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# CANADIAN DRUGGIST.

DEVOTED TO THE INTERESTS OF THE GENERAL DRUG TRADE AND TO THE ADVANCEMENT OF PHARMACY.

VOL. 3. { PUBLISHING HOUSE, }  
{ STRATHROY, ONT. }

FEBRUARY, 1891.

{ 6 WELLINGTON ST. WEST, } No. 2.  
{ TORONTO, ONT. }

## CANADIAN DRUGGIST.

WILLIAM J. DYAS, - Editor and Publisher.

SUBSCRIPTION, \$1 PER YEAR, IN ADVANCE.

Advertising Rates on Application.

The Canadian Druggist is issued on the 15th of each month, and all matter for insertion should reach us by the 5th of the month.  
All cheques or drafts to be made payable to the editor.  
New advertisements or changes to be addressed

CANADIAN DRUGGIST,

TORONTO OFFICE, STRATHROY, ONTARIO.  
6 Wellington St. West.

### SPECIAL REMINDERS.

We issue on the 15th of each month, therefore, Correspondence should reach us by the 7th.  
New Advertisements should reach us by the 7th.  
Changes of Advertisements should reach us by the 5th.

### Purchasing Patent Medicines.

THE sale of patent medicines must necessarily form an important part of the stock-in-trade of the retail druggist, but it is one of those lines which, perhaps, more than any other, requires great care and judgment in purchasing. Proprietary articles which have fallen into disuse and consequently never asked for, are the worst kind of "dead stock," for, with very few exceptions, the purchaser asks directly for the article wanted, such as "Smith's Sarsaparilla," etc., instead of asking the druggist to recommend one, consequently it does not pay to buy any article for which a demand has not already been created. Notwithstanding this fact, how frequently do we find the druggist loading himself up with a stock of goods, of which he may never make a single sale, and which stock he would gladly dispose of very shortly after, if he could, at one-fourth of what it cost him.

The great evil seems to be that business men are anxious to obtain a supposed advantage over their competitors (we say supposed, because what patent or proprietary article is there on the market to day that cannot be purchased in any quantity desired from the wholesale dealer) and, the delusion that any man can obtain the complete control of a medicine is too absurd for any practical man to admit. But this is practically the real reason, as has been too often exemplified. The man who offers complete control offers precisely

what he cannot give, and the purchaser will find this to his cost. Again, we have the manufacturer, or his agent, who represents that, on condition of the purchase of a certain quantity of his goods, you will not only have the full control of your section but you will receive a handsome bonus of something on which he places a fictitious value, and perhaps at the same time promises liberal local advertising either through the local papers or by house to house distribution of samples, etc. Many druggists have found themselves in this way loaded down with goods, which although they may have some medicinal value, still they must be only charged to the wrong side of the "profit and loss" account. The trade should therefore be constantly on their guard "promises are like pie crust easily broken," and too frequently the druggist finds that in his desire to get a little ahead of his neighbor in business, he may possibly in the supposed advantage find himself the worse off. Our advice, after practical experience, is, do not purchase until an article is properly advertised and the demand created then and then only will you feel yourself justified in placing the goods in stock. The manufacturer who intends to deal honestly with the retailer must and will see first that the demand is created, and this can only be done permanently and effectually through advertising. This advice we know is somewhat too late for many who have suffered in this way some of them but very recently—but we trust it may be the means of deterring others for whom the trap has yet to be laid, and if any of them will profit by our admonition we shall feel that we have saved money to at least some of the trade.

### Pharmacy in the West Indian Islands.

Now that considerable interest is evinced in the export trade of this country, and that negotiations have been begun by the Finance Minister of Canada looking to a further increase of trade with the West Indies, it would be well for the wholesale drug and patent medicine trade to see that in the anticipated increase of business in that direction, their lines should be fully represented. The amount of exports in the drug line, outside of perhaps one or two patent medicine houses, is very small, but if the negotiations mentioned are brought to a successful issue there should be no reason why a consider-

able trade should not be done there. In order to give some idea of pharmacy in these islands of 5,000,000 inhabitants, we append a portion of the article which appears in the *Chemist and Druggist* of Dec. 27th. Speaking first of Jamaica, it says:-

"The island is governed by a governor and legislative council, assisted by a Privy Council, local affairs being attended to by parochial boards. The arrangements for education are good. It is as well to note that Kingston is the only town of over 10,000 inhabitants. It has nearly 40,000, and Port Maria, Spanish Town, Montego Bay, and Falmouth, are the next in importance. As to pharmacy there is a law, passed in 1881, preventing all but those properly qualified from selling poisons. Certificates of competency are granted by the superintending medical officer, under whom are a number of medical practitioners of the "Island Medical Service" retained by the Government as district medical officers. The examination is held periodically at times and places decided upon by the superintendent, and candidates pay £2 entrance fee. Every candidate must show satisfactory evidence of having been engaged for at least three years in the study of pharmacy, one year of which must have been devoted to dispensing work under a qualified medical practitioner or licensed dispenser, and pass in the following subjects:-

(a) Reading and translating autograph English and Latin prescriptions and detecting errors and unusual and excessive doses.

(b) Dispensing prescriptions and writing legible directions.

(c) Recognizing the extracts, pill masses, powders, tinctures, wines, ointments, &c., of the British Pharmacopœia, and specifying their doses and the ingredients comprising them, and the method of their manufacture.

(d) Recognizing the barks, roots, leaves, gums, resins, &c., used in medicine, and specifying the official preparations into which they enter, whence they are chiefly obtained, and the names of the plants that produce them.

(e) Distinguishing by sight and taste (not analysis) some of the chief chemicals of the British Pharmacopœia, specifying their doses, the method of their manufacture, their characters, and tests.

Provision is made for re-examination in cases of failure, but after repeated failures candidates are sent back to their studies for a year. The medical board have power to accept such certificates as the British "Minor" in lieu of their own. Those who obtain the license are called licensed dispensers, and are eligible for the public appointments as such, to which salaries of £50 to £60 a year are

attached. Jamaica gets most of its supplies from the sources indicated below.

Of the smaller islands Barbados is one which has a legislative assembly of its own, but as yet it has no act controlling pharmacy or the sale of poisons. The population of the island is about 180,000, and the industries are similar to those in Jamaica. There are several towns, but the single word Barbados suffices to describe the whole. Mr. W. Julian Knight, one of the leading pharmacists of the islands, informs us that there are about seven or eight "druggists' shops" kept by men who have had training of from five to fifteen years before starting for themselves, but there are a good many smaller businesses carried on by persons of less experience, owing to the absence of a Pharmacy Act. All sell drugs, patent medicines, and druggists' sundries, but very few of the smaller shops undertake dispensing. Grocers, spirit dealers, &c., also sell a good many of the more popular patent medicines, and a few of the commoner drugs in packets.

Most of the drugs and chemicals are imported from London through two or three of the leading wholesale houses there, but a little business is also done with America and Germany, the latter principally for chemicals. The prices for prescriptions are below those obtained by the better class of chemists in London and other large towns, but by no means so bad as in many of the "cutting" towns; although in the matter of the more popular patent medicines, toilet articles, &c., chemists in Barbados have to contend with very keen competition from the co-operative and other stores. A very fair business is done in the cheaper toilet articles, patents, &c., but the island being rather poor and very densely populated, the higher-priced articles do not find a ready sale. Out of about twelve doctors only one dispenses his own medicines; the rest allow their patients to take the prescriptions where they like, except in one or two cases where the doctor is interested in some particular drug-shop, when the patient is requested to go there. This does not apply to homoeopathic practitioners, all of whom dispense their "pilles" and "drops" themselves, as there is no homoeopathic pharmacy in the island, although a good deal of that kind of medicine (put up in phials by such houses as Ashton & Parsons, of London, and Humphrey, of New York) is sold by general dealers. The British Pharmacopœia (1885) is the recognized standard, but some physicians who have graduated in the United States take the Pharmacopœia of that country as their guide. These remarks apply equally to Jamaica, where the conditions of practice are similar.

Of the Leeward and Windward Islands (Antigua, Dominica, St. Lucia, Grenada, St. Vincent, &c.) the only one which need be mentioned is St. Vincent, which is typical of the whole in many respects, especially in regard to population, which, in the case of no island exceeds 50,000.

Thus, Grenada has 42,000 and St. Lucia 41,000.

Kingstown, the capital of St. Vincent has a population of nearly 6,000. The ratio of whites to blacks in these islands is about the same as in Jamaica. Some time ago we had an interview with Mr. B. K. Bidley, of St. Vincent, in the course of which he informed us that five or six years ago an Act was passed by the legislative assembly to regulate the sale of poisons, and retailers of poisons are required to pass an examination similar to the Minor. This examination is conducted by medical officers as in Jamaica, the fee being £10 for the license. English and Irish diplomas are accepted in lieu of it. The pharmacy of the island is in the hands of English chemists; there are a few Americans, but the British Pharmacopœia is the recognized standard for medicines. It is significant that licentiates of pharmacy have the exclusive sale of chemicals, drugs and medicines, but they are not allowed to prescribe, and the only dispensing done is for the better-class people. Prices are fairly good—2s. to 2s. 6d. for 8-oz. mixtures, for instance—and there is a fair demand for specialties yielding ordinary profits. England supplies the druggists with their stocks, one London house having an agent in the island, and others sending a traveller occasionally.

### Push.

Success is a big word, and one that may be variously defined. It means one thing to one man and another thing to another. In one walk of life its interpretation is entirely different from that in some other, and what is success from one point of view is almost failure from another. But there is this in common to all kinds of success, it comes as the result of effort. Whatever falls at one's feet, whatever comes by inheritance, whatever is natural endowment, or comes by bequest is not success, however much of good fortune there may be about it. Success is that which is striven for—that which comes as a victory to the warrior, or that which is as laurel on the poet's brow. To achieve success, therefore, effort must be put forth. Very generally it must be persistent, aggressive, persevering effort—that kind of effort which is so happily summed up in the little word "push." To be a prosperous merchant or manufacturer requires push. To be an acceptable clerk or bookkeeper requires push, and to be really useful in any walk of life, from the most exalted to the most commonplace requires push. "Push" is a word also with as many different shades of meaning as there are persons to whom it may be applied. It is wonderfully elastic, but in all its definitions there is this idea about it: To drive forward. Strength and energy of whatever kind the individual may possess, are to be used as he is able to use them and as circumstances permit, to drive something forward. Very generally this something is the work or

duty in hand, or the business venture upon which he is engaged, or the social project he has in view. To be unsuccessful in this world—for failure may come however hard we strive—commands pity, but to be without push is to be contemptible. When we want to say something extremely severe about a young man, when we want to condemn him unconditionally, when we want to convey the idea that he will never achieve success or be of any particular usefulness in the world anywhere, we say "He has no push about him." Without push, one floats with the tide, driven hither and thither by the winds and currents. He may get into port, but the chances are that if he does accidentally drift that way he will not be able to anchor so as to remain there. With push one is like a steamship, with full complement of machinery under the guidance of a captain; the port is reached in spite of wind and tide, the anchor is cast and success is achieved and held.

### A New Oil Flash Test.

A simple but effective method of determining the flashing point of lubricating oils consists in the use of a capsule placed in a hemispherical sand-bath to protect it from air currents, the light being applied from time to time to the uncovered surface of oil in the capsule. While this method suffers from the disadvantages of all open-test methods, the results show that it is sufficiently accurate for most practical purposes. Even the elaborate apparatus that is frequently employed is not free from error.

FACTS ABOUT IODINE.—We have on several occasions referred to investigations which have recently been made, and which shows that the iodine in brown solutions exists in a different molecular form from that in the violet solutions. A practical point is now deduced from this by Gautier and Charpy, who have been studying the affinities of iodine in solution. They have noticed that where pure mercury is shaken with any solution of iodine green mercurous iodide is formed, but if another metal is present as an impurity the mercury is not acted upon at all, if alcoholic or similar solution is used, until the impurity is converted into iodide; but with chloroform mercurous iodide is always formed at first. It would be of considerable interest if these experiments were extended to the pharmaceutical side, using chloroform instead of alcohol for damping the mercury and iodine in making mercurous iodide, and noting the results.—*Chemist and Druggist.*

Pretty Compliment.—Although Doctor Johnson had—or professed to have—a profound contempt for actors, he succeeded in comporting himself towards Mrs. Siddons with great politeness; and once, when she called to see him at Bolt Court, and his servant could not immediately furnish her with a chair, the Doctor said, "You see, Madam, that wherever you go there are no seats to be got."

# Soda Water Apparatus

Tuft's Arctic and Siberian Patents.

NEW DESIGNS. . . . NEW IMPROVEMENTS.

*SPECIALTY: Patent drawer Syrup Tanks of Glass and Porcelain.*

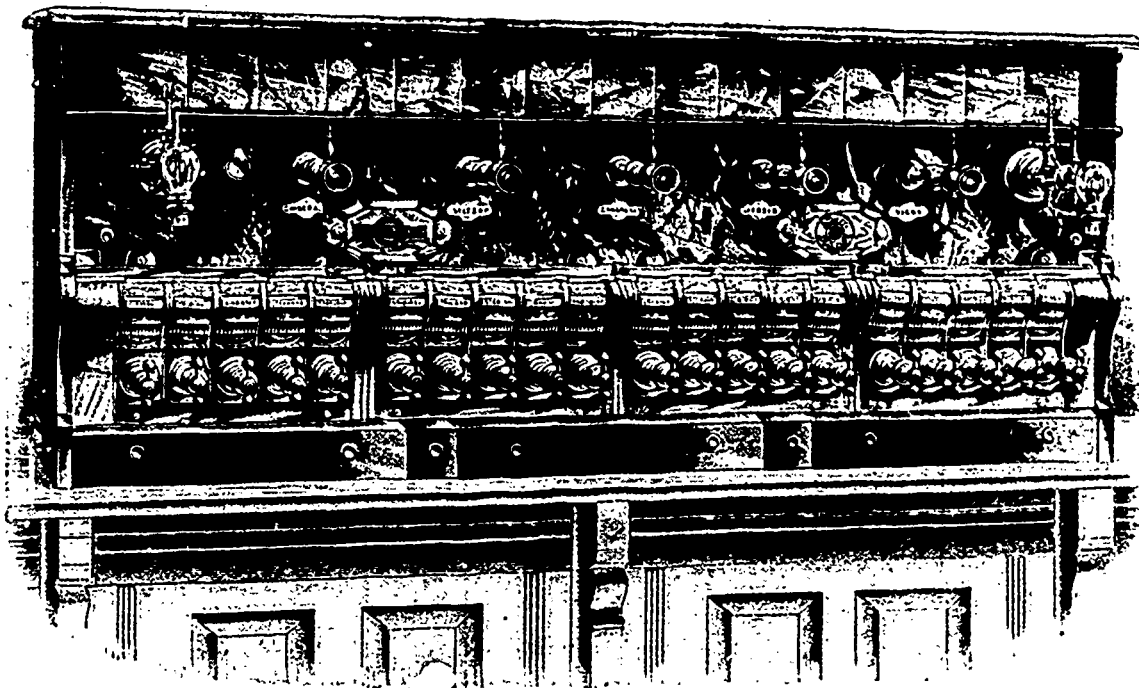
**LOW PRICES AND EASY TERMS OF PAYMENT.**

First-class Druggists throughout the United States find Soda Water the most profitable branch of their business.

Every first-class Canadian Druggist who does not dispense Soda Water should at once add an apparatus to his fixtures.

It is a beautiful piece of furniture, and will invariably pay for itself in a very short time, usually the first season.

If you have a soda fountain which is not profitable, it is because you have not kept abreast of the times. You can make soda water as profitable as thousands of your fellow druggists make it.



THE MILESIA, SIBERIAN-ARCTIC.

My illustrated catalogue and price list will be mailed free to any Druggist thinking of buying.

Address all Communications to

**JAMES W. TUFTS, = BOSTON, MASS.**

—OFFICE AND FACTORY:—

33 to 51 Bowker Street, . . . . 49 to 51 Chardon Street, . . . . 96 to 100 Portland Street.

Canadian Agency :—W. S. WOODS, . . . . 358 Broadview Avenue, TORONTO.

—WAREHOUSES:—

NEW YORK—10 Warren St. (near Broadway and City Hall.) . . . . CHICAGO—84 and 86 Jackson Street.  
DETROIT—168 Griswold Street. . . . . BOSTON—96 Portland Street.

## HOW TO MAKE IT PAY.

I will take your obsolete and perhaps worn out apparatus in part payment for a new one, allowing liberally for it and will make terms of payment for balance so easy, that in all probability the increased profit will pay it.

I will provide with the apparatus formulas for all the latest and most popular drinks, and hints about all the latest novelties in the business, so that you cannot fail to find a soda fountain a gold mine, as many others now find it.

There is to day a promising field in Canada for a soda water dispenser, who will take pains to produce a high grade of beverages and serve them daintily.

Second hand apparatus in thorough repair at very low prices, and on particularly easy terms.

When writing for my Illustrated Catalogue or Price List of Second-Hand Apparatus, you will confer a favor by stating where you saw this advertisement.—J. W. TUFTS.

## HOLIDAY - GOODS

—FOR THE—

1890—DRUG TRADE—1891

Our travellers are now on the road with samples of Holiday Goods. Our range is much greater than ever before. Notwithstanding the late advance in customs duties, imported lines are lower than ever, and in style and finish far surpass any previous effort.

Fancy Leather, in most artistic patterns, seems to be the favorite material this season. Brush, Comb and Mirror Sets, Ladies' and Gents' Travelling and Toilet Sets, Ladies' and Gents' Cuff and Collar Sets, Handkerchief and Glove Sets, Jewel Boxes, Toilet Necessaries, Work Sets, Tablets, Music Rolls, Odor Cases, Manicure and numberless other varieties.

We are showing an extensive range of Oxidized Silver Cases in all varieties, some 50 different patterns.

French and German, fancy and plain, Cut Glass Bottles.

Fancy Basket Perfumes, our own designs, a line that will pay every druggist to handle. Allows a handsome margin of profit.

Plush is still selling and we are as usual showing all the new and saleable lines, from the home manufacturers.

N. B.—As we confine our trade almost exclusively to Druggists, we would respectfully request an inspection of our samples before placing any Holiday orders.

### Smith & McGlashan Co.,

DRUGGISTS' SPECIALTIES,  
53 Front St. East, - Toronto.

### Lawson & Jones,

FOREST CITY LABEL WORKS,  
LONDON, - - - CANADA.

ESTABLISHED 1882.

We are the only firm in Canada devoting special attention to

#### Chemists' Printing

and with our present facilities we can successfully compete with any of the American or European label houses.

We invite comparison of our work and prices with others. We also supply Estes' Turned Wood Boxes, Gill's Seamless Tin Boxes, Paper Pill and Powder Boxes, Cartons and special lines of Containers.

Write for Catalogue. Mention this paper.

### LAWSON & JONES,

226 King Street, London, Canada.



### B. Laurance & Co.

WHOLESALE OPTICIANS,

251 St. James St. - MONTREAL.

A Specialty made of Assortments  
for Drug Stores.

By using their Test Cards a customer can be  
suited at the first attempt.

## J. PALMER & SON

1743 & 1745 Notre Dame,  
MONTREAL.

AGENTS FOR

### PEARS' SOAP,

Bertrands Freres Perfumery,

### Dupont's Brushes.

Special prices given for Import Orders on  
Brushes and Perfumery.

We have just received and our stock is now  
complete in the following:

Turkey and Honey Comb Sponges, 250  
Cases.

Chamois Skins, extra quality and good  
value.

Violet and White Lilac Perfumes, the  
latest and best.

Also Roger & Gallet's, Coudray's, Gelle  
Freres, Pinaud's and Pivers', Colgate's  
and Vennard's Perfumery.

A splendid variety to select from.

### R. BRAYLEY,

Wrapping Papers,  
Paper Bags,  
TWINES,

Tags, Commercial Stationery, Blank Books, Sea  
Island Twine, Boudoir Paper, Comb Bags,  
Tooth Brush Bags, Seidlitz Powder Boxes,  
White D. D. Paper, D. Blue Paper, etc., etc.

Printing at lowest prices.

14 Front St. West, - TORONTO.

### THE GREAT EUROPEAN DYE



Unequalled for Richness and Beauty of Coloring.

They are the ONLY DYES that

WILL NOT WASH OUT!

WILL NOT FADE OUT!

There is nothing like them for Strength, Coloring  
or Fastness.

ONE Package EQUALS TWO of any other Dye in the market.

If you doubt it, try it! Your money will be re-  
funded if you are not convinced after a trial. Fifty-  
four colors are made in Turkish Dyes, embracing  
all new shades, and others are added as soon as they  
become fashionable. They are warranted to dye  
more goods and do it better than any other Dyes.

Same Price as inferior Dye, 10 cts.

Canada Branch: 451 St. Paul Street, Montreal.  
Send postal for Sample Card and Book of Instructions

## LYMAN BROS. & CO.

TORONTO, - ONT.

### NEW GOODS FOR MONTH:

Antipyrine,  
Bela Naphthol,  
Bismuth Metal,  
Chloroform D. & F. Pure,  
Chloral Hydrate Crystal,  
Creasote Beechwood Morson,  
Eserine Sulphate,  
Homatropine,  
Lanoline,  
Lithia Citras,  
Lime Hypophos,  
Manganese Hypophos,  
Oil Eucalyptus,  
Pancreatine,  
Phenacetine,  
Pilocarpine,  
Salol,  
Salicylic Acid, Kolbe,  
Sulfonal,  
Thymol,

Zinci Chlor., 2 oz, 4 oz, 8 oz. and 16  
oz. bottles.

Carlsbad Salts, 1/4 lb. Pulv.

Carlsbad Salts, 1/4 lb. and 1/2 lb. Cryst.

Pivers' Cosmetic, No. 86.

WE OFFER FOR NEXT 30 DAYS

ONE FULL GROSS

### Kent's Crown Tooth Brushes

At \$17.25 Gross.

These are assorted and not serrated, in less  
quantities than gross. The price is such that  
they are the best 25c. Brush in the market.

## TRADE NOTES.

C. E. Jones is opening a drug store at Victoria, B. C.

J. Corliss, physician and druggist, Drumbo, has sold out his drug business.

Jos. Bruce, Ottawa, is reported as having sold out to Maurice A. Belanger.

C. K. C. McGregor, Parliament street, has sold out to his assistant, S. M. Green.

G. H. Blakeway, druggist, Nanaimo, B. C., is giving up business and going to the old country.

A. I. Geen and Yeomans & Co., Belleville, Ont., had their stocks injured by fire last month.

Mr. Isaac Wildern, of South London, is confined to bed with serious complications of la grippe.

Wilson & Co., Lethbridge, Alberta, have sold their drug and stationery business to Little & Co.

Herman Nerlich, head of the firm of Nerlich & Co., wholesale fancy goods, etc., Toronto, died in January.

Mr. Chas. Gunn, formerly of Fraser & Gunn, Woodstock, has accepted a position with A. B. Petrie, of Guolph.

G. Cameron, who has for some time managed the Rhynas' Estate drug store, Goderich, Ont., has gone to Chicago.

W. Montgomery, formerly with A. Jeffrey, is opening a store in the Yonge street Arcade, corner Gerrard and Yonge.

Mr. D. Secord, who for a number of years has conducted a drug store in Ingersoll, has disposed of his business to Mr. E. Ruston, of Georgetown.

Leslie Clement, son of Dr. Clement, of Immerkip, and for some time in W. A. Kari's drug store, Woodstock, has gone to Portage la Prairie, where he has secured a situation.

The Ontario Express and Transportation Co., limited, with Mr. Samuel Chadwick, as general manager, are to commence business about the latter part of April next. They will run over the G. T. R. This company was incorporated in 1878, and re-organized in 1891, with a capital of \$100,000.

In our Montreal notes last month it was stated that the premises of Messrs. Evans & Sons, wholesale druggists, had suffered to some extent in the fire which took place in the warehouse of Beauchemin, Valois & Co. We are pleased to learn that the statement was an error, no damage whatever being done, as the fire was about 150 yards distant.

Several changes in the wholesale fancy goods houses in Toronto have recently taken place. Messrs. Smith & Fudger have dissolved partnership, Mr. H. Smith having taken the stock and removed to new premises at 53 Bay-st., and Mr. H. Fudger putting in a new stock in the old stand, 50 Yonge-st. Messrs. W. H. Bleasdel and J. W. Lester have formed a partnership and will open out about the 1st of March on York-st.

What is no doubt a very improbable, if not sensational, report comes from Detroit on the 23rd inst. It says: A drug trust, with a proposed capital of \$60,000,000, is a matter which has been submitted to some of Detroit's wholesale drug manufacturers recently by a promoter from New York representing both New York and London. It is said that such satisfactory terms were made with two of the largest manufacturing houses there that they were accepted. The undertaking is a monstrous one, owing to the diversified interests of wholesalers and the multifarious lines of goods which go to make up the business. —*Paint, Oil and Drug Review.*

## Montreal Notes.

Druggists are often imposed upon in Montreal and probably elsewhere by apparently respectable persons, notably in the matter of prices. A fair price is asked for an article and the customer says, "Why I can buy it at So-and-So's for so much," mentioning a figure very much below what the wholesale price of the article would warrant. A nervous druggist, afraid of his shadow, capitulates at once, and the customer goes away chuckling at his own smartness and the druggist's want of backbone.

The much talked of dinner of the Pharmacy Students' Association came off on the 20th ult., and was a pronounced success so far as numbers were concerned. A few of the older druggists attended, while others remained away, thinking it only fair that "the boys" should be left for one night to enjoy themselves after their own fashion. The usual amount of speechmaking took place and some excellent singing and instrumental music was indulged in, concluding with a jolly time generally, all of which was not on the programme. The Association will now get to work in earnest and some excellent papers have been promised for their meetings.

Dr. Leduc, a pharmacist who has been in business for some years and who was obliged to remove from his old premises owing to the widening of Notre Dame Street West, has leased a magnificent building on the same street, which he is having fitted up in gorgeous style.

The Koch lymph craze has fairly got hold of the Montreal medicos and a number of unfortunates in the hospitals have been operated upon. To date, no very satisfactory results appear to have taken place. One enterprising pharmacist advertises a supply of Dr. Koch's lymph syringes.

The metric system is now more frequently met with in Montreal than formerly in prescriptions. As a rule doctors who can run over to Paris for a few weeks feel bound when they return to astonish the pharmacists with their advanced ideas. The metric system is all very well, if they would only drop the bad habit of prescribing French specialties—such for instance as "Rob Lechaux," "Shrop de

Raifort Iode," and numerous other absurdities all of which pay some 50% duty, and in consequence, frightfully enhance the expense of medicines to the patients. Most of these specialties are exceedingly simple and easily prepared.

At the usual monthly meeting of the Council of the Pharmaceutical Association it was decided to bring the annual fee for licentiates back again to the old figure, which was \$5 per annum. It will be remembered that this fee was raised to \$10 owing to the great expense incurred in appealing a case for infringement of the Act, and which case was decided against the Association.

A slashing article has just appeared in the *Monde* newspaper, of this city, attacking pharmacists for the careless way in which they refill prescriptions over and over again, containing morphia, chloral, &c. I fear there is some ground for the complaint. It is as well for pharmacists to have their own shop rules about the sale of these things, and never to encourage the habit of morphia taking by repeating without orders. The Quebec Pharmacy Act is, on the whole, very lenient to pharmacists with regard to the sale of poisons, and pharmacists should be particularly careful not to do anything which might lead to more stringent regulations being considered necessary by the Legislature. It is not pleasant, for instance, for a husband to find that his wife, who may have had morphia prescribed for some passing ailment by her physicians, has become a confirmed morphia taker through the carelessness or cupidity of a pharmacist who has supplied her with this subtle and dangerous drug whenever she has called for it. The Legislature anticipated that pharmacists would be men of honor and judgment.

## Manitoba Notes.

Messrs. Hill & Row, Whitewood, have enlarged and improved their premises.

Messrs. Little & Cleveland have bought the drug business of Mr. E. C. Wilson, Lethbridge. They are both young men and their prospects for success are good.

Brandon is a progressive town and the drug trade is to be found foremost in the march of progress. Messrs. A. Fleming & Co.'s handsome store is nearing completion, and Mr. N. J. Halpin has purchased the property adjoining his present stand on which he proposes to erect a good building adapted to his business.

Alex. Colvin, who for a number of years has been with J. D. Higginbotham, has left for Toronto to study medicine. He is succeeded by Mr. Galbraith, of London, Ont.

Mr. Clements, of Woodstock, has taken a position with Mr. B. M. Canniff, Portage La Prairie.

Mr. Duncalfe, of Morden, has patented and is about to put on the market a Liver Invigorator, and from the quality and number of testimonials he has received it would indicate that the remedy possesses real virtue.

**Ontario College of Pharmacy.**

The Council of the Ontario College of Pharmacy met in Toronto on February 3rd, 4th, 5th and 6th.

**FIRST DAY.**

The following members were present:— President, J. A. Clark, Hamilton; C. D. Daniel, Toronto; G. S. Hobart, Kingston; J. J. Hall, Woodstock; L. T. Lawrence, London; C. S. McGregor, Brantford; J. H. Mackenzie, North Toronto; J. McKee, Peterborough; A. B. Petrie, Guelph; H. Waters, Ottawa; W. B. Sanders, Stayner; J. W. Slaven, Orillia.

The minutes of the last semi-annual meeting were, on motion of Mr. Waters, approved.

The Secretary read the following communication:—

TERS WATER, 26th Dec., 1890.

Mr. I. T. Lewis, Registrar-Treasurer Ontario College of Pharmacy, Toronto.

DEAR SIR,—Finding that it will be impossible to attend the Council meeting in February or properly discharge the duties of the position, owing to the press of other business, I beg to tender you my resignation as member of the Council. I would have sent this in earlier but was always in hopes that I would be able to attend the February meeting and regret that I cannot do so.

Very sincerely yours,  
R. N. THURTELL.

On motion of Mr. Waters the resignation was accepted.

An application from E. E. Johnson, of 1122 Owen street, West Toronto, the holder of the major diploma of the Pharm. Society of Great Britain, and of Wm. Thornton, of Montreal, for registration under an English certificate, was referred to the Committee on By-Laws and Legislation. Applications from ten apprentices were similarly referred.

A letter from the manager of the Industrial Exhibition was read, asking that two representatives to the Association be appointed. On motion of Mr. Hobart, seconded by Mr. McGregor, Messrs. Mackenzie and Daniels were appointed.

A communication from R. W. Elliott, introducing Mr. D. M. Ford, the holder of a certificate of Kings County Examination Board, New York State, who applied for registration, was referred to the Committee on By-Laws and Legislation.

On motion of Mr. Mackenzie the thanks of the Board were tendered to Messrs. Park, Davis & Co., of Detroit, for the gift of a materia medica cabinet to the College.

A letter from M. A. Hutton, of Yonge street, Toronto, asking that \$1 which he had been over-charged, be refunded, was referred to the Registrar for investigation.

W. H. Meek wrote asking that he be relieved from the necessity of paying his employer's dues before securing registration. The letter was referred.

W. A. Kyle complained that the small certificate sent him was not suitable for framing. His letter was referred to the Executive, as the Registrar said there had been many such complaints.

The application of George Edward Butler, an English druggist, and from W. A.

Farringer, Winfield, Kansas, for registration, were referred.

In response to a letter from the Western Fair Association, on motion of Mr. Daniel, Messrs. Hall and Lawrence were appointed representatives.

The consideration of notices of motion given at the last meeting was then proceeded with.

Mr. Petrie's motion empowering the Registrar to deposit money with an incorporated loan company as well as in a chartered bank, was carried without objection.

Mr. Watters' motion to increase the salary of the Registrar to \$1000 per annum was withdrawn. In doing so Mr. Watters said he did not take that course because he did not think the Registrar deserved the increase, but because he thought the present an inopportune time to press for it.

**THE REGISTRAR'S REPORT.**

Mr. Lewis then read his report as Registrar-Treasurer as follows:—I beg to report that since the 1st of August, 1890, the following medical practitioners have taken out registration: Wm. J. Campeau, Harrow; Joshua H. Hamilton, Hillsbury; W. Cuthbertson, Petrolia; Wm. Kerr, Toronto; Alex. McLaen, Delaware; Jeffrey Talbot Sutherland, Leamington; Helen E. Reynolds-Ryan, Sudbury; George D. Lockhart, Mt. Brydges; M. Gallagher, Campbellford; H. A. Turner, Millbrook; George Stewart, Port Rowan; Thos. McEwan, Springfield; R. K. Addison, Athens (in abeyance); C. A. Toole, Sunbridge; Andrew W. Dwyre, Westport; Baldwin Lorenzo Bradley, Woodstock; Jos. Orlando Orr, Toronto; H. C. S. Elliott, Creemore. Total, 18.

The number of apprentices for registration has been 101, a few of whom have been kept in abeyance for the Council to deal with.

The number of renewals issued since 1st of August, 1890, were as follows: 2 for 1888; 8 for 1889; 118 for 1890; 2 for 1891.

The register shows members in arrears as follows: 1 for 1883; 1 for 1884; 1 for 1885; 1 for 1886; 3 for 1887; 26 for 1888; 93 for 1889, and 212 for 1890, making a total of 338 as near as I can judge.

A detailed account of the receipts and disbursements was attached of which the following is a summary:—

**RECEIPTS.**

August 1st, 1890.	
Balance .....	\$ 4278 28
Renewal fees .....	520 00
Apprentice registration fees .....	106 00
Registration fees .....	93 00
<i>Teaching Department.—</i>	
Junior Course .....	\$3597 00
Senior " .....	4416 00—\$8013 30
Poison books .....	30 76
Examination fees .....	490 00
Library fund, per A. Jeffrey .....	5 00
Interest account .....	20
<i>Deposit Fees.—</i>	
Junior Course .....	\$450 00
Senior " .....	385 00—\$835 00
<i>Matriculation Fees.—</i>	
Junior Course .....	445 00
Senior " .....	15 00—460 00
Laboratory .....	66 16
Diplomas .....	5 00
Infringement account .....	11 00
	<hr/>
	\$14913 80

**DISBURSEMENTS.**

Appeal, W. B. Montgomery .....	\$ 20 00
Registration M. D.'s .....	6 00
Council meeting, August, 1890—	
Pay sheet, \$250.28; advertising, \$26.80	289 08
<i>Salary Account.—</i>	
Prof. E. B. Shuttleworth .....	\$900 00
" O. R. Avison .....	600 01

Prof. F. T. Harrison .....	450 00
Wm. Young .....	120 00
Isaac Lewis .....	374 98—2345 02
Law Account, Edgar Malone .....	180 00
Freehold Loan interest .....	1000 00
E. Rogers & Co .....	37 75
<i>Pharmaceutical Journal</i> .....	345 85
<i>Monetary Times</i> .....	17 35
Teaching Dept. <i>Monetary Times</i> .....	92 75
Apprentice registration fees returned	7 00
Water Works .....	21 45
Gas account .....	7 54
Microscopical laboratory .....	213 72
Infringement account .....	153 25
Chemical laboratory .....	43
Laboratory practical work .....	71 05
College furniture .....	76 41
Postage account .....	27 37
Petty expenses .....	13 38
<i>Ontario Gazette</i> .....	99 80
Insurance .....	7 00
Renewal fees .....	20 00
Interest account .....	420 00
Auditors .....	10 00
Examination account .....	77 84
Deposit fees returned .....	460 00
Matriculation fees .....	10 00
Balance in bank .....	\$8532 61
Cash .....	31 15—\$883 76
	<hr/>
Total .....	\$14913 80

The auditors, James Watt and J. C. Laidlaw, reported that they had found the accounts correct and presented the following statement of assets and liabilities:—

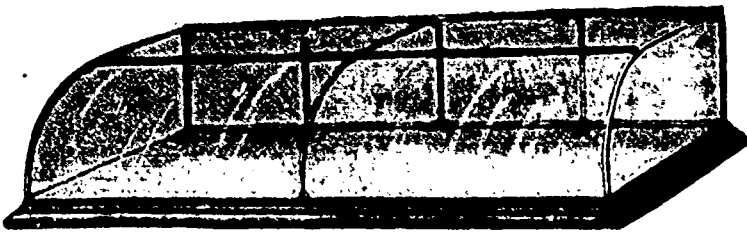
**ASSETS.**

College building .....	\$17169 40
Furniture, apparatus, etc. ....	4675 89
Lot .....	5000 00
Deposit with Freehold Loan and Savings Co. and interest .....	5217 25
Outstanding fees .....	\$ 1352 00
Less doubtful accounts .....	200 00—1152 00
Bal. in Bank of Commerce, \$851 61	
In cash .....	31 15—8883 76
	<hr/>
	\$42125 30

**LIABILITIES.**

<i>Pharmaceutical Journal</i> .....	\$ 321 11
Interest, Court Chancery .....	100 60
" Freehold loan .....	109 56
Mortgage, Court Chancery, due March 1st, 1891 .....	4000 00
Mortgage, Freehold Loan .....	10000 00
Salary account .....	154 17
Deposit fees returnable .....	375 00
Rental of lane from McLean Howard	15 00
<i>Accounts—</i>	
Druggists' circular .....	\$20 00—
Elliott & Co .....	30 18
J. Pain & Co .....	38 50
Lyman Bros. & Co .....	62 77
John J. Hall .....	14 00
<i>Monetary Times</i> .....	11 75
<i>Globe</i> .....	57 00
Edgard Malone .....	47 00
E. Rogers & Co .....	62 75
Brown Bros .....	5 00
Mail .....	21 00
Popular Science News Co .....	12 50
Sundry accounts .....	206 86—589 31
To balance .....	26374 49
	<hr/>
	\$42125 30

The report of the Principal of the College was read, stating that the attendance of students was larger this term than ever before, there being 92 in the junior and 76 in the senior course. The fees were as follows, \$3597.40 from junior course, and \$4476 from the senior course, total \$8533.40. The results of the junior examination on Dec. 17th, 18th and 19th were exceedingly gratifying, but those of the supplementary junior examination on Jan. 7th and 8th were not so encouraging;



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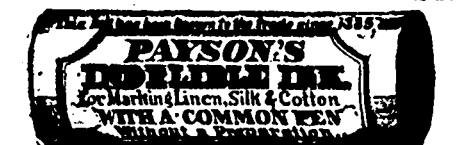
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Wingate's Cavalry Condition Powders,  
Wingate's Medicated Glycerine,  
McGale's Sprucine,  
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as the Christmas holidays were unsuitable for study, and those who fail in December seldom make a better record after New Year's Day. As a result of observation, he recommended the abandonment of this examination.

The President laid before the meeting correspondence which had taken place with the Pharmaceutical Association of Quebec, on a proposal to bring about reciprocity of diplomas between the Ontario College and that of Quebec. Mr. Muir, Registrar of the Quebec College, under date of Nov. 5th, 1890, in reply to a letter from Mr. Clark, stated that the Council had decided "that they will accept the diplomas by examination, of the Ontario College of Pharmacy, provided the holders thereof have complied with the provisions of the Ontario Pharmacy Act of 1889, in having attended two full courses of six months, lectures in materia medica, chemistry, and one course in botany, and prove four years' service in a drug store under a duly qualified licentiate of pharmacy; provided also that the Ontario College of Pharmacy will accept all diplomas by examination granted to licentiates of Pharmacy of the Province of Quebec by the Board of Examiners of this Association." In a subsequent letter, dated Dec. 12th, 1890, Mr. Muir, in answer to a question by Mr. Clark, stated that the Quebec Association would accept the two senior courses of the Ontario College as equivalent to the two six months' courses referred to. In the event of reciprocal relations the Ontario Council would be required to accept all certificates by examination granted by the Quebec Association since 1870, as their Pharmacy Act had always prescribed compulsory courses of lectures and services.

Mr. Mackenzie moved, seconded by Mr. McKee, that a committee, composed of the President and Vice-President, be instructed to frame a suitable reply to the offer of the Pharmaceutical Association of the Province of Quebec, and to continue negotiations.

The name of Mr. Watters was added to the Committee on By-Laws and Legislation.

The President read the following report of his visit to the meeting of delegates from Boards of Pharmacy of the United States and Canada held at Old Point Comfort on Sept. 9th and 10th, 1890:—

"There were in attendance representatives from twenty Boards of Pharmacy. I place before you minutes of the proceedings and constitution and by-laws of the organization formed at this meeting. The objects of the Association are to discuss the interchange of certificates issued by the several Boards of Pharmacy, to suggest some plan which will be acceptable to all parties concerned, and by closer communication between the various Boards of Pharmacy and Secretaries of State Associations ultimately to secure a uniform Pharmacy law in all the States.

"In the opening address, Mr. Robert Dryden, President of the Virginia Board of Pharmacy, alluded to the Pharmacy Act of Ontario, and stated that he believed it to be the most advanced of the laws regulating the practice of pharmacy that were in force on this continent.

"At the request of the Chairman I gave de-

tails of the provisions of our Pharmacy Act regarding the course that was required under the Act of 1889, from the time of commencing apprenticeship until the diploma of the College was granted as per sections 11 and 12 of the Act. I explained the position of the College under the law—that it was the property of all the druggists of the Province, who were compelled to contribute to its maintenance. I also explained the mode of electing the members of the Council as per section 4, and the powers of the Council under sections 9 and 10 of the Act. I stated that the druggists of the Province, through the members of the Council elected by them, had control of all the affairs of the College and the enforcement of the law.

"The delegates stated that we had a law superior in many respects to any of the Pharmacy laws in force in the United States.

"After full discussion regarding the qualifications required of candidates before they could apply for examination to be registered as pharmacists of the various States, each delegate explaining the law in force in his State, it was seen, what was known to some before, that there was considerable difference in the standards of the various States, and it was agreed that no practical result could be obtained until all, or a large number, came to a uniform standard, and that some of the laws permitted the board to accept the certificates obtained from other examining boards, but in others there was no such provision.

"The time required for service under a registered pharmacist before a candidate may go up for examination in the various States, is as follows:—

No definite time is mentioned in Alabama, Florida, Iowa, Michigan, Massachusetts, Missouri, New Hampshire and South Carolina.

Two years service required in Colorado, Louisiana and Wyoming.

Three years service in Connecticut, Delaware, Georgia, Illinois, Kentucky, Maine, Minnesota, Nebraska, North Carolina, Ohio, Rhode Island, Virginia.

Four years service required in Kansas, New Jersey, New York, Pennsylvania, District of Columbia, Erie County, N. Y., Kings County, N. Y., New York City and County, North Dakota and South Dakota.

Five years service in Wisconsin.

"I explained what I believe to be the opinion of the Board of the Ontario College of Pharmacy—that we would not be favorable to the recognition of certificates issued by other examining boards, unless their standard of qualifications was equal to that required of candidates in Ontario, and also that before such an arrangement for interchange of certificates could be entered upon, we would require to obtain an amendment to our Act, as section 15 limited the powers of the Board, viz.:—'All persons approved of by the Council of the College, who hold diplomas from the Pharmaceutical Society of Great Britain, or certificates from any Pharmaceutical College in the Dominion of Canada, or elsewhere, may be registered as members of the Ontario College of Pharmacy without the examination prescribed by the Act.'

"I became a member of the organization under the distinctly defined position of the Ontario College of Pharmacy as above given, which was fully understood by the members, who desired a representative from Ontario as a member of their organization."

On motion of Mr. Petrie, seconded by Mr. Watters, the report was referred to a committee consisting of Messrs. Watters, Hobart, McGregor and McKee.

The Board went into Committee on the By-Laws and passed them with some minor changes. An amendment was inserted providing that diplomas lost, injured or destroyed, may be duplicated for \$2.

The President stated that Joseph A. Brown was applying for a Special Act to have his name placed on the list of registered pharmacists. The matter was refer-

red to the Committee on By-Laws and Legislation.

The Board rose at 6.15 p. m.

#### SECOND DAY.

The Council resumed business at 11 o'clock Wednesday morning.

A letter from W. A. W. Mayor, of Toronto, requesting registration on the ground that he was in business prior to 1871, was referred to Committee.

Mr. Watters presented the report of the Committee to whom was referred the address of the President with reference to his visit to the meeting of delegates of Boards of the United States and Canada. The report is as follows:—

"The Committee would commend the action of the President, Mr. Clark, in laying before the meeting of joint delegates from the Boards of Pharmacy at Old Point Comfort a full statement of the standing, extent and scope of the Ontario College of Pharmacy, and would recommend the approval of reciprocity in exchange of diplomas on the basis of the standard of requirement adopted in this College. We would also commend the action of the President in becoming a member of the organization formed to secure interchange of diplomas, and would recommend that his position in that organization be given an official status."

On motion of Mr. Hobart the report was received and opened for discussion.

Mr. Watters moved, seconded by Mr. Petrie, that the report be adopted, and that the President be appointed representative of the Board to the State Association of Boards of Pharmacy.

The President called attention to the fact that the regulation for admission of apprentices was higher than that of any of the States. The time a student must spend in a drug store was shorter in the States, and in many States there was no compulsory attendance at schools. Besides this, under the Act the Board had no power to accept certificates of examining boards which were not connected with teaching bodies.

Mr. Watters said that the only basis on which reciprocity could be effected would be on a basis equal to that of Ontario.

Mr. Mackenzie said the Pharmacy Boards of the different States did not maintain a very high standard of requirements but were anxious to effect improvements if possible.

The President said that no doubt if they were encouraged, the American Boards would try to elevate their standard.

The motion was carried.

The Board then rose for lunch.

The Council met at 3.30 p.m. and resumed business.

Mr. Hobart presented the report of the Infringement Committee dealing with individual cases of infringements of the Act, and enclosing the report of James Dowdell, who was employed by the Council for a month at \$50 to inquire into supposed infractions of the Act. The report concluded as follows:—

"Your Committee request that authority be given them to engage a detective who will make a systematic canvass of the whole Province every year, inspect and insist on a compliance with

# To Council Electors.

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The powers of the Council being legally just and admittedly satisfactory, we will now proceed to discuss the manner in which they have been used, the results attained thereby, and their connection with the present College difficulties, but before doing so we will digress by making a few comments.

Those who have been associated with the retail drug business for the last fifteen or twenty years cannot but be aware, however little they may have thought of it, that a complete process of evolution has taken place in the trade during that period. The grocer-druggist has disappeared, his hardware confrere will soon have vanished, and as sure as fate, the day is rapidly approaching when educated skill and experience will be the sole allies in the possession of the aspirant for pharmaceutic success, commercially or otherwise.

Nothing that could be said would more clearly demonstrate the fact that essential changes beyond your power to control were taking place, than the evidence afforded by the associate methods now being discussed and adopted, by the interest now being taken in Council elections and College affairs; by the fact that out of the twenty-four gentlemen who twenty years ago were constituted a body politic and corporate under the name of "The Ontario College of Pharmacy," not one now exercises any control in the affairs of the College; and by the contrast between the active work now necessary at Council meetings, with the pleasure-seeking and essay-reading meetings of a few years ago.

It is no part of the wish of the writer to minimize the efforts and accomplishments of past Councils, who possibly filled their positions satisfactorily at the time, but it is his desire to make self-evident the fact that changes are not alone a part of the past, but are as sure to continue as ever, and that the advent of changes, now foreseen, will not to any appreciable extent alter the current of your interests or those who may succeed you. The controlling powers have got to keep up with the tide or go down in the flood.

Progress is the watchword that carries strength and continuity, and is as essential to the future success of Pharmacy as to that of any other branch of the interests of a young, thriving, and rapidly developing country.

I must ask my readers to excuse digressions of this nature, which will prove to be among the sins of commission that the writer will frequently be found guilty of.

Reverting again to the first clause of this article in connection with the use, benefits and results of the powers of the Druggists' Council and the application of them, we are at once brought down to a consideration of the work devolving on the representatives chosen to manage, in a corporate sense, the legal, financial, educational and protective affairs of the trader.

We cannot all be first, but the lessee of this page must feel more than ordinary pride in the success of his valuable preparations, on page 17. Every Druggist handles it, whilst the Laboratory at Toronto, Ont., can bear witness to the daily increasing demand for it.

*(To be continued.)*

the law, or prosecute in all cases of infringements, collect all overdue fees under instructions of the Registrar, who will give him authority in individual cases only, and have a proper check on him by furnishing him with the receipts necessary. It is also desired that the Registrar-Treasurer be the Executive Officer of this Committee, and after consulting with the Toronto members instruct the detective."

Mr. Sanders did not agree with the recommendation of the Committee. Experience had shown that the mode suggested of enforcing the Act had been a failure. Although a member of the Committee it appeared that he was not in its confidence. A meeting had been held in Toronto of which he had not been notified. Mr. Dowdell had enjoyed a good trip at the expense of the Council. His disposition was too genial to be a success at prosecutions. He would like to know what had been paid this man and what he had done? Had he made one prosecution or secured a conviction? It appeared as if he had been directed to be as lenient as possible. It appeared that this man was employed in collecting back fees. The Registrar-Treasurer was the proper man to deal with these infringements, or he could employ a reliable assistant to do it.

Mr. Daniels said that the report itself answered some of the questions. The Registrar could tell what had been paid to this man. The non-payment of fees was as much an infringement of the Act as anything else. The object of the Committee had been to protect the druggists with the least possible recourse to law. There was always serious loss in prosecutions. The idea of the Committee had been to make a thorough canvass of the Province and collect arrears of fees. By this means many cases of infringement could be ascertained, and steps taken to remedy them. This seemed the best way of meeting the difficulty.

Mr. Mackenzie said that the suggestion now made had never been tried before, and he was satisfied that the Registrar should not be asked to assume the whole responsibility of this work. He thought the recommendation of the report was a good one. He defied anyone to prove that in any single case the Committee had tried to smother prosecutions for infringement. In the case of arrears, the detective was instructed to be lenient, but where there were direct infringements they were to be prosecuted.

Mr. Sanders said that when a man was a member of a Committee and it met without his knowledge, he had reason to make enquiry. He wanted to know what instructions had been given to the detective. Was he told that if those who made infringements of the act, took down their signs and took their names off the labels they would not be prosecuted?

Mr. Daniels said that no such instructions were given.

Mr. Petrie approved of the action of the Committee, and thought that the Council was indebted to them for their exertions in the past.

The report was adopted.

Mr. Petrie read the report of the Build-

ing Committee, recommending the erection of an addition to the College at a cost of \$9,950, which will give accommodation on the first floor for a pharmaceutical laboratory, on the second floor for a chemical laboratory, with a basement that may be used for any purpose when required. The architect recommended was Mr. Sheard.

The report was referred to the Executive Committee.

Mr. McGregor moved that the position vacated by the resignation of Mr. R. M. Thurtell be filled by the appointment of Mr. G. M. Everest of Arkona.

Mr. Sanders asked why the candidate with the next largest vote was not given the position, as had been the practice in the past.

Mr. Mackenzie referred Mr. Sanders to the action of the Council in 1883.

Mr. Sanders--Why refer to that?

Mr. Mackenzie--I supposed you thought that was the most intelligent Council we have had. (Laughter.)

The motion was carried.

Mr. Sanders asked for a return of the amounts paid by the Council during the past term for legal advice.

The Council adjourned at 5 p. m.

#### THIRD DAY.

The Council resumed business at 11.45 a. m., Thursday.

The Registrar read the following communication:—

Toronto, Feb. 5, 1891.

GENTLEMEN,—In view of my having been appointed to the position of Government Analyst, it becomes necessary for me to hand you my resignation of the position I now hold in connection with the College, to take effect at the end of this College year, 15th August next.

Sincerely yours,

FRANKLIN T. HARRISON.

The letter was referred to the Committee on Education.

The Registrar, in reply to an enquiry made yesterday by Mr. Sanders, reported that the amount of legal expenses from February 28th, 1890, till February 1st, 1891, was \$332, of which \$47 had not yet been paid.

Mr. McKee moved, seconded by Mr. Petrie, that a detailed account of all the expenses from 1883 be laid before the Council.

The motion carried.

The Council then rose for lunch and re-assembled at 3.45 p. m.

The Registrar read the following petition, signed by all the students attending the College:

✓ "We, the undersigned students in attendance at the current course of lectures at this College, desire hereby to record our hearty appreciation of the services of Profs. Shuttleworth and Avison, and their efforts in behalf of our interests, and do respectfully petition that they be retained in the services of the College."

The communication was, on motion of Mr. Waters, received and filed.

Mr. Sanders rose and called attention to the incorrectness of the return made as to legal expenses this morning. He had ascertained that \$322 was not the total expenses as some accounts had not been rendered. He desired a full return of the

legal expenses up to date. He was informed that there were two or three accounts not rendered yet.

Mr. Petrie said this was covered by the motion made at the morning session.

Mr. Sanders said that the Registrar had stated that there were some accounts not yet rendered.

The Registrar said he was ready to present the accounts.

Mr. Mackenzie presented the report of the Committee on Education which made the following recommendations:—

"That the sum of \$316, the subscriptions to the Library Fund, together with the grant of \$150 made at the last meeting of the Council, be expended in the purchase of books, and that a Committee consisting of the Chairman of the Committee on Education, the Dean of the Faculty and the President of the College be authorized to select and purchase the books.

"That the names of 25 students who had obtained the number of marks necessary to registration, with the exception of two who are at present not entitled to it, be registered, and that they be granted diplomas.

"With reference to the proposal of the Principal that the junior supplementary examination in January be abandoned, the Committee felt that such examination should be continued.

"The Committee recommended the lengthening of the junior and senior courses. The former to comprise 14 weeks, commencing Sept. 8th, 1891, and the latter 18 weeks, commencing the first Thursday in January, 1892, and that the fees for the senior course in 1892 be reduced to \$70.

"The Committee recommended that the present matriculation fees of \$5 be reduced to \$2.

"Owing to the appointment of Prof. Harrison as Public Analyst he had deemed it advisable to secure the services of an assistant to carry on the work efficiently, and had requested the Committee to sanction the employment of Dr. Chambers, B. A., under his supervision. This was acceded to by your Committee, and we are pleased to say that the work has been performed to our entire satisfaction.

"Re the letter of resignation of Prof. F. T. Harrison, to take effect August 15th, the Committee recommend that it be accepted."

Mr. Mackenzie moved that the report of the Committee be adopted.

Mr. Sanders said that before action was taken as to the junior supplementary examinations in January, which the Dean suggested should be abolished, that gentleman should be heard.

Mr. Mackenzie said it was felt that the opportunity which was given to students at the January examination should not be withdrawn as it was a great convenience to the students.

Prof. Shuttleworth said he did not feel very strongly on the matter. The January examination was instituted for the accommodation of those who were unable to attend the December examinations. The results had been so discouraging that it was thought that the December examination fully met the requirements of the case.

The report of the Committee was adopted.

Mr. Slaven read the report of the Executive Finance Committee, recommending the payment of accounts aggregating \$667.99, as follows:—

Druggists' Circular account .....	\$ 20 00
Monetary Times .....	11 75
Edgard Malone, solicitor .....	47 00

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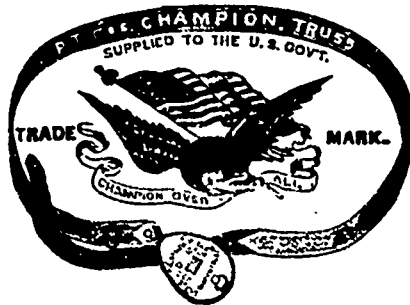
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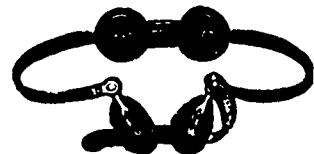
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Wm. Revel, engrossing certificates....	5 00
John J. Hall, expenses .....	14 00
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Lyman Bros.....	71 69
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Elliott & Co .....	30 18
Pharmaceutical Journal, England .....	5 76

\$ 667 99

The Chairman of the Committee explained that the expenses of the President to Old Point Comfort had amounted to \$92, but he had only charged the Board for \$64.

The report was adopted.

Mr. Lawrence presented the report of the Committee on By-Laws and Legislation as follows:—

"Re W. E. Morphy's application on behalf of W. A. Farringer, of Winfield, Kansas—under the present Pharmacy Act the Council has not the power to grant his request.

"Re H. B. Mitchell, we advise that the Registrar ask the applicant for proof that the one year's apprenticeship in Manitoba, from 1889-90, was served continuously with a duly qualified and registered druggist, and if satisfactory, that the certificate be granted.

"Re communication of Dr. Bridgeland in behalf of Geo. Mills, we advise that it will be necessary, under the Act of 1884, for Dr. Bridgeland to pay his fees for 1885, and upon receiving the same the Registrar comply with his request.

"Re Edwin M. Johnston, we advise that on the presentation of his certificate from the Pharmaceutical Society of Great Britain and the payment of the usual fees to the Registrar, that he be granted a diploma from this College.

"Re application of W. Thornton, we recommend that his request be granted.

"Re applications of W. H. Benson, Albert E. Marett, Herbert O. Allen, Wesley T. Richardson, T. P. Hartley, Harry M. Love, Frank T. Abey, Arthur Mullholland Domsley, George E. Thatcher for registration as apprentices, we recommend that these several applications be granted.

"Re R. A. Patrick, we advise that the Registrar write him for further information.

"Re communication of J. H. Fleming, we advise the Council to accept the time spent in Manitoba by his apprentice.

"Re J. J. T. Musgrove, we advise that his application be granted.

"Re communication of R. W. Elliott on behalf of D. M. Ford—we cannot grant registration from Kings County Board, New York, until further inquiry has been made.

"Re R. A. Helmer, we advise that if he pay his fees from the date of the commencement of Arthur Helmer's apprenticeship the said Alfred Helmer be registered as requested.

"Applications of W. H. Meek and Wm. Wescott were recommended to be concurred in, and also that of Geo. E. Butler when he presents his diploma from the Pharmaceutical Society of Great Britain.

"Re W. J. Moyer—under the present Act the Council has no power to grant his request.

"Re Harry Pannell, we recommend that he be registered as an apprentice when he forwards his fee.

"Re application of R. H. Preston, M. D., we advise that the Registrar notify him that it will be necessary for him to pay his fees before Edward John Hart can be registered.

"We approve of the action of the President and Vice-President in calling the attention of the Government to the fact that Joseph A. Brown had made an application to the Council

in 1890 for registration, and that his case had been considered and that the Council had agreed that Mr. Brown was not entitled to registration under our Act. The Committee refer the case back to the Council."

The report was adopted.

Mr. Petrie moved that the case of Mr. J. A. Brown be referred to the President, Vice-President, Chairman of the Executive Finance Committee, and Chairman of the Infringement Committee to procure full information and take what action they may deem proper either in referring the application to the Legislature or otherwise.

The resolution was carried.

Mr. Mackenzie moved, seconded by Mr. Daniels, that this Council views with regret the fact that Prof. Harrison has been obliged to tender his resignation as lecturer on account of his appointment to an important position in London as public analyst, and cannot allow Prof. Harrison to sever his connection with the Ontario College of Pharmacy without placing on record this Council's high appreciation of his ability and efforts in promoting the interests of the College.

The resolution was carried.

Mr. Hall presented the report of the Special Committee appointed to advertise for Professors and a Registrar, as follows:

"That in accordance with a resolution of the Committee, Mr. Clark had written to Professor Avison and Mr. Lewis expressing a wish to retain their services if a satisfactory arrangement could be made. Prof. Avison replied that a proposal from the Committee would be duly considered. Mr. Lewis, after some delay, replied that he was willing to leave himself in the hands of the Council. Not regarding this reply as definite, the Committee resolved to advertise for some one to fill the position of Registrar-Treasurer. The following applications had been received for the office:—Isaac T. Lewis, Toronto; M. W. Winthorn, Toronto; D. Eccles, Toronto; Hiram L. Smith, Belwood; Charles R. Sneath, St. Marys; E. G. Watt, Avoca, N. Y.; Rev. Wm. Kay, Windsor; J. F. Belfrey, Toronto; Joseph White, Whitby; S. A. Hodge, Mitchell; Wm. Granger, Newbury; W. B. McKay, St. Johns, N. B.; Wm. J. Malby, Deseronto.

"The following applications were received for positions on the teaching staff:—Geo. Acheson, M. D., Toronto; J. H. Beal, Scio, Ohio; John Humphrey, Sheffield, Eng.; Chas. F. Heebner, New York; Paul Scott, Paris; Chas. P. Crowley, Detroit; J. H. Fisher, Toronto; Thos. H. Smith, Toronto; A. Y. Scott, Toronto; Graham Chambers, Toronto; H. A. Evans, Alderson, W. Va.; J. C. Fotheringham, Toronto; D. F. Millspaugh, Knapp Creek, N. Y.; W. Mole, Hamilton; A. S. Rogers, Ann Arbor; Hiram W. Bright, Richmond, Ky.; Felix Langfield, Rapid City, S. Dakota; Ezra J. Kennedy, Detroit; V. Coblenz, Berlin, Prussia; George F. Hunter, Holly, Mich.; Herman F. Linders, Appleton, Wis.; John Hochm, Cleveland, O.; Joseph F. James, Washington, D. C.; Edwin S. Spencer, Ann Arbor; — Webster, Holden; W. S. Whiteley, Pittsburg, Pa.; Arthur Moyle, Holloway, England; Thos. R. Baker, Florida; Dr. Monette, New Orleans; John Stenhouse, Toronto; J. Hobart Egbert, Southampton, Mich.; W. T. Stewart, W. B. Nesbitt, George Suttle, Detroit.

"The Committee pointed out that among the applicants there were many good men and the first difficulty had been in making a selection. The applicants were told that the teaching hours would probably be increased from 630 to over 800, and the junior term would be increased by 3 weeks and the senior term one week.

"The Committee recommended that the following appointments be made:—

"A. V. Scott, B. A., M. D., Toronto, dean and the chairs of general chemistry and botany at a salary of \$1,300.

"Professor Charles F. Heebner, Ph. G., of New York College of Pharmacy, for the chairs of pharmacy, theoretical and practical, dispensing and prescriptions, and pharmaceutical chemistry at a salary of \$1,650.

"Graham Chambers, B. A., M. B., Toronto, for the chairs of practical chemistry and toxicology at a salary of \$600 per year and the assistance of a student whose fees shall be remitted by the College.

"J. A. Fotheringham, B. A., for the chairs of materia medica, Latin, microscopy, and pharmacognosy at a salary of \$750 per year.

"The salaries altogether would be \$4,300 per year for a staff of four Professors, instead of three at \$4,000, and actually less money than was paid in 1888 and 1889, with the other advantages of increase in both the junior and senior terms. The advantages to the College and students under this arrangement were too apparent to need further comment.

"The standing of Messrs. Scott, Chambers, and Fotheringham in the educational world, as shown in their testimonials from men like Sir Daniel Wilson, Professors W. H. Pyke, R. Ramsay Wright, W. H. Ellis, Alfred Baker, W. J. London, J. London, Geo. Dickson, John Maitland, J. C. Hodgson, Thos. H. Smythe, Walter B. Geikie, Thomas Kirkland, James Thorburn, W. H. Fraser, and hosts of others, together with the fact that each of these men took first class honors and medals at the University. Dr. Chambers is recently from Professor Liebrich's celebrated Pharmacological Laboratory, Berlin, Germany, devotes almost the whole of his time to teaching and laboratory work. The Committee considered themselves fortunate in having secured the services of Charles F. Heebner, Ph. G., of the College of Pharmacy of the City of New York, class of 1881, instructor in the theory and practice of pharmacy at the College of Pharmacy of New York for the past seven years, and author of the Manual of Pharmacy and Pharmaceutical Chemistry, a text-book used in almost all schools of pharmacy in the United States, and now in its third edition. He is at present and has been twelve years engaged as chemist in charge of the well-known laboratory of Lazelle, Dalley & Co., of New York. He is a co-worker with Charles Rice, Chairman of the Pharmacopoeial Revision Committee; Ewen McIntyre, Ph. G., President of the New York College, W. H. Attwood, Arthur H. Elliott, H. H. Rusby and George Massey, and is highly recommended by them. With such a faculty the Committee believed the College would be the equal of any in America. The Committee have had these men meet together and they are thoroughly in accord and will accept of the conditions. It was recommended that the President have agreements signed by these parties forthwith extending over two years, terminable by six months' notice in writing by either party; and in the event of any of them failing to carry out such agreement, the Educational, Executive and Finance Committees be empowered to fill the position subject to the approval of the Council."

Mr. McKee moved, seconded by Mr. Hall, that the report be received. Carried.

On motion of Mr. Mackenzie the Council went into Committee of the Whole on the report, and the President called Mr. Daniels to the chair.

Mr. Sanders said it was a most unhappy thing that the Council should have a matter of this kind before it. It was to be regretted that the Executive of the Council was not and had never been in accord with the teaching staff. It would be remembered that he took exception some time ago to the motion by which the Board determined to dispense with the services of the staff on 15th of August next. They should be reasonable men and remember that a matter of this kind

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should have the gravest consideration. While no reason was submitted for the action proposed, an apology for it was nothing else—was made by Mr. Slaven when he said that friction existed between the Executive and the teaching staff.

Mr. Slaven—It was not an apology.

Mr. Sanders—I considered it so.

The Chairman—It was a misconception evidently.

Mr. Sanders considered he had the right to put his own construction upon it. The explanation, as entered by Mr. Slaven, was that friction existed between the Executive and the staff. What guarantee had the Board that friction would not exist between the Executive and the new staff? His opinion was that the whole proceeding was a piece of personal spite on the part of the President. He had been told that Mr. Clark had said he had been trying for three years to get rid of Prof. Shuttleworth.

Mr. Clark—I will correct that statement right now. It is a total falsehood.

Mr. Sanders said he was still of opinion that it was a personal matter. It would be a matter of great regret to very many of the druggists of the Province if Prof. Shuttleworth's services were dispensed with. The consensus of opinion was that it would be a sad blow to the College if the teaching staff were removed. Another objection was that this would be the action of a moribund Council. The precedent had been that the expiring Council would not bind the incoming one in such matters. He therefore moved an amendment, reciting the action which had been taken by the Board, and declaring that

"Whereas no cause for such action appears, and, in point of fact, no cause exists, or ever did exist, and whereas there were doubts as to the legality of the action and as to the power of a moribund Council to fill vacancies proposed to be created after its expiry, and whereas it was the opinion and anxious desire of the druggists of Ontario that in the true interests of the College the services of Profs. Shuttleworth and Avison should be retained, and whereas it was desirable that the druggists should have an opportunity of pronouncing upon so important a matter, that it be resolved that no action be taken by the Council to carry out the motion of August 7th, but that the matter be left in abeyance to be determined by the votes of the druggists in July, 1891."

Mr. Watters, in seconding the amendment, said he was opposing the report, not in the spirit of factious opposition, nor because he believed the gentlemen who were named as the successors of the present staff were not fit and capable persons, but because he conceived it was his duty to protest against a proceeding which he considered would be harmful and dangerous to the College. Since his connection with the Board the faculty had satisfactorily performed its duty. He defied anybody to point out an instance in which there was friction between the Council and the staff. That there was discussion was only what might be expected. It had been stated by some that it was desirable that the Council should control the staff. He would like to know if the Council had not always controlled a staff. Some said there was a feeling

that a change must be made. Most of the druggists he had met had expressed the most unbounded confidence in the faculty and a high opinion of the services they had rendered to the College. The students were unanimous in their desire that the staff should be retained. For these reasons he supported the amendment, and could see that only personal motives could actuate the promoters of the report.

Mr. Clark said he supposed the idea that there was personal animosity between the Executive and the staff was based on the articles that appeared in the *Pharmaceutical Journal*. These articles were entirely misleading. To show that there was no personal objection he reminded the Board that in 1889, when the difficulty first arose, the request was made that nothing should appear in the public press derogatory to the staff. In response to this he seen the reporters and used his personal influence to prevent the publication of anything that might cause unpleasantness to the staff. That there was friction, and serious friction, no one could deny. To leave this matter over till August in order that the new Council might deal with it would leave them at the mercy of the old staff, as men such as had been named could not be expected to make a change on a moment's notice. If there was a change to be made it must be dealt with by the present Council.

Mr. Slaven said there was friction and there is still friction. After the election of the present Council it was determined to have a fixed agreement between them and the staff. A joint Committee was appointed to adjust the matter of salaries. The Committee tried to get an arrangement from time to time but the Professors were obstinate. The staff thought they owned the school and everything pertaining to it. The Council wanted a definite understanding with the staff. After a great deal of work they arrived at an understanding that the Dean and staff should have certain salaries. When the agreement was drawn up they refused to sign; then another agreement was prepared to meet their views and it resulted in the staff saying to the Council in a rather unparliamentary way that they would not sign it until there was some little word or phrase omitted over which they quibbled. Then a still milder agreement was submitted and they still refused. If he understood what friction was, it was friction, and even more than friction that existed between the Council and the staff.

Mr. Sanders said that the whole proceeding was illegal and he for one would wash his hands of any personal responsibility.

Mr. Hall said that when he entered the Council he was looked upon as a black sheep by the majority. He was not in touch with them because he was not elected on the straight ticket. But he had not been a member of the Council long before he saw that they were trying to do what was right and so he supported them.

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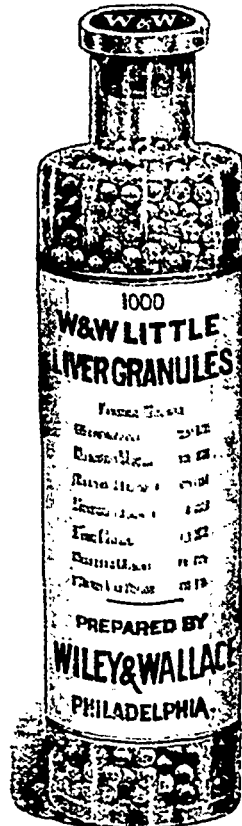
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Burdock Blood Bitters, Burdock Healing Ointment, Burdock L. and K. Plaster,

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Hagyard's Pain Remedy, Hagyard's Pectoral Balsam, Hagyard's Cathartic Pills,

Hagyard's Yellow Oil, Hagyard's Black Oil, Hagyard's Condition Powders,

Dr. Wilson's Magnetic Ointment, Hagyard's Cattle Spice, Dr. Fowler's Extract Strawberry,

Dr. Boyer's Galvanic Fluid, Dr. Fife's Worm Lozenges, National Pills,

Egyptian Salve, Dr. Abernethy's Worm Candy, Freeman's Soothing Syrup,

Freeman's Worm Powders, Freeman's New Domestic Dyes, Dr. Low's Worm Syrup,

Dr. Low's Sulphur Soap, Dr. Low's Pain Cure Oil, Milburn's Beef, Iron and Wine, Ruscoe's Hair Reviver,

Milburn's Quinine Wine, Milburn's Beef, Iron and Wine, Ruscoe's Hair Reviver.

## FRANKLIN'S ELECTRIC INHALER



The greatest known cure for Catarrh, Cold in Head, Headache, Toothache, Neuralgia, and all Nervous Pain.

It is well recommended by Physicians and others who have used it for freeing the Head of all Thick Mucus, and Clearing the Nasal Cavities. It is something every Druggist should keep in stock, as it sells well and gives good satisfaction.

Retails for 25c.

Franklin's English Remedy, Gold Oil Liniment, Blair's Cement.

Sole Wholesale by Lyman Bro., Elliott & Co., Toronto, also by Lyman, Knox & Co., Montreal.

W.A. GILL & Co. COLUMBUS, OHIO, U.S.A.

PLAIN, LACQUERED

# BOXES

AND DECORATED

MAKE THE BEST SEAMLESS TIN

• IN THE MARKET •

For sale at Manufacturers' Prices by the leading wholesale druggists and druggists' sundrymen throughout Canada.

# WATSON'S COUGH DROPS

Are the best in the world for the THROAT and CHEST and for the VOICE.

— UNEQUALLED —

R. - & - T. - W. -  
Stamped on each drop.



He challenged anybody to put a finger upon any act of the majority that was dishonest. His reason for coming to the conclusion that the relationship between the Board and the staff must cease was because there had been friction of the most unpleasant kind. It would have been better for Prof. Shuttleworth if he had recognized the fact that he must work in accord with the majority. When he failed to do that the only way the Council had to control him was to remove him. In seeking for successors to the staff he had been surprised at the ability and talent that were offering for the position. He was satisfied that under the new staff the College would occupy a better position educationally, and that the students would receive better tuition. There was nothing of a personal nature in the objections to the staff. If the matter were left over till next August it would be impossible to fill the positions.

Mr. Lawrence said he saw no reason to change the position he took upon a former occasion and therefore he would support the amendment.

Prof. Shuttleworth claimed the right to address the Board before the matter was voted upon. He had anticipated the action that would be taken. It was gratifying to him to know that in all the discussion nothing had been said derogatory to his conduct of the College, and the whole matter might be brought down to the word "friction." He was pleased to leave the school, which he has brought up from absolutely nothing to a state that it would pay a profit of \$5,000 a year. He was gratified that of the seventy-five students attending the College not one desired the removal of the staff. As to the matter of friction, it was known to everyone that he was a member of the old regime. He trusted he was a reasonable man and had proven himself to be so. When the Committee proposed a reduction of his salary in March last he very naturally objected to it. Generally when a man made a business a success he looked for increased liberality. Rather than accept the reduction he had offered to do a year's work for nothing, but that had been refused. The agreement submitted required him to do any amount of work that might be demanded at a fixed salary. He had thought this an injustice. He was sorry the trouble had occurred, and although he could not say that he wished every individual in the Council well, he assured them that he would feel a deep interest in the institution with which he had been connected for the past twenty-two years and wished it every success.

The amendment was then submitted and lost, Messrs. Sanders, Watters and Lawrence voting for it, and the remainder of the Board against it. The report was then adopted and the Board adjourned.

#### FOURTH DAY.

The Council met on Friday and resumed business.

Mr. Mackenzie presented the report of the Educational Committee which recom-

mended that for the lectures on microscopy during the present senior course Prof. Avison be paid \$200, and that Mr. Price Jackes be appointed examiner in materia medica.

The report was adopted.

Mr. Slaven read a report of the Executive and Finance Committee, proposing that \$1120 be withdrawn from the Freehold Loan and Savings Company to pay off the mortgage held by the Court of Chancery against the property of the College.

The Committee reported that the net indebtedness of the College, which in 1888 was about \$14,000, is at this date \$3,000, as follows:—

Total mortgage .....	\$10,000
Cash on hand .....	7,000
	\$3,000

"Re report of the Building Committee—the Executive endorsed the recommendations and that the Building Committee be instructed to complete the building so that it may be occupied during the coming term."

The report was adopted.

Mr. Petric moved that the report of the Building Committee be adopted, and that a Committee consisting of the President, Messrs. Petric, Hall and Daniels be empowered to go on with the work, and that the Executive be authorized to sign contracts and make payments as agreed upon by said Committee.

The motion was carried.

The election of a Registrar-Treasurer was the next order called.

Mr. Mackenzie moved, seconded by Mr. Hall, that Mr. Isaac T. Lewis be Registrar-Treasurer.

The Chairman ruled this out of order as the election by By-Laws must be by ballot.

Mr. Daniels moved, seconded by Mr. Lawrence, that the President cast the unanimous ballot of the Board for Mr. Lewis.

The motion was carried, and the Registrar-Treasurer was re-elected with loud applause.

On motion of Mr. McKee the Council adjourned to meet at the call of the President.

**REMOVAL OF MOTHER-MARKS.**—The *Allgemeine Medicinal Central-Zeitung* gives the following as very efficacious: Mix 1 part of tartrate of antimony with 4 parts of emplastrum saponatum and work into a paste. Apply the mixture over the mark to be removed to the depth of one line (one-twelfth inch), and cover with a strip of gummed paper or court plaster. On the fourth or fifth day suppuration sets in, and a few days later scarcely a sign of the mark can be seen.

#### Situation Wanted.

**SITUATION WANTED** by a young man with 4 years experience. Good steady habits. Best of recommendations. Would prefer the city with a view of attending lectures at the College. Address, "Radix," Deseronto, Ont. Box 418.

#### Business for Sale.

**DRUG BUSINESS** in a progressive Town in N. W. T. Reason for selling, ill-health. Apply to Box 1348, Winnipeg, Man.

# MARTIN, ROSSER & CO.

## IMPORTERS

—AND—

## Wholesale Druggists

McDERMOTT ST. EAST,

WINNIPEG, MAN.

TRADE MARK **DR. WILLIAMS' PINK PILLS FOR PALE PEOPLE.** REGISTERED.

**MESSRS. FULFORD & CO.** take this means of notifying the trade that they are the Wholesale Trade Agents for these justly celebrated pills, and are prepared to supply the trade in any quantity. Arrangements are now being perfected for an extensive line of newspaper advertising for **PINK PILLS**, and during the past couple of months several hundred thousand neat pamphlets, with testimonials, etc., have been circulated throughout the country, and there is sure to be a large and increasing demand for these Pills. All dealers are advised to lay in a supply at once, that they may be in a position to meet the demand. Profits large; sales certain. Order your supply now.

## PINK PILLS

Have no equal as a Blood Builder, for men and women. They cure Anaemia, all forms of Debility, Suppressions of the Monthly Periods, Female Weaknesses, Palpitation, Shortness of Breath, Cold Hands and Feet, Nervous Headache, Chronic Constipation, Premature Decay, Loss of Powers, Loss of Memory, Involuntary Losses, etc. Address all orders,

The Dr. Williams Medicine Co.,

BROCKVILLE, ONT.

FULFORD & CO.,

Wholesale Trade Agents.

# To the Retail Druggists and Chemists of Canada.

GENTLEMEN :

Owing to the rapidly increasing demand for my Preparations and the numerous orders received from Retail Druggists, I have concluded to place the Medicines in the hands of the Wholesale Druggists of Canada.

The following Agents have thus far been appointed :

## DRUGGISTS -- WHOLESALE.

### TORONTO, ONT.

Lyman Bros. & Co.  
Elliott & Co.  
Northrop & Lyman.  
T. Milburn & Co.  
Lyman, Knox & Co.

### HALIFAX, NOVA SCOTIA.

Brown & Webb.  
F. C. Simson & Co.  
Forsythe, Sutcliffe & Co.

### LONDON, ONT.

J. A. Kennedy & Co.  
The London Drug Co.

### HAMILTON, ONT.

J. Winer & Co.  
A. Wilson & Co.

### MONTREAL, QUE.

Lyman, Sons & Co.  
Evans & Sons.  
Kerry, Watson & Co.  
Lyman, Knox & Co.

### BELLEVILLE, ONT.

L. W. Yeomans.

### WINNIPEG, MAN.

Martin, Rosser & Co.

### ST. JOHN, N. B.

S. B. Barker & Sons.

### OTTAWA, ONT.

H. F. McCarthy.

### VICTORIA, B. C.

Langley & Co.

### GUELPH, ONT.

A. B. Petrie.

MY PREPARATIONS :

**Slocum's Psychine,**  
**Oxygenized Emulsion of Pure Cod Liver Oil,**  
**Coltsfoot Expectorant, Regulative Pills,**  
**Magnetic Medicated Plasters,**

*Can be purchased through the above Houses at List Prices. Price List and Beautiful Lithographs supplied on application.*

**T. A. SLOCUM, M. C.,**

186 West Adelaide Street, TORONTO, ONT.

## CANADIAN DRUGGIST.

WM. J. DYAS, EDITOR AND PUBLISHER.

FEBRUARY 15th, 1891.

The date of the meeting of the American Pharmaceutical Association has been changed by the Council from May 4 to April 27. This change was made in courtesy to the American Medical Association, and in order that the dates of the two meetings should not conflict.

\* \*

Dr. Baldwin, of Randolph, has introduced in the Legislature of Georgia a bill entitled "A bill to prohibit physicians or prescription clerks in a drug establishment from pursuing their profession or calling, who may become intoxicated from the use of intoxicating liquors or opiates and to provide a penalty therefor."

Dr. Baldwin's bill is strict in its bearing, and if a doctor or drug clerk gets drunk a second time he is knocked out of his profession.

\* \*

The agitation on the subject of proprietary medicines being sold elsewhere than in the drug stores, and at cut prices, has borne some fruit in that several of the largest manufacturers, notably C. J. Hood & Co. and J. C. Ayer & Co., have issued circulars to the trade announcing their intention of adopting some method to remedy these evils and prevent indiscriminate cutting of their goods by the "muslin" stores. The druggists of Albany, N. Y., have for some time boycotted Hood's Sarsaparilla and would not carry it in stock.

## Council Notes.

The meeting of the Council of the Ontario College of Pharmacy, held on Feb. 3rd, 4th, 5th and 6th, was the final regular meeting for the present Council, whose term expires in July next. Perhaps at no time in the history of the College has so much attention been paid to the action of our pharmaceutical legislators as to the last two sessions of this body. Matters of vital interest to the College and to druggists generally, have come up for discussion, and radical changes, especially in the teaching staff, have been decided upon, and in this as well as in the majority of matters which have come before them we believe the Council have acted solely with a view to the furtherance of the best interests of the College and the maintenance of the high standard which it has already attained. As will be seen by reference to the extended report of the proceedings of the February meeting, as given in this issue of the CANADIAN DRUGGIST, the Council has a nice balance to its credit, and a constantly increasing revenue.

The decision arrived at to employ a permanent officer who will make a systematic canvass of the whole Province every year to look up delinquents, and prosecute all cases of infringements is, we consider, the best and most feasible plan that could

be adopted. As things are at present the druggist has not that protection from competition with the unlicensed man that he is entitled to, and in many cases the law is quite a "dead letter."

As will be observed, a completely new staff of Professors have been engaged, and from the high standing of the gentlemen appointed and the very strong recommendations received as to their ability and fitness for the position assigned them, we predict a bright prospect for the College of Pharmacy and a still further elevation of the educational standard for which it has become noted.

There were in all thirty-three applicants for the vacant chairs, and the selection of four of this number must have entailed considerable difficulty considering the number of excellent men who offered.

We are pleased to see that the former Registrar, Mr. T. T. Lewis, has been retained, undoubtedly "the right man in the right place."

There is one point which must appear to the interested druggist as rather strange, viz.: that arrearages to the amount of \$1352 are still due. That this amount should remain uncollected is an injustice to those who pay their fees regularly, and we trust that now that we are to have an official to look up all delinquents, such an item will not again appear in the Treasurer's statement.

## Provincial Pharmaceutical Association.

We would again refer to the suggestion made in the communication of Mr. R. S. Muir in the December number of this journal as one worthy of consideration, and we believe if acted upon would prove a boon to the retail trade of the Province. It is an admitted fact that the drug trade of to-day is largely affected, not only by outsiders who eagerly take up any line of goods which offers a fair profit, but it also suffers from the peculiar way of doing business adopted by some druggists. It is not at all an unusual thing to find druggists in the same locality selling at totally different prices—in some instances a difference of fully 100 per cent. being made—and the laity, already too willing to believe that the druggist is exorbitant in the matter of profits, becomes more self-convinced when such a discrepancy in charges is noticed; and this is only one of the matters that could be settled at a convention of the kind proposed. Other matters for discussion might be the charges for physician's prescriptions and the adoption of a system of marking the price charged, so that no matter where dispensed, the same rate might be paid.

Then again, the matter of illegally conducted businesses which the authorities seem to have difficulty in coping with, might be thoroughly discussed and a remedy suggested. Also the liquor license Act as it affects druggists, the sale of proprietary medicines to those outside the drug business, these and many other subjects might with profit be gone into. As

to the meeting of such a convention, we quite agree that apparently the most feasible plan would be for each local or divisional association to appoint one or more delegates to meet in Toronto at a date to be agreed upon through correspondence of the secretaries of these Associations.

We invite druggists to make use of our columns in giving expression to their views on this matter, which, although for the time being might be only provincial in its nature, could ultimately with profit be extended to all the Provinces of Canada.

## Change in Prices.

Since going to press, a sudden drop in the price of Hydrate of Chloral has taken place, jobber's figure now being \$1 per pound. Carbolic Acid is also easier, and lower price probable.

## Estimation of Iron in Presence of Glycerine.

BY WILLIAM DUNCAN.

About six years ago when working on Blaud's pills I noticed that when massed with glycerine, they invariably gave a very high reading for ferrous carbonate. I was reminded of this the other day when estimating some ferri carb. sacch. the ferrous carbonate for which had been precipitated in presence of glycerine. I found the yield of  $\text{FeCO}_3$  to be almost 100 per cent. The reducing action of the glycerine being suspected a 2 per cent. solution of ferrous sulphate was prepared, and also a second solution of the same strength, to which 2 per cent. of glycerine was added. The first solution on estimation indicated 1.989, or practically 2 per cent.; while the second, containing glycerine, indicated 2.61 per cent. of ferrous sulphate. The experiment was repeated several times with concordant results, thus proving that the presence of the glycerine gave rise to an error amounting to 33 per cent. in excess of ferrous sulphate actually present. It is evident, therefore, that glycerine is quite as liable to lead one astray as sugar in estimating a ferrous salt, and, where accuracy is required, it must either be got rid of before the estimation is proceeded with, or be allowed for in calculating the results.—*British and Colonial Druggist.*

TO PREVENT EVIL SEQUELLE IN THE EXHIBITION OF THE IODIDES.—In giving iodine or the iodides internally for a considerable length of time, unpleasant symptoms often develop as a result, and it is a fact not generally known that these may be avoided by the daily administration of 15 to 20 grains of sodium bicarbonate.—*National Druggist.*

Thermometers were made by Drebel in 1620.

Everything comes to him who waits—except the thing he is waiting for.

The greatest coward to be found in the world is the man who is afraid to do right.

# Fels & Co's Toilet Soaps

MADE BY  
FELS & CO.,  
PHILADELPHIA.

ARE UNIQUE IN QUALITY,  
BEAUTY OF FINISH,  
STYLE OF PACKAGE AND  
VARIETY.

They are unexcelled by those of any other manufacturer, and  
at less price, (quality considered.)

For information correspond with

THE HEMMING BROS. CO., Limited,  
TORONTO.

## Circular to the Trade.

Having recently purchased from Brown Bros. & Co. the Trade-Marks, Patent Rights, and business of

### PUTTNER'S EMULSION,

We beg to solicit your interest in keeping this old established and valuable remedy before the public.

PUTTNER'S EMULSION is the oldest of the many emulsions now offered to the trade, and maintains its lead against them all.

It is a Native Preparation. It pays the dealer a good profit. It is a good seller, and therefore safe to stock with, and it is undeniably the best for the consumer, for the following among other reasons:—

1. It is the richest in oil.
2. The oil is pancreatized, that is, partially digested, and thus better suited to weak stomachs.
3. The bottles are fully one third larger than others sold at the same price—a point of great interest to the patient.

The Emulsion may be had of any Jobber or Wholesale Druggist in the Dominion, at \$4.00 per dozen, \$3.75 by three dozen, or \$42.00 per gross.

Soliciting the favour of your orders to your Wholesale House, we are

Yours respectfully,

**BROWN & WEBB,**

HALIFAX, N. S.

February, 1891.

## To Retail Druggists and Chemists

Yearly contracts for advertising ST. JACOBS OIL have been made with all the leading newspapers of the Dominion, and other means have been adopted to extend the sale of this Great Remedy. Novel advertising matter, bearing dealers' card, furnished FREE upon application to EDWIN A. WILSON, Canadian Depot, TORONTO, ONT

**ST. JACOBS OIL**  
TRADE MARK



THE  
**GREAT REMEDY**  
FOR PAIN.

—CURES—  
**RHEUMATISM,**  
**NEURALGIA, SCIATICA,**  
Lumbago, Backache, Headache  
Toothache, Sore Throat,  
Frost Bites, Sprains, Bruises,  
Burns, Etc.

## FOR WEAK AND INFLAMED EYES

Or Chronic Granulation of the Lids, or  
Ulceration of the Glands, Flim, Weak-  
ness of Sight, from any cause.



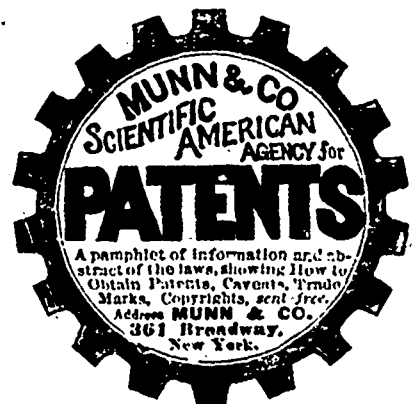
AS A LIP SALVE it is Unparalleled and should be kept on every Lady's Toilet Table, and in Gentlemen's Pockets for immediate use. For Chapped Hands, Cold Sores, Pimples, or Roughness of the Skin, its healing and soothing powers are truly marvellous.

For Piles it is worth its weight in gold.

Golden Eye Salve is sold by all Druggists.

Use Golden Eye Salve for weak and inflamed eyes.

For weak or inflamed eyes use Golden Eye Salve.



A pamphlet of information and abstract of the laws, showing how to Obtain Patents, Caveats, Trade Marks, Copyrights, sent free. Address **MUNN & CO.** 361 Broadway, New York.

## Nova Scotia Notes.

The entertaining communication of your Winnipeg correspondent in your January issue suggests the idea that some account of pharmacists and pharmacy in this most eastern city of the Dominion would not be without interest to your readers. Halifax has about 50,000 inhabitants, and their wants in the drug line are ministered to at present by nineteen retail drug stores. Most of these are conducted by young men, with the exception of the veteran H. A. Taylor, the genial *doyen* of the Halifax druggists, whose humorous advertisements have long been "a feature" of Halifax papers. Indeed Mr. Taylor should not be made an exception to the general youthfulness of the trade, for he seems as young as thirty years ago. Prominent as ever in temperance and other philanthropic work, and in Scottish gatherings, he is still at his counter dispensing the famous lozenges, &c., ably supported by his son, who bids fair to worthily succeed him. A notable proportion of our drug stores are the lineal successors or branches of old established houses. Thus, the business now known as Apothecaries' Hall was originated by Dr. Avery in 1824, that of Brown Bros. & Co., by John Naylor, early in the thirties. J. Godfrey Smith, favorite vocalist as well as popular and successful druggist, continues the business known as Langley's thirty years ago—afterwards owned by George Johnson, now Dominion Statistician, Ottawa. Several others might be mentioned. With these claims to long descent there is no lack among our druggists of youthful enterprise and modern methods. The stores of Buckley Brothers and Irwin & Sons, are recent specimens of improvement in the direction of beauty and convenience. Hattie & Mylius, and Godfrey Smith have shops that would do credit to any city, and, located on Hollis st., close to the hotels, clubs, banks, and market, they enjoy, no doubt, the cream of the city trade. The latest addition is the new shop of Brown Bros. & Co. This firm, after being thirty years in one stand, seems to have taken a new lease of life, and has recently removed to a new store directly opposite the old one, and in one of the finest stands in the city, corner of Granville and Buckingham sts. The shop is beautiful in itself, and fitted up at great expense and in excellent taste, and reflects great credit on Mr. Hamilton, the popular and pushing junior partner and manager of this old established business house. Elaborately fitted in solid cherry, of very original design, with imposing dispensing case, tiled floor, handsome polished wood ceiling, lighted with electricity and heated with hot water. It is to be hoped the business done in this magnificent Temple of Pharmacy will repay such lavish expenditure.

The legitimate profits of the retail drug trade here are seriously lessened by the "cutting" of prices of all, or most, of the leading patent medicines and toilet articles. This vicious practice, introduced by

a firm of notion sellers from abroad, has been accepted and carried to an absurd length by all, or nearly all, of our retailers to their great loss—many of the articles being sold to the public at a mere fraction above wholesale prices. No tradesman more hardly earns or better deserves his fair profit than the retail druggist, and it is to be hoped our druggists will find a way to remedy the existing unsatisfactory state of things in this respect.

BLUENOSE.

## British Columbia Notes.

Retail druggists throughout the cities of this Province report business as very satisfactory at the present time, and with those engaged in all other lines look forward to a year equally prosperous with the one we have just passed through. It is true, one or two drug businesses in the Province are offered for sale, but in each case good reasons are given for doing so. For instance, Mr. G. H. Blakeway, of Nanaimo, announces his intention to sell. Death entered Mr. Blakeway's home at Christmas-tide and carried away the fair partner in his joys and sorrows, and he has since decided to leave that city.

Mr. A. M. Herring, the owner of one of the first drug businesses established in New Westminster, proposes to sell out. Mr. Herring has "made his pile."

Among the new candidates for public patronage who have opened out in Victoria is Mr. Chas. E. Jones, formerly clerk at Moore & Co.'s. Mr. Jones is a young gentleman possessing popular qualities, and with a nicely fitted up and well furnished store, is sure to do a share of the Victoria business.

In Vancouver the new sign of W. E. McCartney has lately been hung out. Mr. McCartney formerly did business in Kamloops, but has decided to come down and join the majority on the coast.

The druggists of British Columbia, at the time of this writing, are engaged in forming themselves into a Pharmaceutical Association. They propose during the coming session of the Provincial Parliament to ask for the same legislative privileges as have been accorded to druggists in other provinces, and have some hope of success. Hitherto all efforts in this direction have proved abortive.

## The Alcohol Test for Pure Castor Oil.

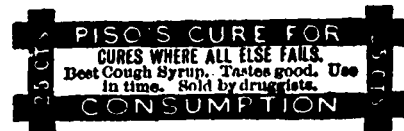
BY J. ARTHUR WILSON.

Castor oil differs in many respects from most fixed oils, especially in consisting largely of the glyceride of ricinoleic acid which is soluble in absolute alcohol. Hence this reagent can be used for the detection of impurities in castor oil. Like most other tests of a similar kind, it is not of much use for the detection of small quantities of foreign oil, owing to the solvent action of the dissolved castor oil on the small proportion of foreign oil that may be present.

The British Pharmacopœia directs that pure castor oil shall be soluble in an equal measure of absolute alcohol and twice the measure of rectified spirit.

According to Mr. Allen ("Commercial Organic Analysis," vol. ii. 128) this is correct at 30° C., providing spirit of exactly 0.838 gravity be used. I have examined a number of samples of both commercial and medicinal castor oil, strictly at 30° C. and by a spirit of exactly 0.838 specific gravity, and find that at exactly 30° C. the oil is not completely soluble, but that the temperature of solution varies between 38° and 43° C. I may say that the oils I used satisfied all other requirements as to purity.

In carrying out the alcohol test it is best to operate as follows: One measure of the castor oil under examination is mixed thoroughly with two volumes of spirit of exactly 0.838 specific gravity, and then heated, stirring well with the thermometer till complete solution. In the case of genuine castor oil this will be between 38° and 43° C., possibly lower than the former; whilst if any foreign oil be present, the temperature will be much higher, and in gross adulteration, some oil may not be dissolved even at the boiling point of the mixture.—*Chemical News.*



**THE ALBERT TOILET SOAP CO.'S** has the largest sale of any Toilet Soap in the country on account of its uniformly excellent, delicate and fragrant qualities.

## AN OLD NURSE FOR CHILDREN!

MRS. WINSLOW'S

## Soothing - Syrup

FOR CHILDREN TEETHING.

Should always be used for Children while Teething. It Soothes the Child, Softens the Gums, Allays all Pain, Cures Wind Colic and is the Best Remedy for Diarrhoea.

TWENTY-FIVE CENTS A BOTTLE.

Endorsed by the Press, the Clergy and Medical and Electrical Experts.

# — THE OWEN — Electric Belt and Appliance Company.



HEAD OFFICE, CHICAGO, ILL.

Incorporated June 17th, 1887, with a Cash Capital of \$50,000.

(PATENTED IN CANADA, DECEMBER, 1877.)

71 KING-ST. WEST, - - TORONTO, ONT.

G. C. PATTERSON, Manager for Canada.



### Electricity as applied by The Owen Electric Belt and Appliances

Is now recognized as the greatest boon offered to suffering humanity. It has, does and will effect cures in seemingly hopeless cases where every other known means has failed. Rheumatism cannot exist where it is properly applied. It is nature's cure. By its steady, soothing current, that is easily felt, it will cure:

- |                     |                    |
|---------------------|--------------------|
| Rheumatism,         | Liver Complaint,   |
| Sciatic,            | Female Complaints, |
| Spinal Diseases,    | Impotency,         |
| General Debility,   | Constipation,      |
| Neuralgia,          | Kidney Diseases,   |
| Lumbago,            | Varicocele,        |
| Nervous Complaints, | Sexual Complaints, |
| Spermatorrhoea,     | Epilepsy or Fits,  |
| Dyspepsia,          | Urinary Diseases,  |
|                     | Lame Back.         |

### WE CHALLENGE THE WORLD

to show an Electric Belt where the current is under the control of the patient as completely as this. We can use the same belt on an infant that we would on a giant by simply reducing the number of cells. Ordinary belts are not so. Other belts have been in the market for five or ten years longer, but to-day there are more Owen Belts manufactured than all other makes combined.

### RHEUMATISM.

It is certainly not pleasant to be compelled to refer to the indisputable fact that medical science has utterly failed to afford relief in rheumatic cases. We venture the assertion that although electricity has only been in use as a remedial agent for a few years, it has cured more cases of Rheumatism than all other means combined. Some of our leading physicians, recognizing this fact, are availing themselves of this most potent of nature's forces in supplying defects and correcting irregularities.

### To Restore Manhood and Womanhood.

As man has not yet discovered all of nature's laws for right living, it follows that everyone has committed more or less errors which have left visible blemishes. To erase these evidences of past errors, there is nothing so equal Electricity as applied by the Owen Electric Body Battery. Rest assured any doctor who would try to accomplish this by any kind of drugs is practising a most dangerous form of charlatanism. Use the Electric Cure and shun the drug stores.

### BEWARE OF IMITATIONS AND CHEAP BELTS.

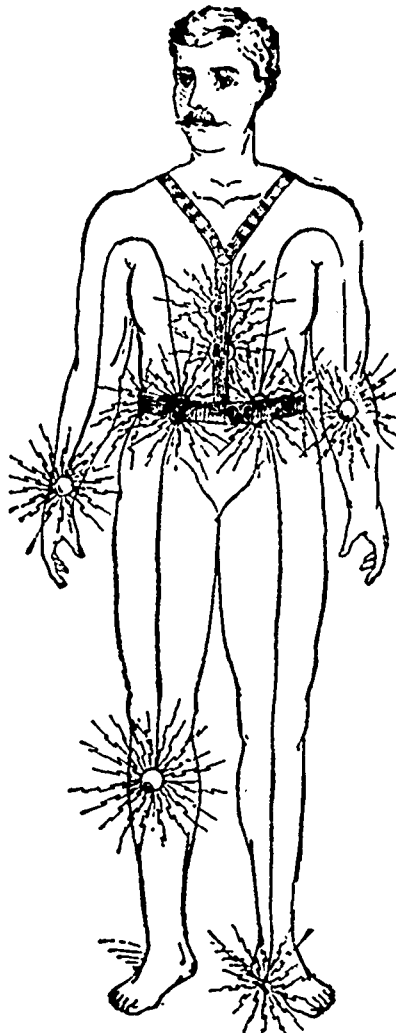
Our attention having been attracted to base imitations of "The Owen Electric Belt," we desire to warn the public against purchasing these worthless productions put upon the market by unprincipled men, who, calling themselves electricians, prey upon the unsuspecting by offering worthless imitations of the **Genuine Owen Electric Belt** that has stood the test of years and has a continental reputation.

Our Trade Mark is the portrait of Dr. A. Owen, embossed in gold upon every Belt and Appliance manufactured by The Owen Electric Belt and Appliance Company. None Genuine without it.

The cheap so called Electric Belts advertised by some concerns are perfectly worthless as a curative power and dear at any price. A genuine Electric Belt cannot be manufactured and sold at cheap prices.

WRITE FOR TRADE DISCOUNT AND CATALOGUES.

The Owen Electric Belt Co., - 71 King St. West, Toronto,



### Extracts from Canadian Testimonials.

"For eight years I have suffered with rheumatism, and am now out of pain and growing better daily, and in my 74th year. Can confidently recommend the Owen Belt when every thing else fails." - A. Menzies, Niagara Falls, Ont.

"Having some knowledge of electricity and its power, and having used other belts prior to my use of yours, I can say that it is the best I have ever worn." - James Blair, Fort Dalhousie, Ont.

"Your Electric Belt cured a violent attack of Sciatic Rheumatism of several months' standing, in eight days." - W. Dixon, sr., Grand Valley, Ont.

"Saved my life when I had Muscular Rheumatism" Mrs. Carroll, 1015 West Market Street, St. Louis.

"Am much pleased with belt, it has done me a great deal of good already" J. Seminger, Galt, Ont.

"Have been a sufferer for years from Nervous Headaches and Neuralgia. After trying one of your belts am more than satisfied with it. Can knock out a headache now in 15 minutes that used to keep me in bed for days." - Thomas Galer, 310 Crawford street, Toronto.

### GEO. C. PITZER, M. D.

Professor of the Theory and Practice of Medicine in the American Medical College, St. Louis, author of "Electricity in Medicine and Surgery," says:

St. Louis, Mo., June 19, 1887.

"I take pleasure in stating that I have examined and tested Dr. Owen's Electro-Galvanic Belt and Appliance, and do not hesitate to say that it is the most practical and efficient of all the galvanic belts I have used in my practice."

GEO. C. PITZER, M.D.,

110 Chambers street.

Dr. Pitzer is considered the best authority we have in the world on electricity.

### Electric Insoles.

No cold feet. Cures chilblains. Dr. Owen's Electric Insoles will prevent Rheumatism and cure Chilblains and Cramps in the feet and legs.

PRICE, - - \$1.00

SENT BY MAIL.

## CORRESPONDENCE.

Correspondence is invited from all members of the profession. We do not hold ourselves responsible for opinions of correspondents. All communications must have the name of the writer attached, not necessarily for publication, but as a guarantee of good faith. Any nom de plume may be used for publication. Write only on one side of the paper, and be concise.

To the Editor CANADIAN DRUGGIST:

DEAR SIR,—At a meeting of the Council of the Pharmaceutical Association of the Province of Quebec, held on Thursday, the 3rd inst., the following resolution was passed unanimously, namely:—That on May 1st next the annual registration fee of licentiates of pharmacy be reduced to the original amount, namely, five dollars, and that the annual registration fee for certified clerks and certified apprentices remain the same as before.

E. MUIR, Registrar.

Editor and Teacher.

(TWO OF A KIND.)

Editor CANADIAN DRUGGIST:

Thank you very kindly Mr. Clark for your last letter to THE CANADIAN DRUGGIST. The information there given is just what every druggist wants, a knowledge of where his money goes.

I don't begrudge paying my four dollars a year when my apprentice gets some benefit from it, and I the protection I need and desire: but I very naturally am surprised to learn that our Great Parental Pharmacy Instructor has in the past used our Councillors for his own pecuniary benefit, by getting their authority for the establishment of a school, which he has taken the fees from, while permitting them to foot the bill for expenses. I am even ready now to credit the assertion, if made, that the balance of my four dollars, after paying for the *Journal*, was used for that purpose.

I am sorry that I can't send this communication to our *College Journal*, but when our Vice-President, Mr. Hall, is refused permission to make use of its columns for explanations to us, I am afraid that the dollar a year I am also obliged to pay towards its support will not secure me any greater favor, at least, I won't beg for what should be my right. I am only sorry that I have to squander a good dollar for so poor a purpose.

For years Prof. Shuttleworth and his friends have been educating us to believe that his self-sacrificing devotion to the *College* made it what it is. Only a year ago, according to his own statement, we had an example of his willingness to bleed again for the *College*, "if its financial position required it," when he knew well that its finances were never in such good shape, and that the Council would not for a moment look upon such an offer excepting as election clap-trap, to be used just as it is being used by his friends. President John A. Clark's letter, in last month's issue, is somewhat calculated to dispel the 'hulo' with which Mr. Shut-

tleworth had encircled himself, and which has dazzled our eyes so long. Let us have a little more of such internal thunder and we will arrive at the truth, although it be to demolish our idol.

And so it appears that it was not our self-sacrificing hero at all who built up the *School of Pharmacy*, but poor Mr. Heys, who worked from 1873 to 1883 against every kind of opposition to get together a class of young men to educate as druggists; and just as his hard work was about to be rewarded, up springs our hero, who, backed by his friends on the Council Board, gets through a resolution to rent rooms and equip them as a teaching school, to be known as the only *College school* to be recognized by the Council; all this of course at the expense of the Council, whereas Mr. Heys paid his own expenses.

This clever, though questionable act of Prof. Shuttleworth, enabled him to appropriate the vocation, the labor of years, and the scholars of Mr. Heys, and at the same time to cut off all other rivals in the field of free competition. It was a clever piece of strategy, worthy of a Von Moltke, and has been rewarded each year since by a salary of over \$1,800; of course we must not omit the fact that three hours a day for seven months during the winter season was given as a return. The Council, at the time, secured the services of Mr. Shuttleworth as editor of the *Journal* for the modest additional sum of seven hundred dollars, thus paying him out of their limited revenue over \$2,500 per year. The Professor and Editor had still plenty of time to devote to lecturing in Trinity Medical School, and to carry on a manufacturing laboratory as well. In addition profits from advertisements in the *Pharmaceutical Journal* were his, and a most satisfactory result was the consequence—all was peace and quietness.

This, together with the contract for editing and publishing the *Canadian Pharmaceutical Journal*, was an eye-opener for me. That *Journal* is a beauty. The druggists of this Province can't understand its nature. It is time the Council took us into their confidence and opened up some of these nuts. The *Journal* is a beauty, but the *Journal* contract is beautiful, and our Von Moltke, who is quite equal to such emergencies, made it so. Here it is out of the nutshell. It was made in 1883, with the blessed privilege of renewal at the end of five years. Very good, the five years came to an end under present Council auspices, and they had to renew or go to law, which latter course they had better have taken as it will have to come to that anyway. To begin, look at the pages of the *Journal* up to 1883. No advertisements, no efforts made to make it pay by either editor or Council, yet how easy it would have been to get advertisements for a journal with an assured subscription list of 700 druggists. The result was the Council lost money every year, but Mr. Shuttleworth wasn't offering to bleed for sweet charity's sake just then. Oh, no! he accepted for his services as editor \$500 per year, and

# Kerry, Watson & Co., WHOLESALE DRUGGISTS, 351 St. Paul St., MONTREAL.

We call attention this month to the following recent importations, and invite correspondence from buyers. Samples and quotations given promptly.

Purchasers will consult their own interests by getting our prices before buying.

Virgin Olive Oil in 1 gal. cans  
Virgin Olive Oil in 5 gal. cans  
Virgin Olive Oil in flasks  
Castile Soap, Dragon Brand, White  
Castile Soap, Vierge Brand, White  
Castile Soap, Ciel Brand, Mottled  
Castor Oil, Italian "Water White"

## CHAMOMILES.

We offer a specially fine sample of this year's crop at low figures.

Rose Petals Red, this year's picking  
Acetic Acid Glacial in 44 lb demis  
Acetic Acid, Strong B P, 44 lb demis  
Sweet Almond Oil in 10 lb tins  
Origanum Oil in 10 lb tins  
Rosemary Oil in 10 lb tins  
Garden Lavander Oil in 10 lb tins  
Orange Flower Water in 52 pound  
coppers  
Rose Water in 52 lb coppers

WESTERN HOUSE,

## The London Drug Co.

LONDON, ONT.



LIFE,  
GROWTH  
—AND—  
BEAUTY  
FOR THE HAIR.

# LUBY'S PARISIAN HAIR RENEWER

AS a dressing for Ladies' and Gentlemen's Hair, it has no equal.

Strengthens weak hair,  
Checks its falling out,  
Allays irritation of the scalp,  
Removes all traces of Dandruff,  
Restores gray and faded hair,  
Keeps the head clean and cool,

—AND—  
IS NOT A DYE.

Sold by all Chemists and Perfumers.  
Large Bottles, 50 Cents each.

General Agent for the Dominion,  
**R. J. DEVINS,**  
No. 4, St. James St., Court House Square,  
MONTREAL.

## DID YOU HEAR ABOUT —THIS?—



### Pennyroyal Wafers

Have an Imprint Label on Both Box and Wrapper in French and English, with our Signature in RED across both. Look for this hereafter.

### NOT A DRUGGIST

In Canada or United States ever was overstocked with our goods when buying of us, but several got hit with counterfeits. We cannot advertise counterfeit goods. But the original and genuine we will advertise, and well, too.

We want one Druggist in each town or city for Local Agent. Will advertise him as local dealer. Make terms with him in which his profit is assured.

If you want to get good profits at no expense to your self, write to us, tell us something about your location and class of trade. We ship from Windsor, Ontario. No Duty to pay.

Address to Main Office,

**Eureka Chemical Co.,**

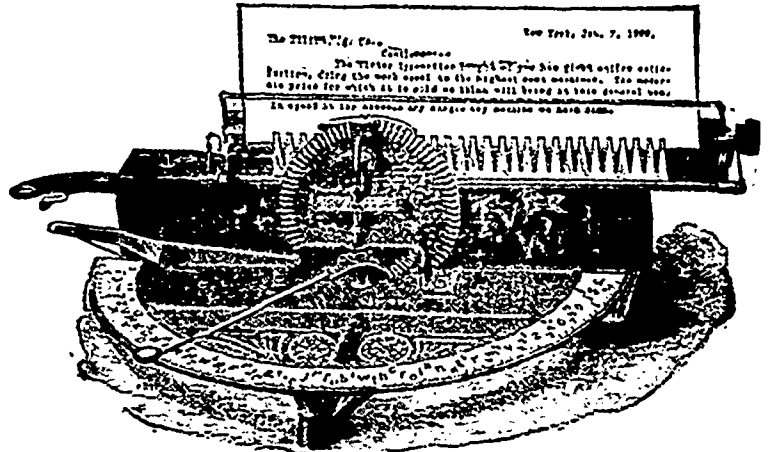
10 & 12 Michigan Ave.,  
DETROIT, MICH.



This preparation is being extensively advertised. Sales steadily increase wherever introduced. Trade supplied by Wholesale Drug Houses. You will largely increase your sales by keeping our FREE SAMPLES to give your customers. Furnished free by application to

**D. DENSMORE & CO.,** 317 CHURCH STREET,  
TORONTO, - ONTARIO.

EVERY  
DRUGGIST  
SHOULD  
HAVE ONE OF  
THESE  
MACHINES.



Your writing is readable. Mistakes prevented in writing your wholesaler. They do the work like the larger machines. The Canadian Druggist has one. "Can we send you one?"

**GEORGE BENGOUGH, Agent.**

4 Adelaide St. West, Toronto, Ont.  
Corner Yonge.

Agents wanted in every town and city in Dominion.

## "How To Do Business,"

OR  
THE SECRET OF SUCCESS IN RETAIL MERCHANDISING,  
By GEO. M. McLean.

The Most Comprehensive, Practical and Valuable Treatise on Business, and How to Successfully Do It, Ever Published.

A text book of practical hints, rules and examples of such rare value that every one, no matter how old and experienced, cannot but derive absolute and positive value from its teachings—write to the young novice it is a hand-book and treasure of indispensable value.

Contains 29 Grand Chapters on the Following Subjects:

How to Do Business—Choosing a Business or Profession—The Rise and Fall of Business—Purchasing Stock, Factors of Success—How to Obtain Credit—Marking Goods—Advantages of Advertising—Employing Clerks—Selling Goods—Exclusive Cash Sales—Selling Goods on Credit—Cash and Credit Combined—Cause of Success or Failure—Proper Settlement—Depreciation of Goods—Losses in Business, which Occur to the Merchant—Expenses and Accounts—Co-partnership and its Advantages—Business and Social Intercourse—Proper Investment of Profits—Insolvency, its Cause and Prevention—Qualifications Necessary to Insure Success—Mercantile Examples—Expenses of Doing Business—Value of any of Business Terms—Preparation for Business—Secure the Confidence of Customers—Valuable Hints, Comprising Short Chapters and Paragraphs on Business Methods, Systems, Rules, Etc.

Postpaid On Receipt of \$2.00.

**SPECIAL OFFER—We will send you, prepaid, this book—as valuable as if specially written for your business—for \$1.50. For sale at this office.**

# GIBBONS' Toothache Gum

PREPARED BY

**J. A. GIBBONS & CO.,** Toronto and Buffalo.

SOLD BY ALL WHOLESALE HOUSES  
IN CANADA.



the Council were just that much out of pocket; but peace and quietness was secured, no sarcastic reference to the Board or any of its individual members appeared in the *Journal*. The magic oil, which quiets troubled water, was in the form of hard cash, and never proved more effective.

About this time, 1883, you, Mr. Dyas, and the editor of the *Chemist and Druggist* seem to have innocently imagined that the Council might allow you to publish the *Journal*, for at page 19 of the *Journal* for 1883 I see you made an offer to that effect; but, oh, no! such competition must be legislated from the field of free competition. Journalistic rivals was the subject this time, and Von Maltke persuaded the Council to try the "Heys' lymph" on you gentlemen. The reaction proved too powerful and you succumbed.\*

By what process of reasoning the Council were persuaded to believe it better to void the contract to pay Mr. Shuttleworth \$500 per year as editor, and perhaps as much more for printing, (with the advantage to the College of all the advertising and circulation) and to hand over all our rights in the *Journal*, which they admit had cost so much to build up, and the annual sum of \$700 per year besides; it is difficult for the ordinary mind to conceive.

But that's not the worst. They made no stipulation in the agreement that the *Journal* was to be conducted fairly and without favor. They surely could not have foreseen that it would be used as a weapon against the very men who subsidized it, and to keep in power its editor, Mr. Shuttleworth, yet such is the use being made of it. Every druggist in Ontario is compelled to pay his dollar per year to damn the Council and to uphold the editor and his friends at the Council Board. What an anomaly! and what legal or other right had the Council of 1883 to pay out 25 per cent. of our annual dues of \$1 for such a purpose? we supposing it to be used for enforcing the Act and protecting our interests.

They likewise bound themselves and their successors not to recognize any publication of a similar character (I hope that word character lets them out) and gave Mr. Shuttleworth a proprietary right in all advertisements. Opposition journals were again fenced, the Heys lymph acting so well, that a standing order was given to one of Toronto's wholesale druggists for a continued and unlimited supply. Peace and quietness followed the application of the lymph; no ripple of dissatisfaction with the Council stirred the self-sacrificing Editor, and no weaknesses of the 'Act' were exposed to view by Editor, Dean, Examiner—Prof. E. B. Shuttleworth.

Let us have no such jug-handled contracts. Some of us want to support the CANADIAN DRUGGIST, others the Montreal

*Journal*, but, until the Council breaks up this contract, we are being compelled to take Shuttleworth.

I ask either the President or Vice-President to say if I am right about the terms of the *Journal* contract. In the meantime I can be guaranteed to remain

EXISTANT BACCILLI.

#### Reviews.

*The Scientific American*, published by the great patent agency firm of Munn & Co., New York, is the most practically useful publication of its kind in the country. Indeed, it occupies a field distinctively its own. Not alone for the machinist, manufacturer, or scientist, but it is a journal for popular perusal and study. It is the standard authority on scientific and mechanical subjects. It is placed at a very low rate of subscription, \$3 per annum, which places it within the reach of all.

The first original article by Count Tolstoi, that has ever been published in an American magazine, appears in the February issue of the *Cosmopolitan*, with a number of interesting photographic reproductions, one of them being a picture of Tolstoi guiding a plow in his Russian fields. Brander Matthews appears with his first article upon Some Latterday Humorists. Mr. Matthew's contributions constitute one of the most interesting features of the magazine. The third in the series of colored frontispieces is a delightful sketch by McVickar, illustrating a character in Mrs. Van Rensselaer Cruger's new story, "Mademoiselle Reseda." Ex-Postmaster General James presents an article upon the Welsh in the United States, liberally illustrated by portraits of prominent men who are of Welsh extraction. Women Clerks in New York, by the Marquise Clara Lanza. A charming article on the old Chateaux in Touraine by Miss Elsie DeWolfe; Prince Talleyrand and his Memoirs by H. de Bury. Amateur Portraiture in Photography, and A Remarkable Musical History by Wm. Pole, F. R. S., the well known Englishman, are other prominent features of the February issue. Price, 25 cents.

(*Cosmopolitan* Pub. Co., Madison Square, N. Y.)

*The Cosmopolitan* and CANADIAN DRUGGIST for 1 year for \$2.40.

#### Changes in Montreal.

Mr. J. R. Parkins, so well and favorably known as one of the best druggists in the city, and at present examiner in chemistry, severs his connection with Messrs. C. S. Covernton & Co., corner Dorchester and Bleury Sts., having bought out their branch, No. 469 St. Lawrence St., and will take possession May 1st. His many friends wish him every success in his new venture.

Mr. Avery R. Reed has purchased H. F. Jackson's Cote St. Antoine branch and takes possession shortly.

DETROIT, MICH. WINDSOR, ONT.

(Established in 1862.)

## THE SEELY

### MANUFACTURING - COMPANY

Has opened a Branch Office and Laboratory in WINDSOR, ONT., for the purpose of manufacturing a complete line of *Fine Perfumes* and *Toilet Articles* for the Canadian Trade.

As our Odors have been regarded, for several years, by the American trade, as the *Standard Perfumes*, we feel certain that it would further the interests of every Druggist in the Dominion to carry them in stock.

We not only manufacture a full line of Staple Odors, but also several *Specialties*, amongst which are:

CASTER LILY,

MARY ANDERSON,

HIGHLAND BELLS,

GOLDEN ROD,

WHITE HELIOTROPE,

LILAC FLOWERS,

MIN-NE-HA-HA.

Our Bulk Perfumes, *Knights Templar*, are put up in pound and half-pound packages, at \$4.00 per lb.

We carry a full assortment of *Small Bottled Goods*, ranging in size from 2 drs. to 4 ozs., put up neatly, and attractively boxed.

We should be pleased to receive a *Trial Order by Mail*, which shall have our prompt and careful attention.

TERMS.—60 days net, or 2 per cent. cash in 10 days.

Yours respectfully,

Seely Manufacturing Co.,  
WINDSOR, ONT.

\* This is a mistake, as the editor neither directly nor indirectly sought for the publication of the Council *Journal*, although a person of the same name, we believe, applied for something of the kind.

# HARVARD BRONCHIAL SYRUP

A Marvellous Remedy for all  
all forms of

Coughs, Colds, Bronchial Throat  
or Lung Troubles.

Its marvellous effects endorsed by hun-  
dreds of suffering humanity.

It emanates from the highest Medical  
source in America.

For Sale by all the Wholesale Trade.

For Sale by all Retail Dealers at

Large Size Bottles, - 25 cents  
Extra Large Size Bottles, 50 cents  
One-half the price of inferior remedies.

## A. J. LAWRENCE,

Sole Proprietor and Manufacturer  
for Canada,

MONTREAL, - QUEBEC.

### This Beats All.

\$1.00 FOR NOTHING.

Are you selling RUDY'S PILE SUP-  
POSITORIES? If so, write to me at once  
and some paying advertising matter will be  
sent to you FREE OF CHARGE. If you  
do not handle them and want to start in  
right now, write me at once, and send me  
the name of your jobbing house, and I will  
send to you in their care, FREE OF ALL  
CHARGES, two (2) boxes of RUDY'S PILE  
SUPPOSITORIES, which retail at 50 cents  
each, with FREE SAMPLES, a neat metal  
sign, etc.

MARTIN RUDY, Lancaster, Pa.

## DR. H. P. WILKINS' LIVER POWDERS

Promote Cheerfulness and Rest.

AN EXCELLENT REMEDY FOR

Sick Headache, Dyspepsia, Constipation,  
Sour Stomach, Neuralgia, Nausea,  
Vomiting, Loss of Sleep,  
Drowsiness, etc.

PRICE, 25 CENTS PER BOX.

Prepared by DR. H. P. WILKINS, Toronto.

Wholesale by ELLIOTT & CO., Toronto, Ont.

# - CIGARS. -

OUR LEADING LINES:

10c.

"LA MAYA,"

"LA FAMEUSE,"

"HAVANA PEARL,"

5c.

"FASCINATOR,"

"PERFECTION,"

"BABY PEARL,"

These lines always have, and are giving  
perfect satisfaction. No stock complete  
without them.

Prices, quality considered, below any  
factory in Canada. A \$35 Cigar for \$30.  
A \$75 Cigar for \$60.

We hope, by straight forward dealing,  
giving best value, to merit a continuance  
of our rapidly increasing patronage of the  
Drug Trade of Canada.

Please mention this paper when ordering.

## PAYNE BROS. & MACFARLANE,

GRANBY, QUE.

# AMERICAN OIL COMPANY

(Canadian Branch of Cleveland Petroleum Co.)

MANUFACTURERS OF ALL PRODUCTS OF PETROLEUM.

## =DENSOLINE=

SUPERIOR TO "VASELINE"  
(PURE PETROLEUM JELLY)

"Nature's Healing Ointment"

—MANUFACTURED ONLY BY—

CLEVELAND PETROLATUM CO., CLEVELAND, OHIO.

"GOLD SEAL" Densoline, for Chapped Hands and Rough Skin.

Densoline Cold Cream for the Complexion.

Densoline Pomade, Elegantly Perfumed.

Densoline Camphor Ice. Densoline Cosmetique.

Densoline Hair Oil.

Densoline Toilet Soap, made from Pure Petroleum Jelly, a  
perfect cure for all Skin Affections.

Densoline Annicated, Camphorated, Carbolated, etc., for  
Physicians' use.

Densoline Hoof Ointment, a perfect remedy for Hard and  
Cracked Feet and all Abrasions of the Skin.  
Put up in 1/2 lb., 1 lb. and 5 lb. cans.

Brown's Lustrous Harness Oil, the most perfect Leather  
Dressing in the market.

We also manufacture a full line of Lubricating Oils and  
Axle Grease.

DENSOLINE is the PUREST and MOST PERFECT Petroleum Jelly on the market, and,  
taken internally, will furnish instant relief and a speedy cure for Coughs,  
Colds, Hoarseness, Sore Throat, Catarrh and Asthma.

FOR SALE BY ALL DRUGGISTS.

Orders by mail or otherwise receive prompt attention. Order direct from us and  
save freight, duty and broker's charges.

AMERICAN OIL CO., 29 ADELAIDE ST. WEST, TORONTO, ONT.

## A New Worm Remedy!

# DAWSON'S CHOCOLATE CREAMS.

The most pleasant Worm Medicine ever offered to  
the public, being in the form of a  
Chocolate Cream.

Children Never Refuse Them.

These goods are sure to have large sales, not only on account  
of their being extensively advertised, but also that one sale is  
certain to make another.

SOLD BY ALL WHOLESALE DRUGGISTS AT \$1.75 PER DOZ.

## Wallace Dawson,

MANUFACTURING CHEMIST, - MONTREAL.

## FORMULÆ.

REMEDY FOR CHILBLAINS.—Professor Morrow is credited with this apparently excellent formula (*Pr. Am. Med. Assocn.*):

Take of

Carbolic acid	1 dr.
Tincture of iodine	2 fl. drms.
Acid tannic	1 dr.
Simple ointment	4 ozs.

Misce bene ut ft. ungt.

Sig. Apply two or three times a day.

## AROMATIC PASTILLES.

Aromatic Pastilles, for bad breath, made after the following formula, are recommended in the *Pharmaceutische Centralhalle*—

Take of

Roasted coffee	75 parts.
Wood charcoal	25 "
Boric acid	25 "
Sugar	60 "

Pulverize the ingredients separately, very finely, mix, and add sufficient vanilla to perfume to the taste. Finally, add sufficient gum arabic mucilage to make a mass. Divide into pastilles, lozenges, or little pills.

## COD LIVER OIL MIXTURE.

Oleum morrhue	4 ounces.
Pancreatini saccharati	1 drachm.
Polv. acacie	4 drachms.
Glycerini hypophosphitis	4 ounces.
Syr. calcis lactophosphitis	4 ounces.
Aque	4 ounces.
Oleum gaultherie	30 drops.

M. S. Tablespoonful 3 times a day.—*Courier of Medicine.*

ESMARCK'S PAINLESS CANCER POWDER, says the *Med. & Sur. Jour.* consists of:—

Arsenious acid	10 grs.
Muriate of morphia	10 "
Camel.	80 "
Powdered gum arabic	1 oz.

## TINCTURE OF GREEN SOAP WITH TAR.

Saponis olive Præp.	4 ounces.
Olei rosei	1 ounce.
Glycerine	1 ounce.
Olei rosmarini	3 drachms.
Alcoholis, q. s. ad.	8 ounces.

M. S. Rub in with a piece of flannel. The tincture of green soap with tar is admirably adapted for thickened patches of eczema and may also be tried in lichen planus, and ruber.

A GOOD SOAP for removing stains can be made, according to the *Pharm. Zeitung*, by rubbing together 30 parts each of borax and quillaia extract (made by exhausting the ground borax with boiling water and evaporating to syrupy consistence; 100 parts bark usually yield 20 parts extract) and adding 120 parts fresh ox-gall: this mixture is then incorporated with 450 parts melted soap and the mass poured into suitable containers.

THOR'S MOUTH WATER. —To be used as a mouth-wash or a gargle for bad breath:

Saccharin	1 part.
Sodium bicarbonate	1 part.
Salicylic acid	4 parts.
Alcohol, 95°	200 parts.

Mix and dissolve. A few drops in a

glass of water make a gargle or collutory which is to be used frequently.—*Nat. Druggist.*

EXTEMPORANEOUS SALICYLATE OF MERCURY—ITS USE AS AN ANTISEPTIC.—At the seance of December 20 of the Societe de Pharmacie de Paris, M. Vacher called attention to the great value of salicylate of mercury as an antiseptic in surgical dressings. The pure salicylate being very difficult of solution in water, M. Vacher produces the substance by a double composition as follows:

Bichloride of mercury	1 part.
Salicylate of sodium	2 parts.
Water	1000 parts.

Mix.

This solution may be used internally to the amount of 4 to 5 drams (15 to 20 grams) daily, and has been found very efficacious in treating syphilis, etc.

CANTHARIDINE COLLODION.—The *Helfenburger Annalen* for 1890 gives the following improved formula for a blistering collodion in which cantharidin is the vesicating agent:

Cantharidin	1 part.
Castor oil	40 parts.
Aceton	40 parts.
Tincture of cannabis indica	10 parts.
Collodion	100 parts.

The cantharidin, finely pulverized, is rubbed up with the castor oil and dissolved therein by the aid of heat. After cooling add the acetone and collodion, and finally the tincture of cannabis.

## A CONCENTRATED SYRUP OF ORANGE.

M. V. J. Pequart (*L'Union Pharmaceutique*) recommends the preparation of a concentrated and very fragrant syrup of bitter orange peel by the following method. Take of

Fresh rind of bitter oranges in thin ribbons and crushed	50 parts.
Strong alcohol	50 "
Water	200 "

Macerate for eight days with occasional shaking; then distil off 62½ parts and reserve the distillate; strain, press, and filter the residue of distillation, evaporate it to 12½ parts, and mix it while warm with 25 parts of simple syrup; to this mixture add the distillate, which will make the whole up to 100 fluid parts. Seven and a half parts of this liquid added to 92½ parts of simple syrup gives a syrup of the same orange strength, but more elegant and fragrant, than that of the Codex. It cannot be said that our official syrup of orange of the British Pharmacopœia is either elegant or fragrant. If some of our readers were to try the above with the peel of the sweet orange, so plentiful at this season, they would be surprised at the elegance and pleasant taste of the preparation. No doubt the fresh peel of the sweet orange might be usefully employed as a flavoring agent for medicines, and, if carefully manipulated as above, would probably give a far more elegant article than the Syrup aurant. B. P.

## NEW PERFUMES.

EXTRACT MUSK.—Tincture musk, 350

grams; rose spirit, 125 grams; tincture civet, 25 grams.

EXTRACT WOOD VIOLET.—Extract violet, 250 grams; cassia, orris and musk tinctures, each 45 grams.

ORANGE FLOWER EXTRACT.—Orange flower essence, 350 grams; tincture of musk and cassia extract, each 50 grams.

EXTRACT MIGNONETTE.—Rose extract, cassia extract, and tincture of musk, of each 125 grams; violet extract, 50 grams; extract of jasmine, 50 grams.

EXTRACT VIOLET.—Violet essence, half a liter; rose and cinnamon extracts, each 125 grams; jasmine essence, and tincture of musk, each 60 grams; tinctures of orris and benzoin, each 30 grams.

NEW MOWN HAY.—Extract tonka bean and alcohol, of each 125 grams; rose spirit, rose extract, jasmine extract, of each 60 grams; oil neroli, 10 drops; oil rose geranium, 60 drops.

## Note on Mistura Olei Ricini.

BY M. CONROY.

In the "Additions" to the British Pharmacopœia of 1885, recently published, the following formula is given for this article:

Castor oil	6 fl. drms or 180 fl. parts.
Oil of lemon	10 minims " 5 "
Oil of cloves	2 " " 1 "
Syrup	1½ fl. drms " 45 "
Solution potash	1 " " 30 "
Orange-flower water	sufficient to produce 2 fl. oz. or 480 parts.

Mix the oils in a mortar, then incorporate one third of the solution of potash, and afterwards the syrup, then an additional third of the solution of potash, then, gradually, half of the orange flower water, the remainder of the solution of potash, and, lastly, sufficient orange-flower water to produce the required volume.

By carefully and closely following these directions I have failed to produce a satisfactory or even a slightly emulsion. Having regard to the care and time taken by the able committees in the production of this small work, I have hitherto hesitated to make known my failure, fearing perhaps that the fault was mine. But having now made several attempts with carefully-standardized solution of potash, and with different lots of castor oil of undoubted purity, and having had the experiment tried by others well up in this kind of work with the same unsatisfactory result, it is only right to call attention to the matter, in the hope of hearing the experience of others.

It is, however, satisfactory to find that by slightly altering the directions, and without altering the formula, a very good emulsion can be made as follows:—Mix the oils in a mortar and incorporate the syrup. Mix the solution of potash with the whole of the orange-flower water (7 drachms and 18 minims), and add it gradually to the oils and syrup in the mortar, rubbing gently to form an emulsion.

In this way a thin, milky emulsion is readily produced, which assumes a thicker and more creamy appearance on keeping. It should be freshly prepared when required.—*Chemist and Druggist.*

Price List of Lambert's Physician's Specialties :

# LISTERINE.

ANTISEPTIC, PROPHYLACTIC, DEODORANT.

One Bottle (14 oz.) Retail. - \$1.25

# LAMBERT'S LITHIATED HYDRANGEA.

KIDNEY ALTERNATIVE—ANTI-LITHIC.

One Bottle (8 oz.) Retail. - \$1.25

The Retail Drug Trade promptly supplied at \$10.50 per dozen NET, by any Wholesale Druggist of Canada, or from our Canadian Depot at Toronto, by W. LLOYD WOOD, Agent.

**SUBSTITUTION.**—In view of numerous letters which we have received from Canadian Physicians, complaining of the "substitution of articles of uncertain commercial value where LISTERINE was prescribed," we consider it necessary to hereby

### REMINDE CANADIAN DRUGGISTS

that the word LISTERINE is justly and legally ours, that it is properly identified as such by registration in Canada, the United States and Great Britain. By a system of investigation we shall endeavor to secure for the Physician's prescription, the identical article prescribed, and to this end we are all ready assured the hearty co-operation of many Physicians and leading Druggists of Canada, who universally decry this pernicious practice—**SUBSTITUTION.**

Yours respectfully,

**Lambert Pharmacal Co.,**  
**ST. LOUIS.**

## 4 POINTS IN FAVOR OF

# Miller's Emulsion of Cod Liver Oil

IT LEADS THEM ALL.

We have, after repeated experiments, succeeded in perfecting the most complete and palatable Emulsion of Cod Liver Oil ever produced, containing fifty per cent. of pure Norwegian Cod Liver Oil, combined with the P. E. dose of Hypophosphites of Lime and Soda. What we claim for this Emulsion is :

- 1st. That it is miscible with water, thereby rendering it of easy and pleasant administration to young children.
- 2nd. That it contains fifty per cent. pure Norwegian Cod Liver Oil in a perfectly disguised form.
- 3rd. Will not decompose, separate or become rancid in any climate or at any age, owing to our having perfected an Emulsion by the use of Carrageen, in place of the usual Gums of Acacia or Tragacanth.
- 4th. That it can be administered to the most delicate invalids and young children (when Cod Liver Oil is required) with the utmost assurance that the patient will not experience the unpleasant, fishy and oily taste of Pure Cod Liver Oil.

16 OZ. \$6.00 PER DOZ. ; 8 OZ. \$3.00 PER DOZ.

PREPARED BY

**THE MILLER EMULSION COMPANY,**

New York and Kingston, Ont

Wholesale by Lyman, Sons & Co., Montreal,  
Lyman, Knox & Co., Toronto.



NO MORE ROUND  
SHOULDERS

KNICKERBOCKER  
**Shoulder-Brace**

—AND—

SUSPENDER COMBINED.

Expands the Chest, promotes Respiration, prevents Round Shoulders. A perfect Skirt-Supporter for Ladies. No harness—simple—unlike all others: All sizes for Men, Women, Boys and Girls.

**Cheapest and Only Reliable Shoulder-Brace.**

The importance of a Shoulder-Brace in holding the body erect, expanding the Chest, preventing Round Shoulders and Hollow Chest, is well understood. Good health depends upon it. Many attempts have been made to present a suitable article for this purpose, all of which, however, were objectionable in some respects, which prevented their coming into general use. In the Knickerbocker Brace all objections have been overcome. It is a **Combined Shoulder-Brace and Suspender.** It provides new and improved suspenders for men's pants, and supporters for Ladies' underskirts, which do the double duty of holding up and bracing up.

Sold by Druggists. Send chest-measure around the body. Address,

**Knickerbocker Brace Company,**

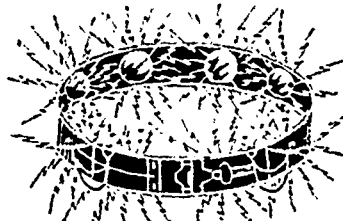
EASTON, PA., U.S.A. N. A. JOHNSON, Prop.

For sale by Lyman Bros. & Co., of TORONTO, and other Wholesale Druggists.



## THE DORENWEND

# Electric Belt and Attachments



FOR THE SELF-APPLICATION OF  
ELECTRICITY.

C. H. Dorenwend, of Toronto, has invented a system of Electrical Appliances whereby home treatment gives all the benefits to be obtained from costly and complicated Medical Batteries.

All Diseases Curable by ELECTRICITY can be treated by the Dorenwend Inventions.

Rheumatism, Neuralgia, Sciatica, Gout, Lumbago, Indigestion, Liver and Kidney Disorders, Weak Circulation, Spinal Diseases, Paralysis, Female Complaints, Impotence, Nervous Debility, Sexual Decline, and all forms of Nervous Diseases.

The Dorenwend Appliances are endorsed by Physicians and will stand the scrutiny of any expert.

Druggists everywhere take orders for them, and all say they sell well and give the best of satisfaction.

The Dorenwend are the only legitimate Electro-Medical Body Appliances made and contain all the advantages of most recent discoveries.

THE DORENWEND ELECTRIC FOOT BATTERY FOR GOLF FEET, RHEUMATISM, &c.

Every Druggist should get particulars, and look on Home Electro Medical Treatment.

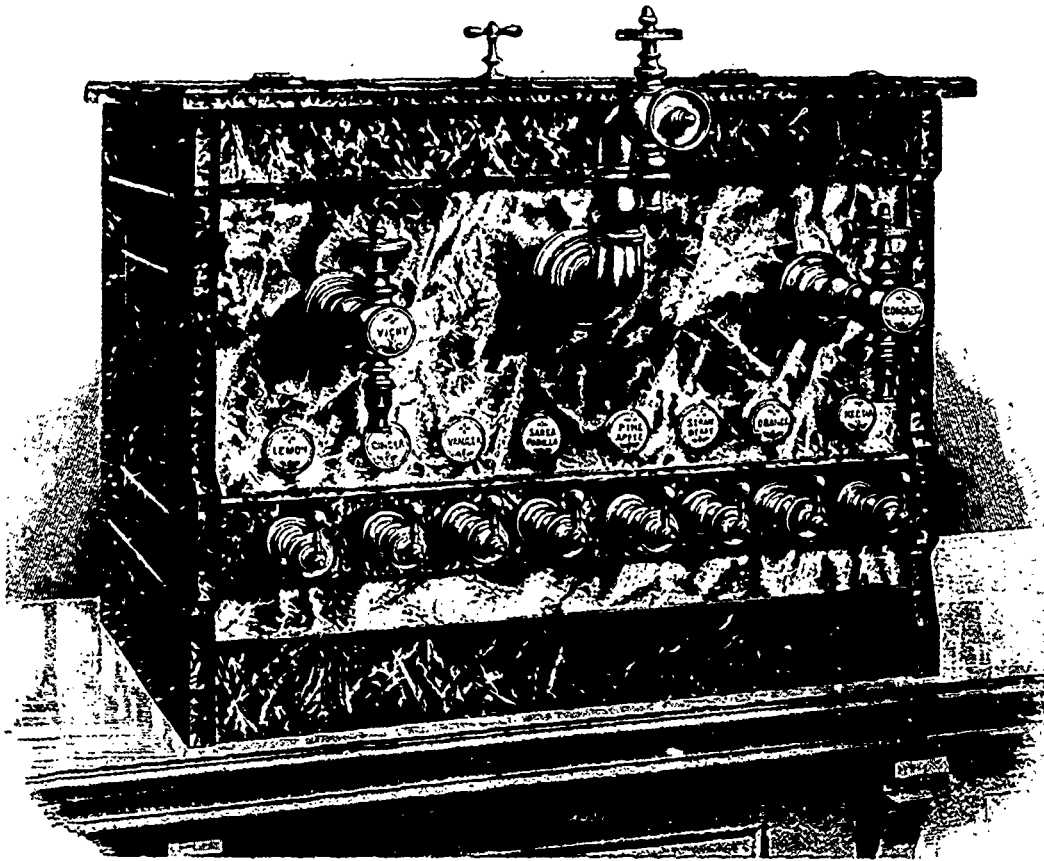
**THE DORENWEND ELECTRIC BELT & ATTACHMENT CO.**

C. H. DORENWEND, Electrician and Manager.

103 Yonge St., TORONTO, CAN.

# Green's Improved SODA ✦ WATER ✦ APPARATUS.

Low Prices. - Easy Terms of Payment.



**A** COMPARISON of the principles of construction and prices of our Apparatus with those of other makes, will convince anyone that ours are not only the **LOWEST IN PRICE**, but also contain the **MOST IMPROVEMENTS** of any on the market

When you wish to purchase an Apparatus, or exchange your present one, we shall be pleased to open correspondence with you on the subject, and send our

**New Illustrated Catalogue Free.**

**SECOND HAND APPARATUS**, of all makes, in thorough repair, at **VERY LOW PRICES**. - Send for List.

**ROBERT M. GREEN CO.,**

1413, 1415 and 1417 Vine Street,

PHILADELPHIA, PA.

# REVOLUTION.

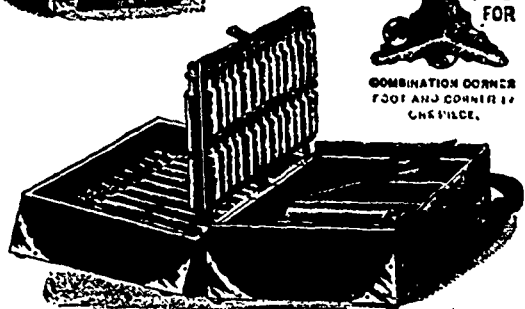
No more destruction of leather loops or spilling of remedies.



METAL SPRINGS.  
Pat. July 31, 1890.



PAT. APD FOR  
COMBINATION CORNER  
FOOT AND CORNER.  
CHICAGO.



Springs used instead of loops, with stops or supports at head of the corks.

## No. 1890 BUGGY CASE—OPEN.

Much time and annoyance saved in taking out and replacing the bottles, and the durability of cases TEN TIMES that of the old way of constructing, by the use of these Patent Springs and the Combination Corner and Foot.

No. 1890 Medicine Case contains 5 two ounce bottles, 26 three drachm vials, and 26 one ounce vials. Space for powder papers, loops for instruments, etc. Dimensions, 12 inches long, 7 1/2 inches high, and 5 1/2 inches wide. Case made of black grained leather, leather lined, and mounted with nickel combination corners, nickel spring lock with key, and nickel name plate. Price, \$14 00. Send for full descriptive circular.

## Western Leather Mfg. Co.,

SOLE MANUFACTURERS,  
151 and 153 Fifth Avenue, CHICAGO.

Established 1881.

Incorporated 1891.

PUREST AND SWEETEST

# Argoline + Petrolatum Petroleum Jelly.

Sold in Barrels, Half-barrels, 1 lb, 5 lb, 10 lb, 25 lb. & 50 lb. Tins.  
Also in full 2 oz. Vials at \$5.25 per gross.

We will Print your Name and Address on Label when desired, free of Cost.

A full size sample by mail on application.

SPECIAL QUOTATIONS FOR QUANTITIES.

Argoline Pomade.

Argoline Camphor Ice.

Argoline Cold Cream.

Argoline Camphorated.

Argoline Carbolated.

Our goods are clarified by U. S. process of filtering through bone charcoal, and *not* by the German process of *bleaching* with acids.

ARGOLINE MANUFACTURING COMPANY,  
HOMESTEAD, PA.

## To Druggists:

Dr. Child's Pile Ointment is an infallible remedy, vastly superior to any and every other preparation in the world. It is not only a sovereign specific for Piles, but also for Chaps, Chafings, Pruritus, Fissures, Salt Rheum, all Hot and Itching Sores and Eruptions, and all cases requiring an Astringent, Soothing and Healing application. 2,000 Cures. No failures.

Messrs. D. S. Curtis & Co., New Westminster, B. C., write:—"Please ship us eight dozen Dr. Child's Pile Ointment. The demand for it is constantly increasing, so that we feel warranted in doubling previous orders. It is a remedy that we can conscientiously recommend. Physicians here prescribe it with satisfaction to themselves and their patients." In a previous communication they said: "We take pleasure in pushing this Ointment, having had positive evidence of its merits."

Messrs. Langley & Co., wholesale, Victoria, B. C., April 1889, wrote: "Dr. Child's Pile Ointment gives satisfaction wherever used." And again, April, 1890, they say: "We have remarkably good reports from those who have used the Ointment, and always recommend it, believing it to be all you claim for it."

Mr. J. J. Carment, Prov. Constable, Kamloops, was cured over a year ago and certifies as follows: "I have suffered terribly from PILES and PILES AND ANI, and despaired of ever being cured, but Dr. Child's Pile Ointment has perfectly relieved me, and I take pleasure in recommending it. I also have knowledge of a bad case of Eczema cured by this ointment."

Mr. J. Campbell, merchant, North Westminster, certifies to the cure of three persons.

Mr. J. B. Tiffin, Manager Port Moody Saw Mills, certifies to the cure of two persons.

The boxes are small, but the cures are big. Some of our customers buy it in quantity for stable use, as it cures Scratches, Harness Sores, etc., in horses, better than anything else. It can be recommended with confidence, and it is offered at a price which make it worth your while to stock and push it.

If your Wholesaler does not keep it, we will send one dozen postpaid on receipt of \$5 00, as a "starter." Retail price, \$1.00.

## CLARKE & CO.,

Wholesale and Retail Druggists, . . . KAMLOOPS, -BRIT. COL.

Advise your Customers to



Creme de la Creme,  
Canvas Back,  
Rose Celeste,  
and El Caza

## CIGARS,

MANUFACTURED BY

J. M. FORTIER,

MONTREAL.

## BUSINESS NOTICES.

As the design of the CANADIAN DRUGGIST is to benefit mutually all interested in the business, we would request all parties ordering goods or making purchases of any description from houses advertising with us to mention in their letter that such advertisement was noticed in the CANADIAN DRUGGIST.

We would call the attention of the trade to the full-page advt. of the Owen Electric Belt and Appliance Co. A special discount is offered to the trade.

Read the half-page advt. of Dean, Foster Co. who offer glassware, etc., at remarkably low figures. The well-known reliability of this house should secure a large share of Canadian trade.

Gibbons' Tooth-Ache Gum advertised elsewhere in this issue, although but a short time on the market, has become a leading line in this class of remedies. It may be had of all wholesale druggists.

St. Jacob's Oil, the old favorite, comes to the front again in new premises in Toronto. The Canadian branch is now under the management of Mr. E. A. Wilson, who is determined to still further increase the output of this deservedly highly esteemed preparation.

The Wm. Radam Microbe Killer Co., whose Canadian agency is at 120 King-st. West, Toronto, report very extensive sales throughout Canada. The futile efforts of some trade journals to discountenance this remedy have only brought it into still greater prominence. Druggists wishing the agency should write to the above address.

Adams' Bo-Kay Gum is the latest thing in chewing gums. It is put up in a very artistic box, and is delightfully flavored with cachou. It yields a good profit and is a splendid seller. Their new flavors in Tutti Frutti, viz.: blood orange, banana, and cachou, are sure to have a big run. The name of Adams & Sons on any goods is a guarantee that the goods are the best.

Among the new advertisements this month is that of the Robert M. Green Co. of Philadelphia. This firm manufactures the soda water apparatus bearing the name of "Green," which carries with it among numerous friends and acquaintances the reputation of square dealing and courteous treatment. Their goods are very popular among our neighbors on the other side of the border, and prospective purchasers should send for a copy of their illustrated catalogue and make the comparison requested on page 28.

A reputation for truthfulness is indispensable to permanent, satisfying success.

The annual aggregate number of letters transmitted through the postoffices of the world may be estimated at 8,000,000,000, and of newspapers 5,000,000,000.

A concern has been floated in Rio de Janeiro called, the "Nacional Distillacao e Perfumarias" company with a capital of \$700,000, for the preparation of perfumes, vinegar, soda waters, writing-ink, &c.

## Window Dressing.

In considering the subject of window dressing, the merchant or the clerk who has this particular branch of the business in charge, should bear in mind what he hopes to accomplish by it. Says an authority on this subject:

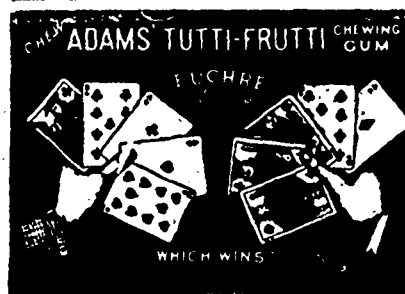
"He aims to set forth a fair sample of the goods to be found within. They must be so displayed as to prove an attraction to the people on the street, most of whom are intent upon going somewhere else than to his store. Their attention must be diverted from their original purpose sufficiently to excite in them the desire of possession. To do this the goods displayed must be of such a character as will appeal with force to the purchaser at the time he is looking at them. In a word, the window must be dressed with seasonable goods.

"Seasonableness is not the only requisite to window dressing. It is quite unnecessary to go to much trouble to decorate a window with common goods which are so well known that they will attract no attention from the passer-by. His attention must be secured first by some feature with which he is unfamiliar. Second, his attention having been attracted, his curiosity must be gratified, and he must not be allowed to go away disappointed.

"That it pays to award particular at-

tention to window dressing seems to be the opinion of every merchant who has systematically tried it. When one goes by a store in which the windows are filled with shop-worn goods which have been seen there since Adam was a child, to speak figuratively, and in which the glass is dirty and lined with cobwebs, a feeling of disgust is hard to repress. It is difficult to see how people of refined taste can continue to trade in such a place. We believe if such a Rip Van Winkle store-keeper should awake, wash off his windows and make a good display, his trade would increase at once.

"Those who have tried the efficacy of window dressing as a means of drawing trade are enthusiastic in its praise. We consider the storekeeper's window his cheapest advertisement. In a newspaper he can but describe his goods and give his reasons why they are bargains. In his window he can display the goods themselves with or without prices as he deems best. Is not the dealer's window his sign of cleanliness, thrift, taste and enterprise? Is he not rated in the public estimation according to his indicator? And what is his indicator? To the public gaze what can it be but his window? The window stands there gazing out on the particular spot wherever located. It stands there, no matter where its owner may be, continually enticing the public to the spot."  
—*Newsman.*

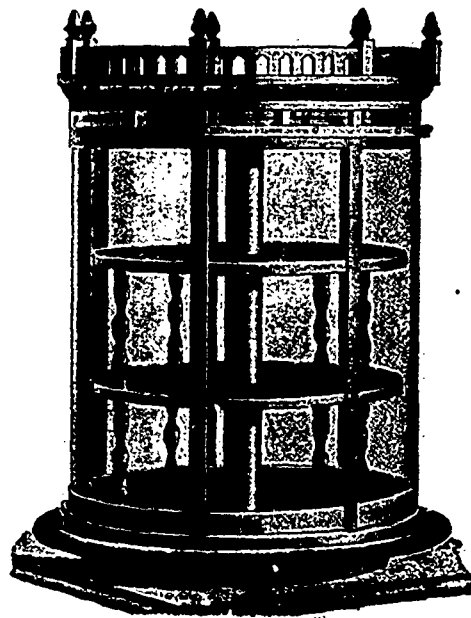


## ADAMS & SONS TUTTI-FRUTTI CHEWING GUM.

It is the fastest 5 cent selling article the Drug Trade handles to-day.

SEND TO ADAMS & SONS, 23 CHURCH-ST., TORONTO, ONT.  
For beautiful advertising matter.

## Goddard's Revolving Book and Show Case.



Patented May 14, 1889, and other Patents applied for.

It is round, 42 inches high, 31 inches in diameter. The bent glass are double strength French, 12x28 inches. The inside revolves by the ring at bottom upon anti-friction, cone-shaped rollers.

It turns as easily when filled as empty, no oil required. The frame holding the glass is stationary.

ELEGANTLY FINISHED IN  
Antique Oak Veneering.

Price \$28.00.

For Physicians, Dentists, Oculists, Confectioners, Jewelers, Filing Case, &c., they are arranged to suit.

SEND FOR CIRCULAR.

CURTIS GODDARD, ALLIANCE, OHIO.



**A GREAT Scientific Revelation.**

The microbes or germinal cause of all disease can now be effectively destroyed and removed from the system.

**Cases of Consumption, Scrofula, Catarrh, Rheumatism, Syphilis, Eczema, Bright's Disease, Stomach Troubles, Tumors, Etc.,**

Cured by the thousands during the past four years.

This remedy has proven a very successful as well as a remunerative line to handle by "Retail Druggists."

While the sale may be slow the first two months, owing to the greater price charged for it, yet in time it actually becomes a "leader" because of its merits.

Druggists all over the United States and in England are finding it a splendid medicine to handle, one of which no complaints are made against by the purchaser.

It really draws trade to one who handles it, especially where we give exclusive agencies for it.

It is a remedy which can be guaranteed by the "seller" to do all we claim for it.

**We want an exclusive Agent in every town in Canada.**

Write for Pamphlets and Prices.

**Wm. Radam Microbe Killer Co.,**  
(LIMITED)

LABORATORY } 120 King St. West,  
AND OFFICE } TORONTO, ONT.

Sole Manufacturers for the Dominion.

C. W. EMAN, General Manager.



For Sale Wholesale by

**Toronto :**

NORTHROP & LYMAN, LYMAN BROS.,  
T. MILBURN & Co., ELLIOTT & Co.,  
F. F. DALLEY & Co., EVANS & SONS, LTD.

**Hamilton :**

J. WINER & Co., ARCHDALE WILSON & Co.,  
F. F. Dalley & Co., G. O. BRIGGS & Sons.

**London :**

LONDON DRUG Co., C. MCCALLUM,  
JAS. KENNEDY & Co.

**British Columbia :**  
LANGLEY & COMPANY.

**Montreal :**

EVANS & SONS, LTD.

**THE SUCCESSFUL REMEDY**

—FOR—

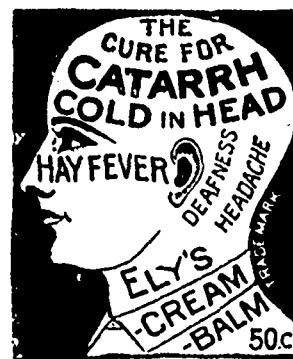
**NASAL CATARRH**

Must be Non-Irritating

Easy of application, and one that will, by its own action, reach all the remote sores and ulcerated surfaces. The efforts to treat Catarrh during the past few years demonstrate that only one remedy has met these conditions and that is

**ELY'S CREAM BALM.**

This safe and pleasant remedy



**Has Mastered Catarrh** As nothing else has ever done, and both physicians and patients freely concede this fact. The more distressing symptoms quickly yield to it, and a multitude of persons who have for years borne all the worry and pain that Catarrh can inflict, testify to radical and permanent cures wrought by it.

ELY'S CREAM BALM is soothing, excites no dread, dissolves the hardened accumulations, lessens the extreme sensibility of the membrane to cold and all external irritants, and is followed by no reaction whatever.

A cold in the head is an inflammation of the lining membrane of the nasal passages, which, when unchecked, is certain to produce a Catarrhal condition—for Catarrh is essentially a "cold" which nature is no longer able to resolve or throw off.

ELY'S CREAM BALM is not a liquid, snuff or powder. Applied into the nostrils it is quickly absorbed. It cleanses the head, allays inflammation, heals the sores, restores the senses of taste and smell. Sold by druggists, or sent on receipt of **Price, 50c.**

**ELY BROS.,**

56 WARREN STREET, - : - NEW YORK.

**The Northern Pine**

**REMEDY**

IS A QUICK RELIEF AND RELIABLE CURE FOR

**ASTHMA, HAY FEVER**

—AND—

**CATARRH.**

It prevents and relieves more suffering than all other Asthma preparations. Testimonials free.

Trial Package, 10c. Box, \$1. 6 Boxes, \$5.

**The Northern Pine Strengthening Plasters**

WORN ON THE CHEST,

Are a great preventative from taking Cold, and never fail to Relieve and Cure Lame Side, Back or Stomach, and will prevent Rheumatism and a doctor's bill if used in time.

Price, 20c. or SIX for \$1.00.

All are invited to send for Testimonials.

Sold by Druggists generally or by mail direct from

**JAMES L. LEAVITT,**

Attleboro, Mass., U. S.

Marvellous!



Wonderful!

**"ALUMINUM"**

**Druggists' Mortar Watch Charm**

The finest work ever executed in this metal.  
WARRANTED 98% FINE. MADE SOLID (NOT HOLLOW)

Five times stronger than gold.  
One quarter the weight of silver.

Will not tarnish or corrode.  
Sent on receipt of price, \$1.02 each.  
Money refunded if not as represented.

**Duryea Jewelry Co.,**

180 Broadway, N. Y. City.

**YOUR STOCK IS INCOMPLETE WITHOUT**

- Blovan's Electric Hair Restorer, (retails at 50c.)
- Case's Sarsaparilla Bitters, (retails at 50c. & \$1.00.)
- " Syc. Tamarac Gum, (retails at 25c. & 50c.)
- " Corn Cure; (retails at 25c.)
- " Rosaderma, (retails at 25c.)

TERMS, 5% OFF 30 DAYS OR 1 MONTHS.

MANUFACTURED BY

**H. SPENCER CASE,**  
HAMILTON, ONT.

Order direct, or through Messrs. J. WINER & CO., or A. WILSON & CO.



### Drug Review.

Business during the past month has been quiet, as is usual after the Holidays. Holiday trade is reported as having been better than was expected. As a number of druggists accustomed to handle plush and such like fancy goods, did not go in for them but depended on what might be called a good line of staple drug sundries and perfumery, the result was very satisfactory as there are no fancy goods to carry over until next season.

Glycerine is a little easier.

Quinine is dull: no change to note.

Cream Tartar Crystals have advanced and higher prices looked for.

Sassafras Bark scarce, and quality poor.

Citric Acid is firm and unless a fall occurs in Lemon Juice an advance must take place.

Tartaric Acid is firm.

Oxalic Acid is easier.

Gum Shellac stiff in price.

Morphia a little easier.

Oil Orange Amara is hard to get, consequently price is higher.

Oil Lemon, firm at advance.

Opium, no change to note.

Potass. Todide is being offered at a slight advance on present cost of laying it down for some reason unknown to the trade.

Sulphonal and Phenacetin are lower.

Insect Powder is lower, as we predicted, and from all accounts it is safe to buy at present prices.

Castor Oil, no prospect at present for lower prices.

Paris Green, prices this year will probably be a little lower, but early yet to tell correctly.

### Objections to Hollow Suppositories.

JOHN W. GOODWYN, MACON, GA.

Am: there any objections to the indiscriminate use of hollow suppositories?

In answer, I would say there are. The introduction of the suppository led, of course, to many suggestions as to the best method of preparing them; each contributing what they thought would simplify and facilitate the process. Among others was one directing the excipient to be formed into the required shape, and then make an excavation from the base upwards into which the medicine may be inserted and enclosed with a piece of the cocoa butter. This was the first hollow suppository, and was rejected by the best authorities, for the reason that applies to all hollow suppositories, and their use would never have obtained, but that they are labor-saving, and at the same time enables inexperienced druggists to dispense them in good form as to appearances, without regard to efficiency.

The object of the excipient in this form of medication is to equably diffuse the medicine, presenting it in the minutest

particles for action upon the mucous membrane, and at the same time prevent irritation, which would otherwise occur in many cases. The object is fully accomplished only in the suppository made properly, either by hand or in moulds, as directed by the Pharmacopœia, as it fulfils all the conditions required, the medicine being brought immediately into action, even in the act of inserting it, but is almost entirely defeated by the use of hollow suppositories with the medicine diffused first with cocoa butter and then inserted into the hollow case, for the reason that this hollow case must first melt away, engorging the membrane with cocoa butter to the exclusion of all else, before the medicated portion that has been inserted can be presented for action, and even then it can only act after first permeating a cushion of grease that has not been absorbed.

In a long experience, I know of no method of medication that has been so satisfactory when prepared as directed by the Pharmacopœia, and but for the use of the hollow suppository their use would have been largely increased. In justice, then, to the physician, in justice to the patient, I would say, discard the hollow case as a failure, and honestly dispense the suppository as the Pharmacopœia directs.—*Condensed from Paper read before Georgia Pharmaceutical Association*

### Brevities.

A lady in Paris is introducing a new fashion in regard to furniture. She is having all her chairs, sofas, and even her carriages, stuffed with aromatic herbs, which fill the air with an agreeable, but not too powerful perfume. The fashion is derived from the eastern nations and prevails extensively over a considerable part of Asia.

Men are frequently like tea, the real strength and goodness are not properly drawn out until they have been in hot water.

"Have you tried the new Essence d'Orleans?" said the beau George. "Yes," was the answer, "and very delightful it is; but there is another essence which I should greatly prefer." "Ah! Anything new?" "Why, the aquiescence of Lady J. to whom I am about to say, 'Will you have me?'"

What is that which is neither flesh nor bone and yet has four fingers and a thumb? A glove.

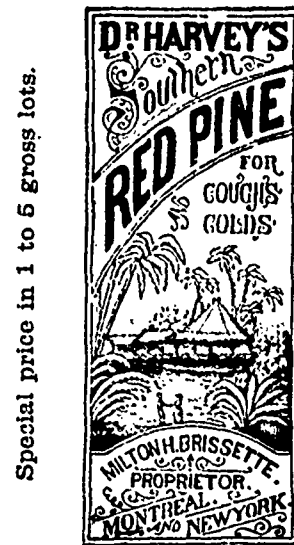
*Buffalo Express*:—An Arab who has lost his teeth probably speaks only gum Arabic.

"In what class of scents does the odor of sanctity belong, doctor?"

"Innocence," returned the D. D. blandly.

The cruellest vivisection.—Cutting your friends. The most painful.—Cutting your fingers.

Restore goods to their proper places as soon after using as possible.



Special price in 1 to 5 gross lots.

M. H. BRISSETTE, St. Paul St., Montreal.

## HUMPHREY'S

SPECIFICS. VETERINARY SPECIFICS.

SPECIAL PRESCRIPTIONS.

WITCH HAZEL OIL.

MARVEL OF HEALING.

Stocked by all wholesale druggists in Canada and delivered

DUTY FREE.

Write for catalogue, photographs of counter show cases, terms and inducements.

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ALCOHOL, gal..... \$3 68 \$3 85 Methyl, gal..... 1 90 2 00 ALLSPICE, lb..... 13 15 Powdered, lb..... 15 17 ALOIN, oz..... 40 45 ANODYNE, Hoffman's bot., lbs... 50 55 ARROWROOT, Bermuda, lb..... 45 50 St. Vincent, lb..... 15 18 BALSAM, Fir, lb..... 45 50 Copaiba, lb..... 75 1 00 Peru, lb..... 2 50 2 75 Tolu, can or less, lb..... 75 80 BARK, Barberry, lb..... 22 25 Bayberry, lb..... 15 18 Buckthorn, lb..... 15 17 Canella, lb..... 15 17 Cascara Sagrada..... 30 35 Cascarella, select, lb..... 18 20 Cassia, in mats, lb..... 18 20 Cinchona, red, lb..... 60 65 Powdered, lb..... 65 70 Yellow, lb..... 35 40 Pale, lb..... 40 45 Elm, selected, lb..... 16 18 Ground, lb..... 17 20 Powdered, lb..... 20 28 Hemlock, crushed, lb..... 18 20 Oak, white, crushed, lb..... 15 17 Orange peel, bitter, lb..... 15 16 Prickly ash, lb..... 35 40 Sassafras, lb..... 13 15 Soap (quillaya), lb..... 13 15 Wild cherry, lb..... 13 15 BEANS, Cahabar, lb..... 45 50 Tonka, lb..... 1 50 2 75 Vanilla, lb..... 6 00 9 00 BERRIES, Cubeb, sifted, lb..... 2 50 2 60 powdered, lb..... 2 60 2 70 Juniper, lb..... 10 12 Ground, lb..... 12 14 Prickly ash, lb..... 40 45 Buds, Balm of Gilead, lb..... 55 60 Cassia, lb..... 25 30 BUTTER, Cacao, lb..... 75 80 CAMPHOR, lb..... 65 85 CANTHARIDES, Russian, lb..... 2 60 2 10 Powdered, lb..... 2 10 2 20 CAPSICUM, lb..... 25 30 Powdered, lb..... 30 35 CARBON, Bisulphide, lb..... 16 18 CARMINE, No. 40, oz..... 40 50	CASTOR, Fibre, lb..... 7 50 8 00 CHALK, French, powdered, lb... 10 12 Precip., see Calcium, lb..... 10 12 Prepared, lb..... 5 6 CHARCOAL, Animal, powd., lb... 4 5 Willow, powdered, lb..... 20 25 CLOVE, lb..... 25 30 Powdered, lb..... 30 35 COCHINEAL, Honduras, lb..... 40 45 COLLOIDION, lb..... 75 80 Cautaridal, lb..... 2 50 2 75 CONFECTION, Senna, lb..... 25 30 Creosote, Wood, lb..... 2 00 2 50 CUTLEFISH BONE, lb..... 35 40 DEXTRINE, lb..... 10 12 DOVER'S POWDER, lb..... 1 50 1 60 ERGOT, Spanish, lb..... 75 80 Powdered, lb..... 90 1 00 ERGOTIN, Keith's, oz..... 2 00 2 10 EXTRACT, Logwood, bulk, lb... 13 14 Pounds, lb..... 14 17 FLOWERS, Arnica, lb..... 15 20 Calendula, lb..... 55 60 Chamomile, Roman, lb..... 30 35 German, lb..... 30 35 Elder, lb..... 20 22 Lavender, lb..... 12 15 Rose, red, French, lb..... 1 60 2 00 Rosemary, lb..... 25 30 Saffron, American, lb..... 35 40 Spanish, Val'a, oz..... 1 00 1 25 GELATINE, Cooper's lb..... 1 20 1 25 French, white, lb..... 40 50 GLYCERINE, lb..... 18 20 GUARANA..... 3 00 3 25 Powdered, lb..... 3 25 3 50 GUM ALGAE, Cape, lb..... 18 20 Barbadoes, lb..... 30 50 Socotrine, lb..... 65 70 Assafetida, lb..... 23 25 Arabic, 1st, lb..... 1 00 1 10 Powdered, lb..... 1 10 1 20 Sifted sorts, lb..... 75 80 Sorts, lb..... 60 75 Benzoin, lb..... 50 1 00 Catechu, Black, lb..... 9 20 Gamboge, powdered, lb..... 1 30 1 35 Guaiac, lb..... 80 1 00 Powdered, lb..... 90 1 20 Kino, true, lb..... 45 48 Myrrh, lb..... 45 48 Powdered, lb..... 55 60 Opium, lb..... 4 50 4 75 Powdered, lb..... 6 00 7 00 Scammony, pure Resin, lb..... 12 80 13 00 Shellac, lb..... 35 40	Bleached, lb..... 45 50 Spruce, true, lb..... 30 35 Tragacanth, Gake, 1st, lb..... 1 00 1 10 Powdered, lb..... 1 10 1 15 Sorts, lb..... 25 75 Thus, lb..... 8 10 HERN, Althea, lb..... 27 30 Bitterwort, lb..... 27 30 Burdock, lb..... 16 18 Boneset, ozs, lb..... 15 17 Catnip, ozs, lb..... 17 20 Chiretta, lb..... 25 30 Coltsfoot, lb..... 20 38 Feverfew, ozs, lb..... 53 55 Grindelia robusta, lb..... 45 50 Hoarhound, ozs, lb..... 17 20 Jaborandi, lb..... 45 50 Lemon Balm, lb..... 38 40 Liverwort, German, lb..... 38 40 Lobelia, ozs., lb..... 15 20 Motherwort, ozs, lb..... 20 22 Mullein, German, lb..... 17 20 Pennyroyal, ozs., lb..... 17 20 Peppermint, ozs., lb..... 21 25 Rue, ozs., lb..... 30 35 Sage, Ozs., lb..... 15 18 Spearmint, lb..... 21 25 Thyme, ozs., lb..... 18 20 Tansy, ozs., lb..... 15 18 Wormwood, oz..... 20 22 Yerba Santa, lb..... 38 44 HONEY, lb..... 13 15 Hops, fresh, lb..... 30 35 INDIGO, Madras, lb..... 75 80 ISSUER POWDER, lb..... 20 32 ISINGLASS, Brazil, lb..... 2 00 2 10 Russian, true, lb..... 6 00 6 50 LEAF, Aconite, lb..... 25 30 Bay, lb..... 18 20 Belladonna, lb..... 25 30 Buchu, long, lb..... 40 45 Short, lb..... 15 18 Coca, lb..... 55 60 Digitalis, lb..... 25 30 Eucalyptus, lb..... 18 20 Hyoseyanus..... 25 30 Matico, lb..... 70 75 Senna, Alexandria, lb..... 25 30 Tinnevely, lb..... 15 25 Stramonium, lb..... 20 25 Uva Ursi, lb..... 15 18 LICHENS, Swedish, doz..... 1 00 1 10 Licorice, Solazzi..... 45 50 Pignatelli..... 35 40 Grasso..... 30 35 Y & S—Sticks, 6 to 1 lb., per lb 27 30			



Chlorate, Eng., lb.....	18	20	VERATRINE, oz.....	2 00	2 10	Lemongrass, lb.....	1 50	1 60
Powdered, lb.....	23	25	ZINC, Acetate, lb.....	70	75	Mustard, Essential, oz.....	4 25	4 50
Citrate, lb.....	75	90	Carbonate, lb.....	25	30	Nicoti, oz.....	3 75	5 00
Cyanide, fused, lb.....	40	55	Chloride, granular, oz.....	13	15	Orange, lb.....	3 25	3 50
Hypophosphites, oz.....	10	12	Iodide, oz.....	60	65	Sweet, lb.....	3 25	3 50
Iodide, lb.....	3 75	4 00	Oxide, lb.....	13	60	Origanum, lb.....	65	70
Nitrate, gran., lb.....	8	10	Sulphate, lb.....	0	11	Patchouli, oz.....	1 75	1 80
Permanganate, lb.....	65	70	Valerianate, oz.....	25	30	Pennyroyal, lb.....	2 00	2 10
Prussiate, Red, lb.....	50	55	<b>ESSENTIAL OILS.</b>			Peppermint, lb.....	4 00	4 50
Yellow, lb.....	32	35	Oil, Almond, bitter, oz.....	75	80	Pimento, lb.....	2 60	2 75
And Sod. Tartrate, lb.....	30	35	Sweet, lb.....	50	60	Rhodium, oz.....	80	85
Sulphuret, lb.....	25	30	Amber, crude, lb.....	40	45	Rose, oz.....	6 00	7 00
PROPYLAMINE, oz.....	35	40	Rec't, lb.....	65	70	Rosemary, lb.....	70	75
QUININE, Sulph., bulk.....	30	35	Anise, lb.....	2 75	3 00	Rue, oz.....	25	30
Ozs., oz.....	35	45	Ray, oz.....	50	60	Sandalwood, lb.....	5 50	9 00
QUININE, Sulphate, ozs., oz.....	16	20	Bergamot, lb.....	5 00	5 25	Sassafras, lb.....	65	70
SALICIN, oz.....	22	25	Cade, lb.....	90	1 00	Savin, lb.....	1 60	1 75
SANTONIN, oz.....	20	22	Cajuput, lb.....	1 80	1 90	Spearmint, lb.....	6 00	6 25
SILVER, Nitrate, cryst., oz.....	95	1 00	Capsicum, oz.....	60	65	Spruce, lb.....	65	70
Fused, oz.....	1 00	1 10	Caraway, lb.....	3 50	3 75	Tansy, lb.....	4 25	4 50
SODIUM, Acetate, lb.....	30	35	Cassia, lb.....	1 50	1 60	Thyme, white, lb.....	1 80	1 90
Bicarbonate, kgs., lb.....	2 50	2 75	Cinnamon, Ceylon, oz.....	1 50	1 60	Wintergreen, lb.....	3 00	3 50
Bromide, lb.....	63	65	Citronelle, lb.....	70	75	Wormseed, lb.....	3 50	3 75
Carbonate, lb.....	3	6	Clove, lb.....	2 25	2 40	Wormwood, lb.....	6 50	6 75
Hypophosphite, oz.....	10	12	Copaiba, lb.....	1 60	1 75	<b>FIXED OILS.</b>		
Hypo-sulphite, lb.....	3	6	Croton, lb.....	1 50	1 75	CASTOR, lb.....	13	14
Iodide, oz.....	40	45	Cubeb, lb.....	20 00	22 00	COU LIVER, N. F., gal.....	1 00	1 25
Sulicylate, oz.....	15	17	Cumin, lb.....	5 50	6 00	Norwegian, gal.....	1 25	1 50
Sulphate, lb.....	2	3	Erigeron, oz.....	20	25	COTTONSEED, gal.....	1 10	1 20
Sulphite, lb.....	10	12	Eucalyptus, lb.....	2 00	2 10	LARD, gal.....	90	1 00
SPRIT NITRE, lb.....	30	55	Fennel, lb.....	1 60	1 75	LINSEED, boiled, gal.....	75	78
STRONTIUM, Nitrate, lb.....	18	20	Geranium, oz.....	1 75	1 80	Raw, gal.....	73	75
STRYCHNINE, crystals, oz.....	1 10	1 20	Rose, lb.....	3 20	3 50	NEATSFOOT, gal.....	1 25	1 30
SULFONAL, oz.....	50	55	Juniper berries (English), lb.....	4 50	5 00	OLIVE, gal.....	1 35	1 40
SULPHUR, Flowers of, lb.....	23	4	Wood, lb.....	70	75	Salad, gal.....	2 25	2 40
Pine precipitated, lb.....	13	20	Lavender, Chiris. Fleur, lb.....	3 00	3 50	PALM, lb.....	12	13
TARTAR EMETIC, lb.....	50	55	Garden, lb.....	1 50	1 75	SPERM, gal.....	1 60	1 75
THYMOL, (Thymic acid), oz.....	60	65	Lemon, lb.....	2 00	2 25	TURPENTINE, gal.....	70	75

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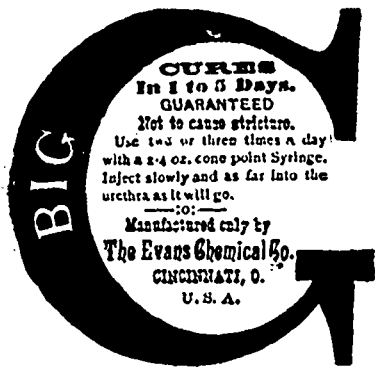
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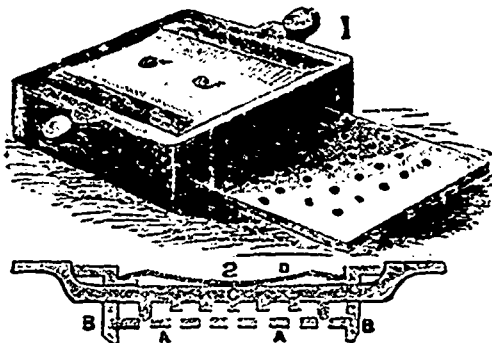
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