

VIEILLE MONTAGNE ZINC WORKS.

These extensive works, the largest zinc works in the world, are situated at Chenec, a Belgian village near Cockerill Works, at Seraing, near also to the glass works of Val. S. Lambert, and employ 1,800 hands. The total number of work people employed by the Vieille Montagne Company is 7,500, who are distributed over 18 mines and smelting works in France, Germany, Algeria, Spain, Sardinia and Sweden. Their mines annually supply them with 70,000 tons of minerals of various kinds, besides which they purchase large quantities. The total indicated horse-power of their engines is 5,000. At the Central Works at Chenec the processes of smelting the ore, and rolling and manufacturing the zinc plates are carried on, and 750 men are employed. The grinding and mixing of the clay, and the moulding of the crucibles in which the zinc ore is smelted, are among the most important operations performed in the works; the clay is mixed, pugged, and moulded into crucibles by self-acting machinery. As an example of the saving of manual labour caused by the use of improved machinery, we were informed that three men and three boys now attend on one machine, which in a day of ten hours, makes 110 crucibles, of 4 ft. 6 in. in length, by about 8 in. in diameter, to produce which forty men, at much higher wages, were formerly required.

An enormous trade is done in sheet zinc, rolled to suit the requirements of customers as to size and thickness. They also have a very large sale of tiles, beads, and gutterings for roofs of churches and houses. These are made of many shapes, and on the benches in the workshops they have numerous models of roofs of churches and domestic buildings, showing on a small scale the shapes of the tiles required for different purposes. The patterns of ornamental articles of every conceivable kind to which zinc can be applied are distributed in books by the company.

To show the relative importance of these works compared with those of other countries, the director, M. Saint Paul de Sincay, states that the zinc products of the world amount to 236,000 tons annually. These are supplied as follows:—Vieille Montagne, 50,000 tons; other works in Belgium, 24,000 tons; Silesia, 70,000 tons; three or four works, Rhine, 36,000 tons; England, 25,000 tons; France, 12,000 tons; Spain, 4,000 tons; United States, 15,000 tons; total 236,000 tons. The Vieille Montagne Company export about 10,000 tons annually to England, 20,000 tons annually to France, and 10,000 tons annually to Germany. The rest of their product is used mainly in Belgium. It is very remarkable that this industry, which flourishes in Belgium and Silesia, should be comparatively neglected in England, considering the advantages which we possess in the cheap transport of ores from various parts of the world. It is a remarkable fact that the zinc products of Belgium are three times greater than those of England, and that the Vieille Montagne Company alone export to this country 10,000 tons, while our own total production is only 25,000 tons. It has been said that in the reduction of the ores in the crucibles, a most delicate operation, the Belgians and Germans have acquired greater skill than has hitherto been shown by Englishmen, and that although foreign workmen have been introduced into England, the result has not been attended with success. Undoubtedly the palm in this important industry is borne by foreign producers. —Iron Trades Journal.

—The Temperance Colonization Society, it is stated, has made application for supplementary letters patent to enable it to make its share \$40 instead of \$100 as required under the existing by-law.

—Letters patent have been issued to the Lieve Land and Phosphate Company with a capital of \$75,000 headquarters at Montreal, also to the Thousand Islands and Montreal Steamboat Company, with a capital stock of \$100,000.

—At a meeting of the creditors of Levi Hart & Co. on the 15th, their offer of 75 cents at 4, 8 and 18 months unsecured was accepted unanimously. Liabilities \$184,000. Assets \$98,000. Mr. Hart has for some years fought an up-hill battle in trade with industry, courage and integrity that have won the admiration of his fellow-merchants, so states a Halifax journal. Much sympathy is expressed for his firm in their present difficulties, which are entirely due to losses through the recent large failure in the West Indian trade.

THE PENMAN

MANUFACTURING CO., Limited.

Manufacturers of

Ladies' Misses',

Gent's and Boys' Underwear,

Glove and Rubber Lining,

Yarns, Horse Blankets, &c.

Also, The Celebrated PATENT SEAM-LESS HOSIERY, smooth and equal to hand knitting, in COTTON, MERINO, WOOL, with three-ply heels, double toes for Ladies, Misses Gents and Boys.

Mills at PARIS, ONTARIO, Canada.

JOHN PENMAN, President.

Agents:—D. MORRICE, SONS & CO.,
MONTREAL AND TORONTO.

Caution ! Caution ! !

It having come to the knowledge of the undersigned that attempts have been made to introduce for sale in the Dominion of Canada an imitation of our

ACME SKATES

in violation of our patent rights;

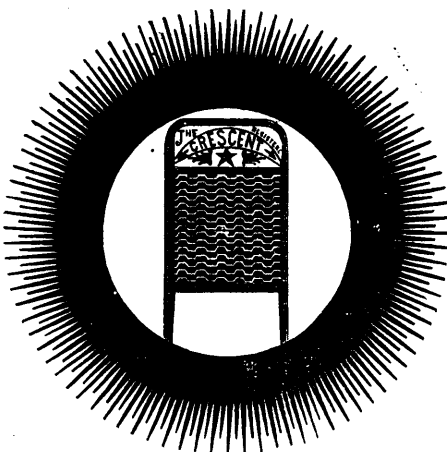
THIS IS TO CAUTION all dealers against purchasing the same, as parties found importing or dealing in those imitations will be prosecuted.

THE STARR MANUFACTURING CO'Y.

Halifax, N. S., May 1st, 1884.

TRY
THE

"GREGSCENT"



WASHBOARD

SEND FOR QUOTATIONS.

CHAS. BOECKH AND SONS

80 YORK ST., TORONTO.

W.H. STOREY & SON,
SOLE MANUFACTURERS
IN CANADA
of
PAT. NAPA BUCK CLOVES
BEST
IN THE WORLD
SEE THAT THEY BEAR OUR NAME
ALL OTHERS ARE FRAUDULENT IMITATIONS.
ACTION ONT.

NOTICE TO CREDITORS

OF CHARLES T. MEAD, of Toronto, fur dealer and manufacturer, trading under the firm name of C. T. MEAD & CO. Notice is hereby given that the said Charles T. Mead has made an assignment of his estate and effects to Edward R. C. Clarkson, of the City of Toronto, Accountant, in trust for the benefit of all his creditors, and that persons having claims against him are required to send in their names, residences, and particulars of their claims, and the nature of security (if any) held by them, by letter, prepaid, addressed to the undersigned, on or before the 10th of August, 1884. And notice is hereby given that after that date the said Trustee will proceed to distribute the assets of the said Charles T. Mead among the parties entitled thereto, having regard only to the Claims of which notice shall have been given, and that he will not be liable for the assets, or any part thereof so distributed to any person or persons of whose debt or claim he shall not then have had notice. E. R. C. CLARKSON, Trustee, 26 Wellington St. E., Toronto.
Toronto, September 25, 1883.

NOTICE TO CREDITORS

OF PATRICK SLAVEN, Dry Goods Merchant, Nap- anee. Notice is hereby given that the said Patrick Slaven has made an assignment of his Estate and effects to Edward R. C. Clarkson, of the City of Toronto, Accountant, in trust for the benefit of all his Creditors, and that persons having claims against him are required to send in their names, residences, and particulars of their claims, and the nature of the security (if any) held by them, by letter, prepaid, addressed to the undersigned, on or before the 10th day of AUGUST, 1884. AND NOTICE IS HEREBY GIVEN, that after that date, the said Trustee will proceed to distribute the Assets of the said Debtor among the parties entitled thereto, having regard only to the Claims of which NOTICE shall have been given, and that he will not be liable for the assets or any part thereof, so distributed to any person or persons of whose debt or claim he shall not then have had notice. E. R. C. CLARKSON, Trustee.

June 18, 1884. 26 Wellington street, East, Toronto.

The Glasgow Herald,

(Established 1782.)

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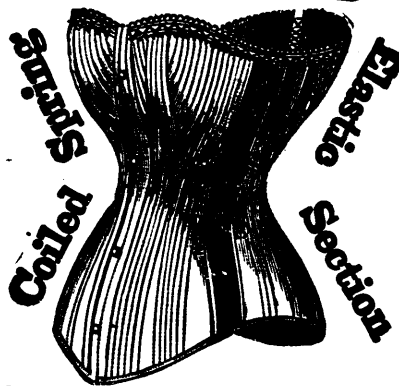
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