club, W. A. Gray, 143 Yonge St., Toronto.

Western Canada Railway Club, Louis Kon, Box 1707, Winnipeg. Meetings at Winnipeg, 2nd Monday each month, except June, July and August.



TENDERS.

TENDERS addressed to the undersigned at Ottawa, and marked on the envelope "Tender for Ice-breaking," will be received up to twelve o'clock noon of the SIXTH DAY OF NOVEMBER, 1914, for breaking ice in the Harbors of Port Arthur and Fort William, Thunder Bay, Lake Superior, in accordance with the specifications prepared by the Department of Marine and Fisheries. A contract will be entered into with the successful tenderer for a period of three years, but the tenderers must quote a price per annum.

Specifications of the work required can be obtained from the Harbormasters at Port Arthur and Fort William and from the Purchasing Agent of the Marine Department, Ottawa. There are no special tender forms for this work.

Each tender must be accompanied by an accepted cheque on a chartered Canadian Bank for a sum equal to 10% of the tender price per annum, which cheque will be forfeited if the successful tenderer declines to enter into a contract or fails to complete the work in accordance with the specifications of the Department. Cheques will be returned to unsuccessful tenderers.

The Department does not bind itself to accept the lowest or any tender.

Newspapers inserting this advertisement without authority will not be paid for same.

A. JOHNSTON,

Deputy Minister of Marine and Fisheries,
Department of Marine and Fisheries,
Ottawa, Canada, 28th September, 1914.

HOW RAILROADS SAVE MONEY BY USING THE TATE FLEXIBLE STAYBOLT

TIME HAS DEMONSTRATED

FIRST—That flexible staybolts produce more satisfactory and more economical results than rigid staybolts.

SECOND—That TATE FLEXIBLE STAYBOLTS are best of all, measured by every standard.

Ask for our New Catalog just issued

Manufactured and Sold in Canada by

CANADIAN ALLIS-CHALMERS, Limited, General Offices, TORONTO, ONT.

FLANNERY BOLT COMPANY, - Vanadium Building, Pittsburgh, Pa.