

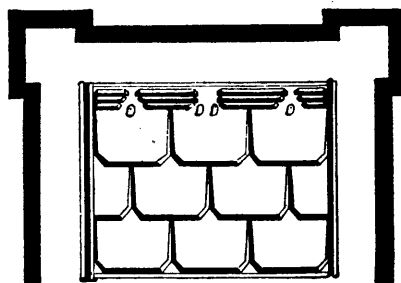
## Metallic Skylights

The acme of Skylight perfection!

We make them from hollow bars of Copper or Galvanized Steel—in styles and sizes to suit all kinds of roofs.

They are very strong, and unaffected by cold or heat, as there is neither contraction nor expansion—and, if glazed with our fire-proof glass, they are absolutely fire-proof.

**METALLIC ROOFING CO.,**  
Limited,  
Wholesale Manufacturers,  
TORONTO, CANADA.



## Eastlake Steel Shingles

either Galvanized or Painted

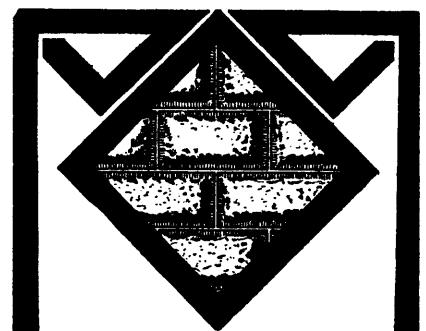
**Are Always Reliable**

They are more economically durable and quicker to apply than any others, fitting accurately—and therefore most easily laid.

They have been thoroughly tested in all kinds of climates, invariably proving **Fire, Lightning, Rust and Weather Proof.**

If you're building, make sure of satisfaction by ordering **EASTLAKE'S** for the roof—fullest information if you write.

**Metallic Roofing Co., Limited,**  
WHOLESALE MFRS., TORONTO, CANADA.



A handsome steel siding for all kinds of building purposes; supplied either Galvanized or Painted.

## OUR ROCK FACED STONE

is fire and damp proof—resists all weather conditions—is very reasonably priced—and can be so easily applied it gives universal satisfaction.

Find further facts about it in our catalog.

**Metallic Roofing Co., Limited,**  
Wholesale Manufacturers,  
Toronto, Canada

## THE EBY EXHAUST HEAD.

The accompanying illustration is of an exhaust head, which is now being put upon the market by the Eby Mfg. Co., 581 King Street West, Toronto. Regarding it they say that this head removes about all of the water held in the steam, returning it to the heater. The construction of it is simple and the

work very effective, the value of it being seen in the large saving in the fuel bill. This exhaust head is adapted for all purposes where steam is used.

This company make a specialty of apparatus for steam laundries, in which they have had many years experience. For further particulars apply to the company as above.

## THE BRISTOL CO.

The Bristol Co., Waterbury, Conn., has sent us an illustrated catalogue of their recording volt, ampere and Watt meters.

In describing the volt meters, they say one of the current coils is rigidly secured to the back of the instrument, the other is movable, and is supported by a pair of frictionless spring knife-edges resting in the V cuts at opposite ends of a shaft through its centre. The pen arm is attached directly to the right-hand spring and partakes of its motion, recording the changes of voltage on a uniformly moving chart driven by a clock designed for this purpose. The instrument is constructed on electric balance principle without permanent magnets. This instrument is so designed that it is especially sensitive

at the upper portion of the scale. At the working ranges the records show completely the changes that have occurred in the voltage, even though in many cases the variations are only small fractions of one volt.

A novel feature of the ampere meters is the form of armature, which is used to procure a chart with the divisions nearly uniform throughout its range. It consists of two parts, a flat and very thin disc of iron and a small sleeve or core of iron on a non-magnetic shaft. The sleeve is completely concealed from view within the solenoid. The disc is stiffened by a plate of non-magnetic metal. The armature and moving parts are reduced to a minimum in size and weight to avoid magnetic lag. For instruments up to 1,200 amperes capacity the solenoids are designed to carry the entire current, but for ranges over this, the excess passes through a shunt which forms a part of the instrument.

In the Watt meters one of the knife-edge supports is made with a double bearing and replaces one of the spring supports as employed in the usual type of recording volt and ampere meters. The effect of using this form of support is that the motion of the movable coil is multiplied, the potential and current coils can be located very closely together, and consequently it is possible to obtain an evenly-divided scale, as the magnetic field is quite constant over the short distance that the coil moves.

For further information apply to the company as above.

## A NEW PUBLICATION.

An interesting publication, dealing with Canadian affairs is being issued by George N. Morang & Co., Toronto, and will no doubt commend itself to everyone who has business or personal interests in

Canada. It is entitled, Morang's Annual Register of Canadian Affairs, and is edited by Mr. J. Castell Hopkins, author of the Story of the Dominion, and the Progress of Canada. The volume contains invaluable information concerning the Dominion in its commercial, financial, agricultural, mineral, educational, political and external interests. Many Canadians will also find a peculiarly personal value in its record of events in which they have perhaps shared, and they will naturally appreciate this yearly epitome of their own participation in the development of the country in which they live. The first volume is limited in its edition and will grow more valuable as the years pass on, so that those who wish to possess in the future a complete set of this important annual work will do well to order at once.

## OPPORTUNITIES.

The following enquiries have been received at the offices of the High Commissioner for Canada in London, and at the Canadian Section of the Imperial Institute, London, England.

**NOTE.**—Those who may wish to correspond with any of these enquirers can obtain the names and addresses by applying to the CANADIAN MANUFACTURER, Toronto. No charge for giving information. When writing refer to the numerals opposite the enquiries, and enclose two-cent postage stamp for reply.

768. A London agent wishes to hear from Canadian firms exporting plumbers and engineers supplies and accessories, cheap furniture, caskets and coffins, marble, etc.

769. Enquiry is made for Canadian producers and shippers of molybdenite and tungsten.

When writing to Advertisers kindly mention THE CANADIAN MANUFACTURER.