

CANADIAN MECHANICS' MAGAZINE

MAGAZINE

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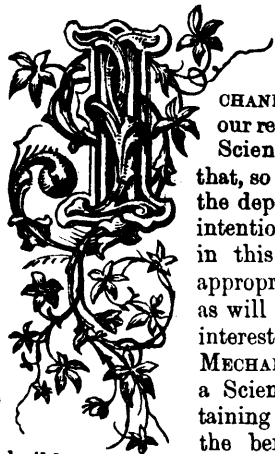
PATENT OFFICE RECORD

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PROSPECTUS FOR 1878.



N commencing the sixth volume of the CANADIAN MECHANICS' MAGAZINE, we beg to assure our readers, and all those interested in Science and Technical information, that, so far from being discouraged by the depression of the times, it is our intention to make great improvements in this volume—particularly in an appropriate selection of such subjects as will be found of real utility to all interested. The price of the CANADIAN MECHANICS' MAGAZINE is very low for a Scientific Illustrated Journal containing such practical information for the benefit of architects, engineers,

builders, carpenters, plumbers, painters, and all the various trades and professions; but the price has been made small to enable it to reach the masses, which makes it still more deserving of general support.

We have in previous articles stated that, from year to year, it would be our interest and main object to preserve in it such features as have shown themselves valuable; to strike out those not particularly suitable for the country; and to add, in place thereof, such other subjects as would be of more utility to the reader. Having this object in view, it will be perceived that we have given fewer illustrations of an unimportant character and more letter-press in lieu thereof. We have, also, now adopted the plan of placing the letter-press, descriptive of an illustration, on the same page with it. We have further arranged our sheets so that on particular pages those connected with mechanical trades will find out at once that which particularly relates to their own business. We purpose also opening a page for describing, monthly, those Canadian inventions in the PATENT OFFICE RECORD, which appear to us desirable to bring before the notice of the public, and the back of the cover will be entirely devoted to a Business Mechanical Directory which will be found of much use to country subscribers.

We shall particularly, this year, solicit discussions in our columns on topics which come within our general

scope, and will endeavor through our "Queries and Answers" department to answer all questions propounded.

Another feature of improvement will be an increased attention to the building interests of the country, for which we specially invite architects and builders, everywhere, to send us all matter that is deserving of notice in this publication. A page of Designs for Architecture will be given in each number, and we hope our architects will contribute thereto.

It is much to be desired that the manufacturing interests of the country should receive more particular notice through a recognized channel, and there is none more suitable for it than this Magazine. Every manufacturer in the Dominion should be a subscriber.

The importance of supporting a Technical Journal (and this is the only one published in the Provinces) is so great to comparatively a new country, that it cannot be too highly estimated, not only by scientists, manufacturers and the mechanical trades, but by a large portion of the mercantile community, whose prosperity is always in ratio with that of the people who are connected with manufactures and mechanical pursuits; and this is an opportune time to urge upon all who are interested in the increased development of our crude resources, to endeavor to lend a helping hand to assist our manufacturers and mechanics, so that our factories may soon be again in full blast and new industries created and opened out to the world's wide market. To do this and to maintain an even degree of prosperity, it is most essential that the technical education of young men intended for mechanical trades should receive more public attention, particularly in our public schools. We cannot be blind to the fact that we are, as a body, much behind our neighbors across the line, and also the mechanics of Great Britain, in technical education and practical experience. For this no blame can be attached to the people. In intelligence and handicraft, when properly instructed, they are inferior to neither—they simply want instruction and training. In the United States great encouragement has always been held out by men of wealth and the Government of the country to the arts and sciences and the mechanical trades—and the latter have always held a higher position there than in Canada. The result of such encouragement has created a national taste for technical instruction, which, year by year, under