

value of the system, exclusive of supplies, was placed at \$3,210,098, made up as follows:

Winnipeg plant.....	\$1,584,000.00
All other exchanges and farm lines.....	712,500.00
1,192 miles long distance pole lines.....	333,780.00
331 long distance circuit miles, No. 10 (524 lbs.) copper at \$143.....	47,333.00
2,044 long distance circuit miles, No. 10 (346 lbs.) copper at \$100.....	204,400.00
124 long distance circuit miles, No. 9 iron at \$40.....	4,960.00
75 toll offices at \$175.....	13,125.00
Engineering and real estate.....	310,000.00

In conclusion he said: "The average valuation of a telephone in the above estimate (taking Winnipeg for example) is \$178.18. If the plant had reached its final growth this figure would naturally, and rightly, be considered high. On the contrary, the plant, as far as the office building, the principal conduit and pole lines are concerned, has been built to give service to nearly twice the number of telephones now in operation. Four thousand subscribers, I believe, represents a conservative estimate of a natural growth in Winnipeg during the next 18 months or two years. For these new tele-

phones there would be required an additional investment of about \$200,000, making the total investment with 12,890 telephones installed, \$1,784,000, an average of \$138.40 a telephone, as against the present average of \$178.18. The conditions in Winnipeg reflect, on the whole, the conditions existing in the other exchanges. I estimate an increase of 2,500 telephones outside of Winnipeg in, say, two years, with an increase in first cost of \$150,000. No estimate has been prepared of an increase in toll lines. The present lines can carry at least twice the present number of circuits. I estimate that, with an addition of one-third to the present toll line investment, the earning capacity will be doubled. And at the present rapid growth in population and in business it is only natural to assume that such a condition will come about in a few years."

A table appended to the report gave the switchboard capacity, in use and spare; the aerial cable capacity, in use and spare, and the available reserve for new subscribers at the several stations. The totals of these

showed the percentage of switchboard lines in use to be 69.9, leaving 30.4% available for new subscribers; and the percentage of cable pairs in use to be 58.4, leaving 41.6% available for new subscribers.

At a special meeting of the Bell Telephone Co.'s shareholders in Montreal, Jan. 9, the following formal resolution was carried unanimously: "That the directors of the company be, and they are hereby authorized to sell and dispose of the property and assets, together with the business of the company in the Province of Manitoba, as a going concern, or any part of such property and assets on such terms and conditions and for such consideration as they may deem to be in the best interests of the company."

The management of the telephone system has been placed in the hands of a Commission, consisting of F. C. Paterson, W. H. Hayes and H. J. Horan, formerly Western Manager, Assistant Manager, and Chief Engineer, respectively, with the Bell Co. The whole system was formally handed over to the Commission Jan. 15.

The Purchasing Agents' Guide

To the Manufacturers of & Dealers in Steam & Electric Railway, Marine, Grain Elevator, Express, Telegraph, Telephone and Contractors' Supplies, &c.

Accident Insurance

Canadian Ry. Accident Ins. Co.....Ottawa, Ont.

Advertising Matter

Valentine & Sons Publishing Co.....Montreal.

Aerated Waters

E. L. Drewry.....Winnipeg.

Air Brakes and Fittings

Canada Foundry Co.....Toronto.

Canadian Westinghouse Co.....Hamilton, Ont.

Ales

E. L. Drewry.....Winnipeg.

Angle Bars

Hamilton Steel & Iron Co.....Hamilton, Ont.

Automobiles

Polson Iron Works, Ltd.....Toronto.

Axes

James Smart Mfg. Co.....Brockville, Ont.

Axe Steel

Montreal Steel Works.....Montreal.

Axles

James Hutton & Co.....Montreal.

Jas. W. Pyke & Co.....Amherst, N.S.

Rhodes, Curry & Co.....Montreal.

Taylor & Arnold.....Montreal.

Badges

R. Woodman Mfg. & Supply Co.....Boston, Mass.

Baggage Checks

R. Woodman Mfg. & Supply Co.....Boston, Mass.

Bearings, Side

Chicago Railway Equipment Co.....Chicago, Ill.

Blankets and Bedding

The Hudson's Bay Co.....Montreal.

Blasting Powder

Standard Explosives Limited.....Montreal.

Bollers

Babcock & Wilcox (Ltd.).....Montreal.

Canada Foundry Co.....Toronto.

Jno. McDougall, Caledonian Iron Works Co.....Montreal.

Polson Iron Works.....Toronto.

Robb Engineering Co.....Amherst, N.S.

Bollers, Internally Fired

Robb Engineering Co.....Amherst, N.S.

Bollers, Portable

Canada Foundry Co.....Toronto.

Robb Engineering Co.....Amherst, N.S.

Bollers, Stationary and Marine

Babcock & Wilcox (Ltd.).....Montreal.

Robb Engineering Co.....Amherst, N.S.

Boiler, Staybolt Iron or Steel Bars

Falls Hollow Staybolt Co. Cuyahoga Falls, Ohio.

Bollers, Steam

Babcock & Wilcox (Ltd.).....Montreal.

Robb Engineering Co.....Amherst, N.S.

Bollers, Water Tube

Babcock & Wilcox (Ltd.).....Montreal.

Jno. McDougall, Caledonian Iron Works Co.....Montreal.

Robb Engineering Co.....Amherst, N.S.

Bollers Tubes

Jas. W. Pyke & Co.....Montreal.

Bolsters

Dominion Car and Foundry Co.....Montreal.

Bolts, Bridge

Toronto Bolt and Forging Co.....Toronto.

Bolts, Carriage and Machine

Toronto Bolt and Forging Co.....Toronto.

Bolts, Track

Toronto Bolt and Forging Co.....Toronto.

Box Car Loaders

Mussens Limited.....Montreal.

Brake Beams

Chicago Railway Equipment Co.....Chicago, Ill.

Dominion Car and Foundry Co.....Montreal.

Brake Shoes

American Brake Shoe & F'dry Co., Mahwah, N.J.

Canadian Iron and Foundry Co.....Montreal.

N. J. Holden Co., Ltd.....Montreal.

Railway Materials Co.....New York.

Brass and Copper Cloth

The B. Greening Co.....Hamilton, Ont.

Bridge Numbers

Acton Burrows Limited.....Toronto.

Bridges

Canada Foundry Co.....Toronto.

Canadian Bridge Co.....Walkerville, Ont.

Dominion Bridge Co.....Montreal.

Steel Concrete Co. (Ltd.).....Montreal.

Buckets, Coal, Ore and Concrete

Kilgore-Peteler Co.....Minneapolis, Minn.

Bumping Posts

McCord & Co.....Chicago, Ill.

Mechanical Mfg. Co.....Chicago, Ill.

Buoy Lighting

Safety Car Heating and Lighting Co., New York.

Cables, Electric and Feeder

E. F. Phillips Electrical Works, Ltd.....Montreal.

The Wire and Cable Co.....Montreal.

Caboose Heaters

Geo. R. Prowse.....Montreal.

Car Castings

American Brake Shoe & F'dry Co., Mahwah, N.J.

Canadian Iron and Foundry Co.....Montreal.

Car Cleaner

Modoc Soap Co.....Philadelphia, Pa.

Car Closets

Duner Co.....Chicago, Ill.

Car Curtains and Fixtures

N. J. Holden Co., Ltd.....Montreal.

Car Heating

Wm. C. Baker Heating & Supply Co., New York.

Canadian Gold Car Heating & Lighting Co., Montreal.

Safety Car Heating and Lighting Co., New York.

Car Jacks

F. H. Hopkins & Co.....Montreal.

Mussens Limited.....Montreal.

Car Kitchen Equipments

Geo. R. Prowse.....Montreal.

Car Lighting

Bliss Electric Car Lighting Co., Milwaukee, Wis.

Consolidated Ry. Electric Light & Equip. Co., N.Y.

Canadian Cold Car Heating & Lighting Co., Montreal.

Safety Car Heating and Lighting Co., New York.

Car Movers

F. H. Hopkins & Co.....Montreal.

Mussens Limited.....Montreal.

R. Woodman Mfg. & Supply Co.....Boston, Mass.

Car Ranges

Geo. R. Prowse.....Montreal.

Car Replacers

Alexander Car Replacer Mfg. Co., Scranton, Pa.

N. J. Holden Co., Ltd.....Montreal.

F. H. Hopkins & Co.....Montreal.

Car Seals

R. Woodman Mfg. & Supply Co., Boston, Mass.

Car Wash Brushes

Wolfe Brush Co.....Pittsburg, Pa.

Cars

Canada Car Co., (Ltd).....Montreal, Que.

Crossen Car Mfg. Co.....Cobourg, Ont.

Dominion Car and Foundry Co.....Montreal.

J. T. Gardner.....Chicago, Ill.

Hart-Otis Car Co. (Ltd.).....Montreal.

Kilgore-Peteler Co.....Minneapolis, Minn.

Rhodes Curry & Co.....Amherst, N.S.

Cars, Coal

Kilgore-Peteler Co.....Minneapolis, Minn.

Cars, Mine

Kilgore-Peteler Co.....Minneapolis, Minn.

Car Windows

O. M. Edwards.....Syracuse, N.Y.

Castings

Crossen Car Mfg. Co.....Cobourg, Ont.

Castings, Brass

Canadian Bronze Co.....Montreal.

Canadian Iron and Foundry Co.....Montreal.

Kerr Engine Co.....Walkerville, Ont.

St. Thomas Brass Co.....St. Thomas, Ont.

Castings, Iron

Canada Car Co., Ltd.....Montreal.

Canadian Iron and Foundry Co.....Montreal.

Kerr Engine Co.....Walkerville, Ont.

Castings, Iron and Steel

American Brake Shoe & F'dry Co., Mahwah, N.J.

Castings, Malleable

Taylor & Arnold.....Montreal.

Castings, Steel

Canadian Iron and Foundry Co.....Montreal.

Montreal Steel Works.....Montreal.

Rhodes Curry & Co.....Amherst, N.S.

Cast-Steel Hammers

American Brake Shoe & F'dry Co., Mahwah, N.J.

Cast-Steel Track Tools

American Brake Shoe & F'dry Co., Mahwah, N.J.

Cast-Steel Wrenches

American Brake Shoe & F'dry Co., Mahwah, N.J.

Cement Machinery

Jas. W. Pyke & Co.....Montreal.

Chains

B. J. Coghlin & Co.....Montreal.