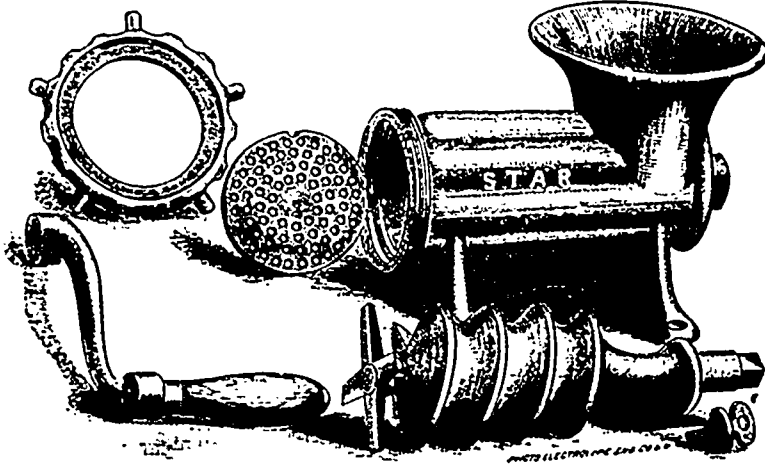


are of the well-known Westinghouse make, supplied by Ahearn & Soper, of Ottawa, under the superintendence of C. F. Medbury. The incandescent lighting system of this company is extending steadily and rapidly throughout Montreal, the light being reported as remarkably even.

STAR MEAT CHOPPER.

Wm. Butler, who has recently established himself in business at corner of James and Colborne sts., Hamilton, as a diemaker and machinist, is working up a good trade. We give a cut of the Star Meat Chopper, one of the many useful and novel articles which he manufactures. It is adapted for chopping, grinding, or mashing



any meat or vegetable quickly and uniformly fine. The parts are few and simple and may be taken apart and cleaned in a few seconds. The chopper and cylinder are combined, the latter containing the screw which carries the meat forward. A four-bladed steel knife is attached to the end of the screw, revolving with it. A steel plate perforated with small holes is held against the knife by a ring which regulates it.

EXHIBITION NOTES.

OUR notes of the late Exhibitions in Toronto and Montreal have been unavoidably crowded out in the last two issues, and, owing to press of other matter, are now given in greatly condensed form.

THE Canadian Mineral Wool Company were to the fore at both exhibitions with their celebrated mineral wool, engine packings and asbestos goods, their exhibit being the best in this line.

BENNETT & WRIGHT had at the Toronto Exhibition a very fine exhibit of sanitary and electrical appliances, including two or three of the famous Eddy motors for which they are the Canadian agents.

RICE LEWIS & SON (Ltd.) showed at Toronto a large pyramid tastefully formed of tools and hardware of all kinds. The size and variety of the exhibit made by this old established hardware firm formed a striking feature of the Machinery Hall.

T. W. NESS & Co. had at both Exhibitions a remarkably fine display of electrical machinery and appliances. A sample of every appliance and requisite used in electrical work was here displayed, and the Toronto exhibits especially were strikingly arranged.

THE Kay Electric Works, of Hamilton, whose name is already very familiar to our readers, exhibited at Toronto their dynamos and motors in operation, and their display attracted a great deal of favorable notice. The Kay motors have made great progress during the last few years in Canada, and are now used in every Province.

THE Canadian Office and School Furniture Co. were represented as usual with their office and school furniture. The exhibit of this firm was an ornament to the Toronto exhibition, and should have had a more prominent place than it had in the Main Building. More extended reference to this company's work will be found elsewhere.

THE Dodge Wood Split Pulley Co., Toronto, had a very fine exhibit of all kinds and styles of their wood split pulleys. They showed them in motion and in pyramids, power being supplied them by an illustration of their patent system of rope transmission. The same firm had a very creditable exhibit at Montreal, under the superintendence of their Montreal agents, Miller Brothers & Toms.

THE Garlock Packing Co. of Hamilton had a good display of their engine packings, which are rapidly becoming popular among engineers throughout Canada. In connection with exhibitions, it will interest our readers to know that the engine packings made by this company were used exclusively on the machinery at the World's Fair.

THE NORTHEY MFG Co. showed at Toronto some of the pumps for which that company are now so well known throughout Canada. This company, to cope with their increasing business, have built large new works near the subway in the West end of Toronto. These works contain a very complete equipment of machinery, which we hope to describe in an early issue of this journal.

ROBERT GARDNER & SON, the well-known machine tool makers, of Montreal, showed at the Montreal Exhibition a sample of their new taper-attachment lathe, which was recently described in THE CANADIAN ENGINEER. The authorities of the Engineering Department of McGill College were so impressed with the importance of the improvements shown in this lathe, that they purchased this exhibit to add to their unique outfit of modern engineers' tools.

WHIPPLE & COOPER is a name new in the engineering realm of Canada, but one which, we venture to say without fear of contradiction, will become widely and favorably known throughout the Dominion. This firm, whose works are in Hamilton, and who manufacture brass goods of all kinds and babbitt and other metal, had an exhibit which attracted a great deal of attention from machine men, and will no doubt do much to introduce their name to the trade.

THE Bell Telephone Co. of Canada was another exhibit of more than usual interest in the electrical line. All the newest appliances connected with telephone work were here shown, and these exhibits in themselves constituted an interesting history of recent developments in this branch of electricity. Among other features of this exhibit was a police patrol and fire alarm system. The variety and excellence of this exhibit was frequently commented on by visitors, the Lieut.-Governor, among others, paying the company a compliment upon their display.

JOHN BERTRAM & SONS, Dundas, Ont., exhibited at the Toronto Exhibition five machine tools of their latest and most improved design, consisting of a 6 ft. 24 x 24 in. iron planer, which is in operation, and judging from the manner in which it takes a half inch cut from a block of iron, it cannot be equalled for power and smooth operation. The feeding device, which is patented, can traverse the tool from zero up to half inch at each stroke. They also showed a shaping machine, 15 inch stroke, both it and the planer have the power transmitted to the tool by worm or tangent gearing, which has more power than ordinary gearing, and produces absolutely smooth planed surfaces. This firm also exhibited a standard gap lathe 12 ft. bed 24 in swing, having their latest improved saddle, which has very long bearing on the ways; the cones and driving gear are powerful. A milling machine with 24 inch table of the plain type is another tool represented, as also their justly famed 1 1/2 inch bolt cutter of the Acme pattern; this machine is the most perfect and durable cutter made; the dies, of which there are four for every size, have large caps bearing on steel surfaces; it has oil pump and tank for distribution to the dies. All the above machines are picked from their wareroom, but judging from the beautiful, smooth finish of the castings which compose their get up, they can well compare with the finest American built tools.

Personal.

A. LAURIE, Forest, has sold his hardware business to D. C. McIntyre.

GEO. C. MEADER, superintendent of the Ingersoll Waterworks Co., has resigned and returned to Boston.

THE late John Morrisette, of Gillie & Morrisette, Cornwall, carried on the foundry business in that town for over 20 years.

DONALD KENNEDY, one of the best-known contractors in Guelph, Ont., was killed last month owing to the fall of a stone wall upon him.

P. EAGAN'S saw mill at Lac la Hache, B.C., which has just finished the sawing of 100,000 feet of lumber, will be removed to the 108 Mile-House.