

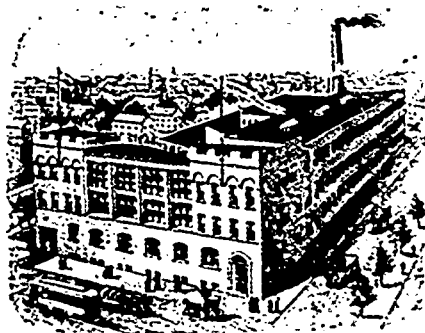
tion of and sold under the name of another article. If placed under drugs, it must also be regarded as adulterated, since it differs from the standard laid down in the British Pharmacopœia. In my report to you of October 10th I called your attention to twenty-five of these cases of adulteration, and recommended that in these the provisions of the Adulteration Act should be applied.

Frederick Stearns & Co.

THEIR HANDSOME NEW LABORATORY.

In the history of the pharmaceutical trade of Canada there is probably no firm which has come so rapidly to the front as Frederick Stearns & Co. Their first Canadian laboratory, at Windsor, Ont., was built for them in 1884, and their trade has increased so largely that the building has long been too small to meet the demands of their business, and they were forced to erect a new and handsome building, into which they have recently moved, which is without question the most modernly equipped and perfectly constructed of its kind in the Dominion.

Being about midway between the Grand Trunk railway, Canadian Pacific railway, and the Michigan Central railway, it enjoys exceptional shipping facilities.



The main building is 100x45, three stories in height, with fine cement cellar, while the south wing extends from half the front to the end of the lot, being 85x45. Entirely separate from and yet adjoining the wing is the power building, containing the boiler and engine, as well as dynamos for electric lighting, covering an entire floor space of 34,000 square feet.

While the building gives an impression of ornate exterior, yet its artistic effect has not been carried to the detriment of utility or solidity. The main plan has been to utilize all the best of the modern ideas, so that the economies of conduct-

ing the business may in themselves produce a profit. The savings alone with so modern a system as this are sufficient to pay the interest on the investment, and thus places such manufactories at a great advantage over less modern and not equally equipped ones.

As an instance of this, the power, heating, and lighting plant alone, by the system of heating used, every ounce of steam generated in the engine for producing power is used again for heating purposes, and finally returned to the same boiler in the form of boiling water. No steam being lost, the actual heating of so large a building costs really nothing.

The same economic idea is carried out in everything, and while the first cost of installation is far in excess of the old system, the saving is so great that it can hardly be considered.

The offices are on the second floor overlooking the river, and are finished in natural woods with polished floors, while the rugs and pictures give an aspect of good taste, yet not extravagance. The private office of Irving H. Taylor, the manager, is a model of neatness and comfort.

The entire third floor of both buildings, covering over 8,000 square feet, is devoted to the manufacturing of pills, tablets, and similar products. Here can be found every piece of machinery requisite for the manufacturing and coating of pills, and no more perfect plant can be seen. The capacity of this pill plant alone is over half a million pills per day.

Frederick Stearns & Co. were the first firm to establish a complete pill plant in Canada, and their reputation for fine pill work is to day unequalled.

On the second floor are situated the fluid extract department and the perfume manufactory, while the second floor of the power building is occupied by the milling room, where are ground and powdered all the drugs which require to be subjected to such treatment before percolation. In this department are found disintegrators for grinding, chasers for pulverizing, cutting machines, ball mills, pebble mills, sifters, etc., only the most modern of machines being used.

After being percolated the drug is subjected to enormous pressure in a steel-jointed press, and the percolate is further treated by steam distillation to recover the alcohol left in it.

The greatest care is constantly main-

tained to produce goods of the highest quality, and whenever possible the product is assayed to definite strength. The ground floor of the west wing is given up to the general manufacture of liquids, such as elixirs, syrups, tinctures, specialties, domestic remedies, etc., while the ground floor of the main building is occupied by the finishing room, the stock room, and the shipping department.

The whole arrangement of the building is one of progression, from the crude drug and stock room through the various stages until it emerges at the finishing and stock room ready for shipment.

They have a complete private telephone system throughout the laboratory, having no less than nine 'phones throughout the building.

Neither pains nor expense have been spared to make the laboratory thoroughly fire proof, and the health of the employees is guarded in every way, and everything points to a completeness that makes it a credit to Windsor and to its proprietors.

The greatest credit is due Irving H. Taylor, who has been manager of the Canadian business ever since its inception, and his progressive ideas and determined energy have contributed very largely towards the satisfactory success which has attended it.

Frederick Stearns & Co. have recently moved into their new laboratory in Detroit, taking up an entire block, and their building is claimed to be one of the largest and most complete of its kind in the world.

They have warehouses in New York and London, England. Their foreign trade is a very heavy one, embracing all civilized Europe, South Africa, Australia, India, Philippines, China and Japan.

Barrie and the Real Thrums.

"The Real Thrums of Barrie" is to be one of the features of the *May Ladies' Home Journal*. It is a most charming picture of Mr. Barrie and his beloved Thrums, penned by Miss Mary B. Mullett, a writer whose profound admiration for the author led her on a pilgrimage to Thrums. She chatted of Barrie with his neighbors and with the prototypes of his characters in "A Window in Thrums," identified the scenes portrayed in that book, and caught a glimpse of the author himself. She writes of all these with a freshness and enthusiasm which bring Barrie and his home into realistic view, a picture full of spirit, atmosphere and action—literally a moving photograph of the people and place.