

TRADE NOTES.

The Toronto Electrical Works report themselves very busy on contracts for the Toronto Street Railway Company, for whom they are making the cut-out boxes, switch boxes and trolley wheels. Business generally they find very good and improving. Owing to the demand they have increased their machinery list and space to meet the requirements of a growing trade.

Messrs. Darling Bros. have made recent sales of Claussen clutch pulleys as follows: Hobb's Hardware Co., 1 36 in. x 12 in. clutch pulley; Wm. Clendenning & Son, Montreal, 1 25 h. p. clutch coupling; R. White & Co., Montreal, 1 60 in. x 12 in. clutch pulley; 1 36 in. x 10 in. clutch pulley; 1 24 in. x 8 in. clutch pulley; 1 50 h. p. coupling; Standard Drain Pipe Co., St. John's Que., 1 44 in. x 12 in. clutch pulley.

F. E. Dixon & Co., manufacturers of leather belting, of this city, have received an order from the Toronto Electric Light Co. for two enormous leather belts for the addition to their works on the esplanade. These belts are to be 33 inches wide, double thickness, and 260 feet long. F. E. Dixon & Co. have already supplied to this company four large double belts, 36 to 38 inches wide, averaging each over 100 feet long, one of which has been in steady use for over 7 years.

The Ball Electric Light Company report the following recent sales:—Mount Forest Electric Co., 500 light alternating plant and installation; Citizens' Telephone and Electric Co., Rat Portage, Ont., 1,000 light alternating incandescent dynamo and station apparatus; Imrie & Graham, Toronto, combination motor and incandescent lighting plant, 50 lamps; E. Hood & Co., Toronto, hoisery manufacturers, combination motor and incandescent plant, 50 lamps; Messrs. Geo. Hees, Son & Co., Toronto, window shade manufacturers, electric motor; Messrs. Anderson & Godard, Ottawa, Ont., electric motor; Hart & Co., stationary manufacturers, Toronto, electric motor.

The St. John's Electric Light Co., of St. John's, Newfoundland, whose station was completely wiped out in the recent conflagration, have completed a new brick station on a much larger scale than their old one. This is equipped by John Starr, Son & Co., Ltd., of Halifax, who have contracted with the Electric Light Co. for the supply of two Leonard-Ball Compound Engines of 100 h. p. each, two 50 light arc dynamos and one 1200 alternating incandescent dynamo, as well as the wires and supplies. The dynamos were made by the Royal Electric Co., of Montreal, and will be in operation in a few days. The Messrs. Starr have installed a plant of the Lahmeyer system in the machine shops of James Angell & Co., St. John's, and are about completing another of the same system for the new bakery establishment of Messrs. A. J. Harvey & Co. The Starr Co. are also doing a large business in "Unique" Telephones, of which they are sole manufacturers. The principal advantage claimed for these, over other instruments lies in the transmitter, the adjustment of which does not depend on any springs or screws, the adjustment of this transmitter is all done in the manufacture, after which no further attention or adjustment is required. This is claimed

to be the only transmitter that fulfills the above requirements and it is certainly a strong point in its favor both for exchange and private use. They are handsomely gotten up in different styles for exchange and warehouse purposes. The Valley Telephone Co. of Nova Scotia, after six months satisfactory test of these have extended their lines throughout the Annapolis Valley, a distance of 85 miles and have now 65 of the "Unique" standard telephones in use with good prospects of largely increasing that number. Messrs. Starr sell these instruments outright at a very low price and will be pleased to communicate with telephone companies or private parties wanting telephones.

PERSONAL.

We had the pleasure of a call a few days ago from Mr. H. C. Whitney, agent for the Crocker Wheeler Electric Co., of New York, who is here with the object of extending the Company's business in Canada.

Our congratulations are hereby extended to Mr. A. M. Wickens, who recently resigned his position as chief engineer and electrician of the Toronto *Globe* to assume the duties of a similar, but more important position, in the new Legislative Buildings, now nearing completion in Queen's Park.

PUBLICATIONS.

The contributions to the October *Arena* are varied, interesting and able. The *Arena*, besides being the most fearless and aggressive of our reviews, is always varied and exceedingly interesting. It combines the intellectual wealth and profound thought of the serious review, with the entertaining qualities of the popular magazine.

Alex. Anderson's electrical works, Adelaide St. Toronto, were severely damaged by fire a week ago.

Mr. Samuel St. Jacques, head clerk C. P. R. Telegraph Company, at Ottawa, was waited on by the leading newspaper correspondents of the city and presented with a handsome diamond pin on the occasion of his approaching marriage to a Brockville lady.

The "Unique" TELEPHONES

Made especially for Exchange and Private use.

The cheapest, simplest and most effective Electric Telephones in the world.

The "Unique" Transmitter is the only one made which does not require adjustment and that is not affected by atmospheric changes, or rust up.

ALWAYS THE SAME.

Will transmit over the longest distance without readjustment.

"Samson" Batteries supplied with the "Unique."

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Insulation Guaranteed wherever used, Aerial, Underground or Submarine.



In a letter from the Inspector of the Boston Fire Underwriters' Union, he states: "A thoroughly reliable and desirable Wire in every respect."

The rubber used in insulating our wires and cables is especially chemically prepared, and is guaranteed to be water-proof, and will not deteriorate, oxidize or crack, and will remain flexible in extreme cold weather and is not affected by heat. The insulation is protected from mechanical injury by one or more braids, and the whole slicked with Clark's Patent Compound, and special extra finish, which we have now adopted for all our solid wires as an extra weatherproof protection, and also preventing chafing and abrasion, which is water, acid, and to a very great extent fireproof. Our insulation will prove durable when all others fail. We are prepared to furnish Single Wires of all gauges and diameter of insulation for Telegraph and Electric Lights from stock. Cables made to order. We are now prepared to furnish our Clark Wire with a white finish for ceiling clean work as well as our standard color.

Clark Joint Gum should be used for making waterproof joints. This is put up in half-pound boxes, in strips about one foot long and five-eighths inch wide, and when wrapped about a joint and pressed firmly it makes a solid mass. For railway and motor use, we make all sizes of stranded and flexible with Clark insulation. We guarantee our insulation wherever used, Aerial, Underground, or Submarine, and our net prices are as low, if not lower, than any other first-class Insulated Wire. We shall be pleased to mail Catalogues with terms and discounts for quantities.



EASTERN ELECTRIC CABLE CO.,

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HENRY A. CLARK, Treasurer and Gen'l-Manager.
HERBERT H. EUSTIS, President and Electrician.