

THE GURNEY MOP BOARD HOT WATER RADIATOR.

The E. & C. Gurney Company (Ltd.), Toronto, exhibited a decided novelty in a new mop board hot water radiator, which they are just placing on the market. In other radiators the appliance occupies considerable valuable floor space; and although they are made in different designs and sizes, and ornamented to correspond with their surroundings, yet the fact is obvious that a more compact device is sometimes necessary to meet conditions of arrangement of space and furniture. This mop board radiator is intended to meet these conditions. It is made to occupy a height no greater than that usually occupied by the mop board in dwellings—in fact it is intended to take the place of the mop board as far as it extends along the side of the room. The pipes from the heater in the basement are introduced into the room in the usual manner, preferably at a corner, where they are connected with the radiator. The radiator extends along one or two sides of the room, according to preference and size of room, the greater length and low height of it compensating for the greater height and shorter length of other styles. It must be remembered that the aggregate surface of tubes in any radiator is governed by the cubical contents of the room to be heated, a large room requiring a greater aggregate surface of tubes, or sections in the radiator, than would be required in a smaller room. Thus in this mop board radiator all the effects of heating can be obtained quite as readily and effectively as by other styles. In introducing the hot water at the corner of the room greater length of radiator can be obtained than by introducing it elsewhere; but wherever it is introduced it is desirable to extend the radiator in both directions from the introductory pipe. The advantage of this is that a four-way valve allows of the hot water being used in either or both directions at the same time. It may be made to conform to any irregular shape of a room, as in a bay window, corner, etc.; and in projection, height, moulding and general appearance with the wood mop board; and it can be ornamented to harmonize with carpet and furniture. All articles of furniture can be arranged in the room just as though the radiator were not there.

P. W. ELLIS & CO.

Messrs. P. W. Ellis & Co., manufacturing jewelers, Toronto, did not make an exhibit at the Fair this year. They have a continuing exhibition of their own at their warehouses at 31 Wellington street east and 40 Front street east, which would require a similar building to display anywhere else; and their goods are not of a character to be exposed in public places without observing the precautions that surround them where they are.

This is probably by far the largest jewelry manufacturing concern in Canada; and while they are not confined to any particular lines, they pay special attention to a few of the more expensive ones, being large importers of precious, semi-precious and imitation stones, diamonds and pearls being specialties. They inform us that the increasing desire of the public to select choice gems and direct the mounting of the same according to their own ideas, is developing an extensive special order business with them. They desire the trade to bear in mind that they keep a supply house, in which may be obtained every requisite necessary in the watch and jewelry trade; including a complete assorted stock of jewels, both loose and mounted; settings of all sorts, which, with a well equipped factory and a competent staff of designers, places the trade in a position to satisfy all the various requirements of their customers.

Messrs. Ellis & Co. also handle every requisite in the way of tools and machinery necessary in the repairing of watches, jewelry, etc.; and they want every watchmaker jeweler, engraver and journeyman engaged in the working of fine metals to know and remember their address, and to send to them for their new circular and price list of lathes and attachments.

To those who are in any way interested in medals and die work, it is suggested that a most beautiful display of medals—hundreds of them—are to be seen at the Permanent Exhibition of Manufactures, at 63 Front street west, this city.

KEMP MANUFACTURING COMPANY.

ONE of the most extensive—perhaps the most extensive—factories in Toronto, if not in Canada, is the Dominion Tin and Stamping Works of the Kemp Manufacturing Company, at the corner of Gerrard and River streets. The company give their entire attention to the manufacture of tinware of all descriptions, and of staple specialties. With their newly enlarged factory, which is fully equipped

with improved machinery, and with the superior facilities they possess, they are enabled to produce probably the largest assortment of this class of goods in Canada; and these advantages enable them to manufacture and market their products at the lowest possible prices. The lines manufactured by them include stamped ware, tinner's trimmings, japanned ware, toys, pieced tinware, polished ware, galvanized iron ware, coal hods, stove shovels, wire goods, machine oilers, lanterns, house furnishing goods, granite or agate ware, etc. Each of these sections embrace about every imaginable article embraced in it, the enumeration of which cannot be made here at this time, but they include everything for which there is a demand in the trade.

The main building of these works faces 60 feet on River street and extends 400 feet along the line of Gerrard street. It is built of brick and is two and four stories high. Adjoining the main building, and connected with it by suitable bridges and passage ways, are other and similar buildings, in one of which is a large assembly room specially devoted to the uses of the employees, where they hold frequent meetings, re-unions and social gatherings. The works embrace a floor space of about 95,000 square feet and are equipped with a full and complete outfit of all machines and machinery necessary in the production of the different lines of goods. In fact each and every process necessary in the production of these lines of goods is embraced in these works, and done on the premises, giving employment to over 200 hands.

DOMINION ORGAN AND PIANO COMPANY.

ONE of the most beautiful kiosks on the Exhibition Grounds was that belonging to the Dominion Organ and Piano Company, of Bowmanville, Ont., and one of the most interesting exhibits shown at the Fair was that of the organs and pianos manufactured by this company. Musical instruments cannot be properly tested or appreciated in a large building while thousands of idlers are passing, every footfall adding to the general noise and confusion, and while other instruments are being banged upon by every comer who desires to exhibit amateur proficiency. It was for this reason this company erected their beautiful building, and it is to it that lovers of music always congregate. The company's exhibit is always a decided feature of the Fair, and their kiosk is always sumptuously furnished with costly carpets, upholstery and ornaments, but the styles and variety of instruments they show are its chief feature. The variety of woods used, the beauty of design, the improvements recently introduced, the magnificent workmanship and the charming tone of the instruments speak well for the taste of the people into whose homes they go. The sales of the company are not confined to Canada only, for before now the people of the United States have learned to recognize that it is sometimes their interest to buy certain lines of Canadian manufactured goods in preference to those of their own country. The pianos have likewise found their way into the English, French, German and Australian markets, where they have been recognized with credit to these eminent Canadian makers. Enterprise is not a quality that can succeed with impulsive, occasional starts. It wants to keep steadily on, never resting. The enterprise of a year is immense when one comes to look at it. Improvements introduced gradually, more expensive material used, as the profits on increased trade justified, mount up considerably in twelve months. In the Dominion Organ and Piano Company's instruments exhibited this year there is material used which is quite new to the public. Here is a list of woods which may excite wonder among those who understand the trade: Circassian stripe, California redwood, green curl, cocobola, antique oak, mahogany crutch and plum pudding mahogany, in addition to plain mahogany and amboine. Most of these are absolutely new woods, so expensive that the most advanced modern trade only can afford to use them. Grand, upright and square, all these pianos are as luxurious as desire could have them. The upright pianos are models of perfection in every way. The volume and purity of tone in them have made their reputation wherever they have been heard. There are several styles in grands, and a greater variety still in the square pianos. These latter are favorite styles, and in those on exhibition there are all the important recent improvements. Their richness of tone is wonderful, which, with their singing quality and perfect touch, have brought to them a deal of the attention of the visitors to the Exhibition. In point of construction, solidity and beauty, they are also entitled to be judged as perfect instruments as are made to day in any quarter of the world.

The points of excellence embodied in these instruments are: power and volume of tone; capacity for variety of effect and of expression, quickness of touch; uniformity of tone; smoothness and perfection of action; style and beautiful appearance of case;