

**NEW RADIATOR SYSTEM.**

The question of heating apparatus is always of great importance to the house owner and to the constructors of big office buildings and large churches and halls. Every now and again we are told of improved methods of heating, and intricate and costly apparatus is offered to the public upon the claim that it is far superior to anything of that kind ever offered to the public before. Users of

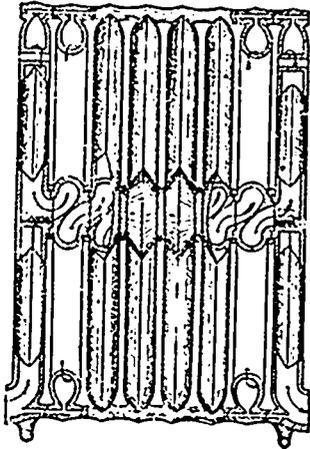


Fig. 1.

heating plants are always on the alert to adapt themselves to the times and are fully alive to their own interests. THE CANADIAN MANUFACTURER numbers among its friends a large majority of the big heat users of Canada and desires to draw their attention to a recent addition of heating appliances that is claimed to be far and away the best in existence.

The Ontario Radiator Company, Limited, have their office headquarters at 53 Canada Life Building, Toronto, Ont. They are arranging to enter into the manufacture of radiators on a large scale, and build a radiator which is positively circulating. Their radiator is adapted to either steam or hot water, thus avoiding the purchase of two sets of radiators in case a heating plant is

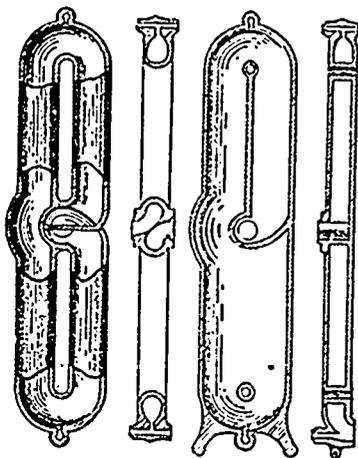


Fig. 2.

changed. A trouble common with radiators is the inadequate means of draining off air from the inner loops. The new radiator is built with an air passage across the top which prevents the "pocketing" of air in the tops of the loops. This modification is the key

to the radiator's adaptability to either hot water or steam. The constant circulation in such a radiator causes the hot water or steam to keep flowing upward, thus giving a uniform temperature all over the radiator. The interior tubular pipe that makes the connection across the tops of the loops is in circulation with the loops, but yet is small enough not to interfere with the circulation. A similar passage at the bottom of the loops allows condensation to escape into the feed and return pipe, according as the system is one or two pipe. The joints of the radiator are screw joints without bolts or packing, being joined by screwing malleable coupling nuts on to externally threaded hubs. By this means the coupling nut never comes in contact with the steam or water passing through the radiator and thus can never corrode. In addition to that the expansion of the metal in the radiator loops, when heated, will rather tend to tighten than to loosen the joints.

The system of circulation and the new joint constitute the features of the new radiators, and an added advantage is the facility with which a radiator of this type may be extended or diminished by reason of the external joints.

These radiators are made in every style and size, and graded to suit all purposes from the workshop to the drawing room. It is needless to go into details in this regard further than to say that the latest designs are very handsome and perfectly adapted in fit and finish to every imaginable purpose for which heating apparatus is required. The Ontario Radiator Company have many testimonials as to the efficiency of their radiator which has been operated on the same steam circuit with those of other makes with a result which should delight the hearts of the proprietors of the new radiators. It is a radical departure from old styles. It is endorsed by the best authorities as remarkably efficient, and if you are a user of heating apparatus you are interested in the "Ontario" radiator, cross-sections of which are herewith illustrated. You may secure many particulars of which space forbids the presentation here, by dropping a card to 53 Canada Life Building, Toronto, Ont.

**CANADIAN POINTERS.**

Canada first!  
 Canada for Canadians!  
 Patronize Canadian Industries!  
 The Union Jack is your flag—stand by it!  
 Canadian money spent in Canada develops Canada.  
 The employment of Canadian Labor creates the best market for everything you produce!  
 Canada—England—Ireland—Scotland—Australia—New Zealand—South Africa—India The Greater Great Britain, is your rich heritage. Do you appreciate it?  
 Build up trade with Great Britain, and our sister Colonies—good prices—sure pay—prompt pay—the largest and best market in the world.  
 Canadian workmen eat Canadian Flour, Butter and Eggs. Do you want more or less workmen in Canada?  
 The United States people turn back our Nurses, Mechanics and Laborers—they do their best to keep out all the products of your farm. Will loyal Canadians support United States industries when they can buy as good or better goods from Home Industries?—Massey-Harris Illustrated.

**THE HAMILTON BRIDGE WORKS COMPANY, LIMITED.**

The works of above company are at present exceedingly busy and running to the utmost capacity.  
 They are working on several large bridges for the Canadian Pacific Railway and Grand Trunk Railway Systems.  
 The Rouge River Bridge for the G.T.R. at Port Union, 135 feet double track span, weighing about 260 tons, which is about the heaviest span of its length in Canada. They have just closed a contract with the Canadian Pacific for the Galt bridge to take the place of the present structure. The new bridge will consist of 5 spans of 150 feet and 3 approach spans of 90 feet. The total estimate weight being 1,000 tons.

**For Your Own Satisfaction...**

It will pay to specify "OWL BRAND" when ordering

**CORRUGATED IRON**

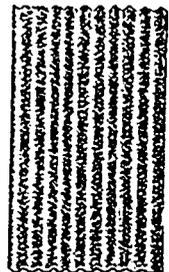
We are prepared to supply all gauges and sizes—galvanized or painted straight or curved.

Our "OWL BRAND" Corrugated Iron is reliable; made from sheets of the very best quality—you will find it entirely free from pin holes, scale or other defects.

IT IS PRESSED—NOT ROLLED—the corrugations are all uniform, fitting squarely at the ends and side without waste.

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Full information on application.



**METALLIC ROOFING CO., Limited**

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