

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

Coloured covers/
Couverture de couleur

Covers damaged/
Couverture endommagée

Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée

Cover title missing/
Le titre de couverture manque

Coloured maps/
Cartes géographiques en couleur

Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)

Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur

Bound with other material/
Relié avec d'autres documents

Tight binding may cause shadows or distortion along interior margin/
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure

Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.

Additional comments: /
Commentaires supplémentaires:

Coloured pages/
Pages de couleur

Pages damaged/
Pages endommagées

Pages restored and/or laminated/
Pages restaurées et/ou pelliculées

Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées

Pages detached/
Pages détachées

Showthrough/
Transparence

Quality of print varies/
Qualité inégale de l'impression

Continuous pagination/
Pagination continue

Includes index(es)/
Comprend un (des) index

Title on header taken from: /
Le titre de l'en-tête provient:

Title page of issue/
Page de titre de la livraison

Caption of issue/
Titre de départ de la livraison

Masthead/
Générique (périodiques) de la livraison

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	14X	18X	22X	26X	30X
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12X	16X	20X	24X	28X	32X

CANADIAN DRUGGIST.

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

VOL. 2.

TORONTO, FEBRUARY, 1889.

NO. 2

THE CANADIAN DRUGGIST,

6 Wellington St. W., Toronto, Ont.,
and Strathroy, Ont.

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, and matter intended for the editor, to be addressed to Box 438, Strathroy, Ont.

Now advertisements or changes to be addressed

CANADIAN DRUGGIST,

6 Wellington St. W., Toronto.

College of Pharmacy Meeting.

The council of the College of Pharmacy met at the college on Tuesday, Wednesday, Thursday and Friday, Feb. 4 to 7, the President in the chair. All the members were present.

FIRST DAY.

The first day was occupied with a discussion of the report of the

EDUCATION COMMITTEE.

M. A. Jeffrey, chairman, reported for this committee:

1. Recommending refund of fees paid for Mr. Hardie, who is going to China as a missionary, considering that his work calls for so much personal sacrifice, and as it would be a matter of courtesy to our medical friend.

2. We would recommend the appointment of a representative from the faculty of the college to the meetings of the Board of Examiners before and after examinations, for the purpose of conferring with and advising the examiners concerning their reports, and suggest that the Principal of the College be such representative.

3. We deem it advisable that the council should appoint a special committee to frame by-laws for the government of the faculty of the College.

4. We have received from the Principal of the college the following report:

	NO. OF STUDENTS.	FEES.
Junior Term - -	70	\$2,698
Senior " - -	58	3,596

5. Recommending that Fred W. Wood's application be granted, and that he be credited with the marks made in the subjects upon which he passed, viz., Dispensing, Prescriptions, Chemistry, Pharmacy, Materia Medica.

6. We recommend that the report of the

Board of Examiners in reference to "Rules for the Guidance of Examiners" be adopted.

7. We recommend that a sufficient quantity of dispensing utensils to complete the equipment of the dispensing examination room be obtained.

8. As additional room has been asked to facilitate the work of practical pharmacy, we would recommend that such additional room be provided by making an opening into a room adjoining the laboratory, and that a grant of \$56 be made for this purpose.

9. In reference to the communication of Secretary Hemstreet, of the Wisconsin Board of Pharmacy, we recommend that the Registrar be instructed to communicate with him, informing him that the Ontario College of Pharmacy will reciprocate in the registration of certificates on the basis suggested in his letter.

10. Regarding application of Robt. J. Baxter for rebate of half his fees for a senior term, we recommend that \$12 be refunded him.

11. As regards Mr. Baxter's application for registration on account of having received a diploma from the Erie County Board of Pharmacy, we think it cannot be entertained because there is no interchange of diplomas with that Board.

12. We suggest that steps be taken towards the formation of a library for reference for use of members and students.

13. We recommend that the age of apprentice be mentioned on certificate of apprenticeship.

14. We recommend that apprentices, whose term of service shall have been completed by May 1st, 1891, be permitted to enter the school for the first time without having to undergo the matriculation examination.

15. In case of A. F. Dakley, we recommend appeal be granted; should he desire to take advantage of this permission the usual time be allowed him, and the Registrar be instructed to notify him accordingly.

All of which is respectfully submitted.

SUGGESTIONS BY THE EXAMINERS.

The suggestions of the examiners recommended for adoption in clause 6 of the report of the Education Committee, is as follows:

That in the copy of Rules for Examiners, the following changes were suggested, with a view to their acceptance by the council:

(1) In the section governing chemistry, after the words "characters and impurities," the word "adulterations" be added.

(2) In section governing materia medica, after the words "commonly kept by drug-

gists," the words "essential oils, sources, adulterations and impurities," be inserted.

3. That the word "botanical" be erased from the materia medica section, and after the word "lichens" in the botany section, the words "botanical names and natural order of plants yielding official vegetable drugs" be inserted.

There was a great deal of discussion on the question of representation of the faculty of the College on the Board of Examiners, and motions were made dealing with the matter. Practically, however, the members were agreed as to the relation the professors should bear to the examining body, and the discussion that arose on the question was largely caused by a misapprehension of the meaning of the terms employed.

THE EXAMINING BOARD.

Pursuant to notice of motion, A. Jeffrey moved, seconded by C. K. McGregor, that by-law 13 be amended by erasing the words "the professors of the College shall be ex-officio members of the Board of Examiners, and shall act as advisors," and that the latter clause of by-law 13 reading, "the questions asked at the examinations shall be published and approximate ratings of the answers may be furnished to candidates, their parents, their employers or teachers," be struck out.

J. E. D'Avignon moved in amendment, seconded by W. B. Sanders, that the words "The professors of the College shall be ex-officio members of the Board of Examiners and shall act as advisors," be retained in by-laws.

This amendment was lost, and the original motion carried.

EXAMINERS' FEES.

On motion of Mr. D'Avignon, seconded by A. Jeffrey, the following motion was carried, amending by-law No. 20, in order to conform with the recommendation of the Committee on Education adopted Aug. 9, 1889:—"Each examiner shall be paid from the funds of the College the sum of \$20 for each examination, and shall receive a further sum of fifty cents for each student in excess of fifty examined by him, and shall be entitled to the same mileage as that paid members of the Council." On motion of A. Jeffrey, seconded by L. T. Lawrence, Messrs. Mackenzie, Hall, Watters, D'Avignon, and Jeffrey were appointed to draft a

code of by-laws governing the teaching faculty of the College.

FINANCIAL POSITION

The Registrar read the financial statement as follows:

ASSETS.	
College building, per contract.....	\$17,120 59
College lot.....	5,000 00
Furniture, apparatus, etc., as per statement Aug., 1, 1889.....	\$4,192 34
Microscopes, \$129.60, freight \$15.29.....	144 89
Eimer & Amend's goods, \$23.70, freight, \$5.75	29 45
Dr. Robert Muenche's goods, \$114.59, frht., \$17.06.....	131 65
Gutta Percha Co.....	53
Poison books, J. Winer & Co., Hamilton.....	3 75
Debenture, Peoples' Loan.....	1,500 00
Freehold Loan and Savings' Co., Deposit.....	1,500 00
Interest on Debenture of \$15,00, Peoples' Loan to 1st Feb. 1890	31 25
Interest, Freehold Loan and Savings Co., of \$1,500 to 1st Feb., 1890.....	23 95
Outstanding fees, (estimated), 2 for 1885; 5 for 1886; 25 for 1887; 76 for 1888; 117 for 1889	9 00
Less amount considered doubtful, \$1.50.....	7 50
Balance in Bank of Commerce	6,846 23
" " Cash.....	26 10
	<hr/>
	37,300 83
LIABILITIES.	
"Pharmaceutical Journal," to date (estimated).....	\$ 305 70
Interest, Court Chancery.....	100 00
" Freehold Loan.....	123 64
Mortgage, Court Chancery.....	4,000 00
" Freehold Loan Co.....	10,000 00
Sal. ac't., Wm. Young.....	\$ 20 00
I. T. Lewis.....	50 00
Prof. Shuttleworth	892 00
" Avison.....	127 77
" Harrison.....	40 00
	<hr/>
	1,066 77
Deposit fees returnable.....	290 00
Edgar & Malone's account.....	95 00
Elias Rogers & Co's account.....	31 75
O. R. Avison.....	5 00
Jas. Bain & Son's account.....	22 25
Dr. Robt. Muenche.....	114 59
Lane, rent'l ac't, McLean Howard	15 00
To balance.....	21,131 13
	<hr/>
	37,300 83
To balance assets, \$21,113 13	
Audited and found correct,	
James Watt, } Auditors.	
J. C. Laidlaw, }	

SECOND DAY.

The morning session was occupied with the reading and discussion of the

REPORT OF INFRINGEMENT COMMITTEE.

Mr. J. H. Mackenzie, chairman, reported earnest efforts to reach all cases of infringement, but this involved time, labor, expense and trouble. In several instances the local magistrate refused to act, which involved getting others from a distance. In some cases the sympathy of the magistrate was apparently against us. In one notable case the magistrate refused to inflict the statutory fine for a second offence. We have had a number of cases reported of medical men

carrying on business without registration. Fortunately the present Pharmacy Act, being clear on that point, we are pleased to report that we have been able to get them registered without prosecution. Our attention was also called to a number of branch stores conducted by incompetent clerks. These have been attended to. It is our opinion that there are still a number of drug stores being carried on throughout the Province that are not registered, and it is our earnest wish to reach all such offenders at no distant day. We desire the council to recommend a course in regard to the collection of renewal fees. The large amount of outstanding dues warrant radical action in this matter. Your committee is of the opinion that the druggists of this Province are deprived of a large part of the trade which legitimately belongs to them by the sale in general stores of drugs and poisons which the law requires to be sold only by registered druggists; and in view of this fact, and in order to carry out more efficiently the work of the Infringement Committee, your committee would suggest the advisability of appointing a salaried prosecutor to systematically and thoroughly deal with all infringements of the Act.

Your committee have been as careful and economical as possible in handling the many cases which have engaged their attention, having only used the sum of \$18 of the grant voted at the last meeting of the council. The following is the list of cases dealt with:

Miss G. Carlisle, Beaverton, fined \$20 and costs; Miss M. L. Carlisle, Beaverton, case withdrawn, promising discontinuance of business and payment of costs incurred, \$9; Dundas Street Pharmacy, Toronto, sold out to Dr. Harris, business registered, case settled upon payment of all costs incurred.	
Dr. Savard, Ottawa, fined... \$ 20 with costs	
J. Switzer, Carleton Pl., fined 20	"
Dr. Savard, Ottawa, fined... 20	"
Oliver Bascom, Kemptville, fined..... 20	"
W. H. Bolton, Kemptville, fined..... 20	"
C. L. Casselman, Chester-ville, fined..... 20	"
John R. Brown, Tottenham, fined..... 20	"

Total receipts \$169

Expenses incurred in prosecuting:	
Napanee re Perry & Co.....	\$ 15
Beaverton re Carlisle.....	32
Ottawa re Savard, two cases; Kemptville; Carleton Place; Chesterville re Casselman.....	110
Tottenham re John R. Brown.....	15
Napanee re Perry & Co.....	15

Total expenditure..... \$187

Your committee desire to record their appreciation of the assistance rendered by the Registrar, Mr. Lewis, in facilitating and assisting in their work.

Regarding the letter from Messrs. Belcourt & McCracken, solicitors, re Dr. Savard, no further action by this council is necessary.

DISCUSSION ON INFRINGEMENT REPORT.

Mr. Watters said the public needed protection in the sales of poison. It is not right to have indiscriminate selling. If a man were appointed by this council to go through the country and see how the trade is done, it would be a great benefit to the sale of

drugs and also a great protection to the public.

Mr. Hobart urged caution in dealing with general merchants, and told of one who had been fined for selling a bottle of laudanum with his (Hobart's) name on. (Laughter).

Mr. Mackenzie said the trade in sales of Paris green and other poisonous drugs in common use was being driven from the drug stores to general stores because parties are asked to sign the book. These general stores are selling all the goods on the list, even strychnine, without restriction, and it is high time we had a man who would wipe out this thing. The way to do it is to get a salaried man, because the salary gives a man a certain standing not as an informer.

Mr. Hall thought we should be careful not to array the general storekeepers against us, and we had better let this matter rest a while.

President Clark suggested that as the Committee had to its credit now about \$180, the council should add a sum sufficient to enable the Committee to engage a detective for six months.

Registrar Lewis said it would be a great advantage to have a man out, as he kept the fees paid up and the registry book in good order.

J. H. Mackenzie moved, seconded by Henry Watters, that this Council continue the grant of \$200 to the Infringement Committee which has been in force for the past six months, for the purpose of carrying out the provisions of the Pharmacy Act. Carried.

The report was adopted.

THE CANADIAN DRUGGIST.

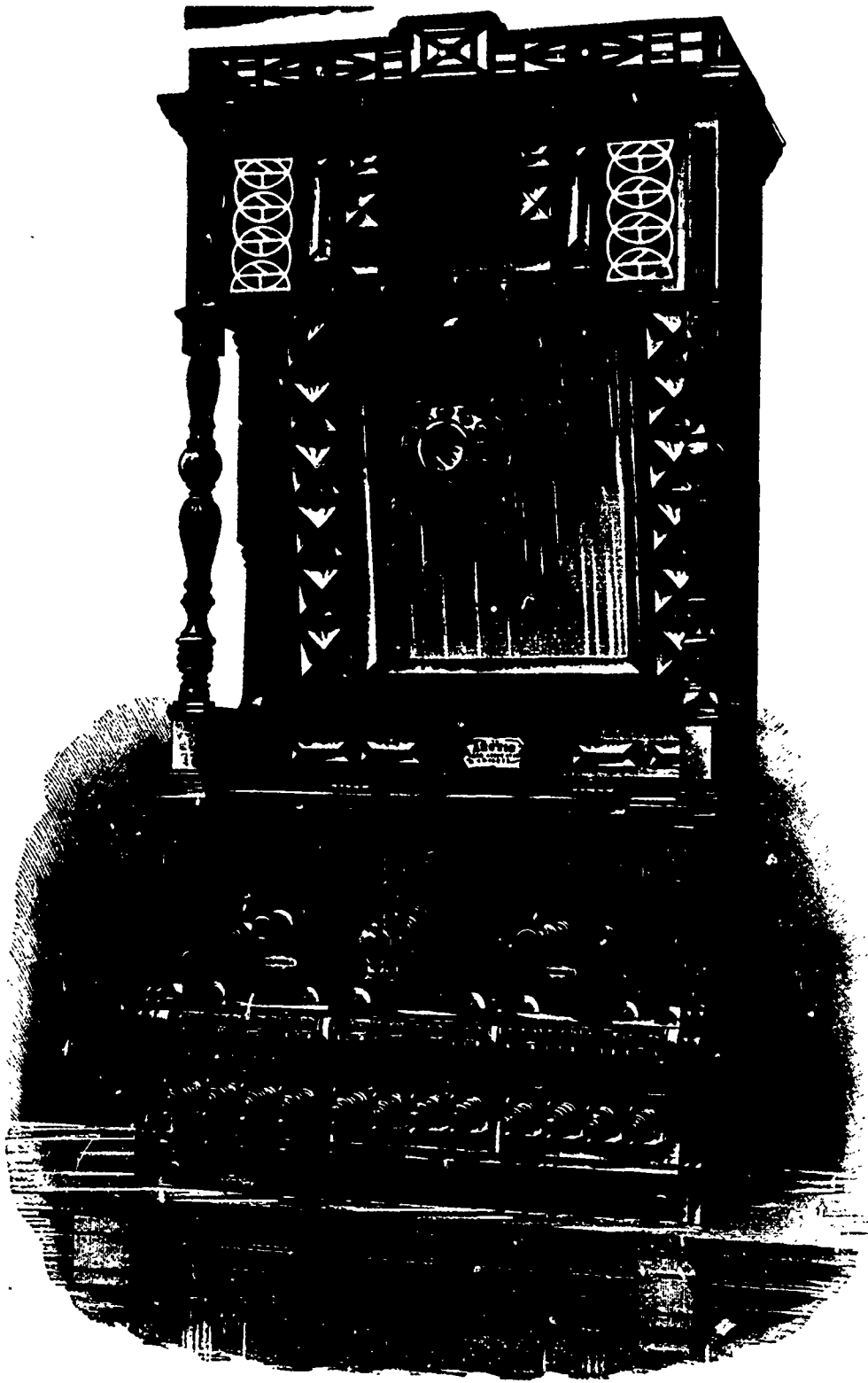
Just before the adjournment for luncheon the letter introducing the representative of the CANADIAN DRUGGIST was read to the Council by the President, and a resolution was passed authorizing him to take a full report of the proceedings of the Council. During the adjournment, however, it was pointed out that this resolution was a violation of one of the conditions of the agreement between the Council and Prof. Shuttleworth the publisher of the Pharmaceutical Journal. The clause in the agreement binds the Council not to assist, support, sanction or recognize any other journal than the Pharmaceutical. Here was a snag of some dimension at the gentlemen of the Council, with the aid of a little legal wisdom, overcame the obstacle. It happened in this wise:

At the afternoon session, Mr. Petrie rose and said: I was unavoidably absent this morning, and there is a matter I would like to bring up, with the indulgence of the Board, with your permission, and that is in reference to the resolution that was passed granting certain privileges to one paper. I would like to have that amended if you would take it up now.

The President: Any objection to this matter being taken up now? [Voices, "No?"]

Mr. Petrie then moved, seconded by Mr.

SODA WATER APPARATUS



TUFT'S ARCTIC AND SIBERIAN PATENTS

New Designs. New Improvements.

LOW PRICES

AND

EASY TERMS OF PAYMENT.

First class druggists throughout the United States, and many also in Canada, find soda water the most profitable branch of their business.

Every 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.

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 for payment of balance so liberal that in all probability it will pay for itself.

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.

Canada is to-day the most promising field 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.

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

Address all communications

JAMES W. TUFTS,
Boston, Mass.

FACTORY:

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

SALESROOMS:

CHICAGO—84 and 86 Jackson Street; NEW YORK—10 Warren Street, near Broadway and City Hall; DETROIT—168 Griswold Street; SAN FRANCISCO—54 Second Street; ST. LOUIS—703 Broadway; OMAHA—121 North Fifteenth Street; DENVER—Seventeenth and Curtis Streets; BALTIMORE—Lombard and Concord Streets; NEW ORLEANS—356 Chestnut Street; BOSTON—96 Portland Street.

In sending for Catalogue, you will confer a favor by stating where you saw this advertisement.—J.W. Tufts.

CANADIAN AGENT,
MR. CHAS. L. NEWELL,
PARIS, ONT.

We have secured the Agency for Canada For Vincent Woods' Celebrated Medicated Pine Wool Felt Goods, including Chest Protectors, double and single. Ladies' and Gents' Abdominal Supporters.

The above goods have a large sale on the Continent and in the United States. They are elegantly finished and allow a good margin of profit.

Just received a fresh stock of Silk Elastic Hosiery, Knee Caps, etc.

**Obstetric Binders,
Abdominal Supporters,
Gents' Riding Belts.**
New lines of English and American Shoulder Braces, Suspensories, etc.

Have you stocked the "New Discovery" Extract of Cod Liver? There is a steadily increasing demand for it. The Physicians are recommending it.

Smith & McGlashan Co.,
53 Front St. E.

Agents for E. B. Shuttleworth's Fluid Extracts, Elixirs and Pharmaceutical Specialties.

**HICKSON,
DUNCAN
& CO.,**
25 FRONT STREET,
SUCCESSORS TO
W. H. BLEASDELL & CO.,

In calling the attention of our numerous customers to our large and varied stock of Fancy Goods, are pleased to state that we are exceptionally well prepared to fill orders in large or small quantities, and at much better value than heretofore. Buying direct from the manufacturers in Germany, France and England, we can offer special inducements in all lines of

DRUGGISTS' AND TOBACCONISTS' SUNDRIES
Toys, Cutlery, Sporting Goods, Games, Vases, Brushes, Bisquo Figures, Stationery, etc.
Yours respectfully,
HICKSON, DUNCAN & CO.,



B. LAURANCE & Co.,
Wholesale Opticians,
251 St. James St., Montreal.

Fine English Goods a Specialty.

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

J. PALMER & SON

IMPORTERS OF

Druggists' Sundries,

Sole Agents in Canada for

**A. & F. PEAR'S SOAPS, DUPONT'S BRUSHES,
BERTRAND'S PERFUMES.**



The Largest and best assorted Stock in Canada of

**BRUSHES, COMBS, SPONGES,
PERFUMERY,
CHAMOIS, SOAPS, FANCY GOODS,
TOILET REQUISITES.**

**1743 & 1745 NOTRE DAME,
MONTREAL, - CANADA.**

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 refunded 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 give more goods and do it better than any other Dyes.

Same Price as inferior Dye, **10 cts.**

Canada Branch: 481 St. Paul Street, Montreal.
Send postal for Sample Card and Book of Instructions

Lyman Bros.

& CO.

TORONTO,

AGENTS FOR

**Pizalas' Elixir Peptonate of Iron,
Cushman's Inhalers,
Brighton Bathing Sea Salt.**

SPECIALTIES IN SUNDRIES.

Thread Sponge Holders,

Wire " "

Wire Hair Brushes,

Cloth Brushes,

Nail " "

Tooth " "

Hair " "

Earthen Tea Table and Dessert Spoons,

Sick Feeders and Pap Boats,

Combs of all description.

See our Samples of these goods before ordering.

Bertrand's \$24 Perfumes,

Warwick's Perfumes,

Colgate's " "

Lubin's " "

Atkinson's " "

Piesse & Lubin's Perfumes,

Lundborg's " "

Crab Apple Blossom " "

Cherry Blossom " "

ALWAYS IN STOCK.

WAREHOUSES:

71 & 73 Front St. East

CHEMICAL WORKS AND MILLS:

147 & 149 Front St. E.

TORONTO.

Slaven, "That the resolution No. 17, re granting privileges to special party passed this morning be struck out, and that the following take its place: 'and that the representatives of the press be allowed every facility to obtain full reports of the proceedings of this Council.'"

Mr. D'Avignon suggested that the proper way to deal with the matter would be to reconsider the vote first, and that should be done by some one who voted in the majority.

Mr. Petrie—Not being present, there could be no objection to my bringing it up, or Dr. Slaven, who also was absent, with the consent of the Board. Of course if there is any one who objects, the course you propose would be right.

Mr. D'Avignon—I don't object at all myself. I know the proper form is to move the reconsideration of the vote.

The President—The request was contained in the following letter:

THOS. BENGOUGH, ESQ.,

Shorthand Reporter:

DEAR MR. BENGOUGH,—Will you kindly arrange to have a full report of the proceedings of the Ontario College of Pharmacy Council, which meets in the College to-day? You may use this letter as your credential.

W. A. DYAS,

Publisher CANADIAN DRUGGIST.

It was moved by Mr. McGregor, seconded by Mr. Watters, "That Mr Bengough be allowed to receive the full report of the proceedings of this Council meeting for the CANADIAN DRUGGIST." Of course we do not wish to recognize any other journal than we have at present. At the same time we think it right to extend the privilege to all the journals. It is moved that resolution No. 17, granting special privileges, be rescinded.

The rescinding resolution was then put and carried.

Mr. Petrie then moved, seconded by Mr. Slaven, "That the representatives of the press be allowed every facility to obtain full reports of the proceedings of this Council."

This motion was put and carried without discussion.

INTERNATIONAL RELATIONS.

President Clark's well-meant effort for the benefit of the College was not appreciated by some of the members. After he had read the correspondence which was published in the January number of THE DRUGGIST, the following motion was proposed.

W. B. Sanders moved, seconded by J. E. D'Avignon, that the communications from the various Boards of Pharmacy now read by the President be not adopted by this Board, as in his official capacity as President of this Board we feel that the hard-earned reputation of the Ontario College of Pharmacy has been hawked over the various

States of the United States seeking the co-operation of foreign Boards of Pharmacy.

But there was another side to the question, and in amendment H. Watters moved, seconded by Mr. Slaven, that this Council approve of the efforts made by the President in obtaining from various State Boards recognition of the diplomas of this College, and that the thanks of this Council be tendered to him for his zeal in promoting the interest of our college in directing attention to the excellence of our Pharmacy Act. The amendment was carried by 10 to 2. The main motion was lost by 10 against 2, after a somewhat lively discussion.

INCREASE TO REGISTRAR'S SALARY.

Mr. Slaven moved, seconded by Mr. Mackenzie, that in consideration of the increase of work devolving upon the Registrar during the past year, this Council grant him a bonus of \$150.

Mr. Slaven explained that an increase of salary would require six months' notice, and this was put in the form of a bonus to avoid delay.

Mr. Mackenzie stated that no bonus had been given last August, and this would practically be like an increase covering a whole year.

Mr. Hall said it was the general opinion of the Council that the Registrar was deserving of an increase.

The President stated that as the motion involved considerable expenditure, he would refer it to the Executive and Finance Committee.

THE DRUGGIST reporter may be pardoned for expressing the opinion that Registrar Lewis is a rare specimen from the reporter's standpoint. Nothing seems to be too much bother for him; and after a long experience with secretaries of various organizations the reporter can truthfully say that he has never met one who was more obliging, methodical or painstaking than the one whom the Ontario druggists have secured.

MISCELLANEOUS.

By the enterprise of Mr. J. J. Hall, chairman of committee on by-laws, copies of his report were typewritten and distributed among the members. They were found very useful in following the many details of the elaborate report.

In accordance with the by-law requiring the destruction of ballots, Messrs. Mackenzie and Hobart were appointed to accompany the Registrar for that purpose, and with due solemnity they repaired to the basement and incinerated the tell-tale tickets.

Messrs. Brown and Boyd were heard in support of the application of the former for registration on account of having been in business before 1876.

On motion of A. B. Petrie, seconded by J. H. Mackenzie, a diploma was granted to J. Alex. Allen, of Adolphustown.

On motion of Mr. Slaven, seconded by Mr. Watters, the President was empowered

to attend as a delegate the meeting of delegates of the State Board of Pharmacy in the United States to be held at Old Point Comfort, Va., in Sept. 1890.

THURSDAY AFTERNOON.

The Council met at 2 o'clock, the President, Mr. John A. Clark, being in the chair.

After some discussion the By-laws and Legislation and the Infringement Committees retired from the council chambers to get their reports ready to present to the Council. After a short delay both Committees returned and the whole Council were then present.

The report of the By-law and Legislation Committee consisted of proposed regulations to divide the Province of Ontario into thirteen electoral territorial divisions, together with by-laws governing the holding of elections and the casting of votes as provided for by clause 4, sub-section 3 of the Pharmacy Act. The report as submitted to the Council was read clause by clause and discussed. Alterations were made to render it clearer and more concise where thought necessary. This matter occupied the attention of the Council the whole afternoon. The division of the Province of Ontario into electoral territorial districts and the By-laws submitted by the Committee, as approved of by the Council, are given verbatim hereunder:

Whereas by sub-section 3 or section 4 of the Pharmacy Act, power is given to the Council of the Ontario College of Pharmacy to pass a By-law dividing the Province of Ontario into thirteen electoral territorial divisions for the purposes of the Act, so that all general elections of the members of the Council shall be held so that each member shall be a resident of, and shall be elected by the duly qualified members of the College resident in the territorial division.

And whereas power is further given to the said Council in the said Act, to pass a By-law prescribing the manner of holding such an election, with respect to the time thereof and the taking of the votes therefor and the giving of a casting vote in case of an equality of votes.

Therefore be it enacted by the Council of the Ontario College of Pharmacy that the following be the electoral territorial divisions by counties as shown in the Revised Statutes of Ontario, 1887, Chapter 5, and the By-laws for conducting the elections:

No. 1.—3 Glengary; 0 Prescott; 4 Stormont; 0 Russell; 7 Dundas; 14 Carlton; 9 Grenville; 14 Lanark; 7 Renfrew. 58.

No. 2.—16 Leeds; 7 Frontenac; 3 Addington; 8 Lennox; 5 Prince Edwards; 21 Hastings. 60.

No. 3.—7 Northumberland; 13 Peterboro; 14 Durham; 9 Victoria; 14 Ontario.

No. 4.—Division 4 comprises the following wards in the city of Toronto:

7—St. George's Ward; 8—St. Lawrence Ward; 12—St. John's Ward; 11—St. James Ward; 7—St. Thomas Ward; 13—St. David's Ward; 2—St. Matthews Ward. 60.

No. 5 Division comprises the following wards in the city of Toronto:

St. Pauls Ward, St. Patricks Ward, St. Stephens Ward, St. Marks Ward, St. Andrews Ward, St. Albans. 58.

No. 6.—19 York, 37 Simcoe, the Territorial Districts of Muskoka 4, and Parry Sound, the Provisional Judicial District of Algoma 10, the Territorial Judicial District of Nipissing, the Provisional County of Haliburton, the Provisional Judicial District of Thunder Bay, the Territorial District of Rainy River. 70.

* No. 7.—7 Peel; 26 Wellington; 7 Halton; 6 Dufferin. 47.

No. 8.—39 Wentworth; 9 Lincoln; 14 Welland. 62.

No. 9.—8 Haldimond; 25 Brant; 21 Waterloo. 55.

No. 10.—10 Norfolk; 23 Oxford; 18 Perth. 51.

No. 11.—22 Elgin; 36 Middlesex. 58.

No. 12.—28 Huron; 26 Grey; 24 Bruce. 78.

No. 13.—18 Lambton; 17 Kent; 17 Essex. 55.

1. As required by the Act, the election of members to the Council of the Ontario College of Pharmacy takes place on the first Wednesday in July every second year.

The persons qualified to vote at such an election shall be those members of the College who have paid their dues to the College before the time for sending out the voting papers.

2. No member shall be entitled to more than one vote excepting in the case of an equality of votes as hereinafter provided.

3. The members of the College shall be notified through the College Journal in the months of April and May in the year of the election or else by circular during the month of May of the year of election advising them of the election, giving day and date.

4. From the first day of May in the year of the election every duly qualified member of the College may send to the Registrar a nomination of one name only, of a duly qualified member of the College to be a candidate for election to the Council of College; or he may sign the nomination paper of one such candidate; such candidate must be actively engaged on his own account and as proprietor in the occupation of a pharmaceutical chemist, and residing within the electoral territorial district for which he is nominated and the said candidate shall have paid his dues to the College before or at the time of his nomination, which nomination must be mailed so as to reach the Registrar not later than thirty days previous to the election. The nominator must be a resident of the same territorial division as the nominee. The nominee must receive the nomination of at least three duly qualified members of the College resident in such division.

5. Such nomination must be mailed in time to reach the Registrar not later than thirty days previous to the day of the election. The Registrar shall at once notify the nominators that such nomination has been received, and he shall also notify the nominee. The latter notification to be by a registered letter, requesting him to reply immediately if he wished his name to stand for election. Should no answer be received by the Registrar from the nominee within ten days from the date of mailing such notification, the Registrar shall assume that such nominee does not wish to be a candidate and erase his name from the list of candidates.

6. The Registrar shall have prepared a

sufficient number of ballot papers for the election, separate ballot papers for each electoral territorial division in which there is to be a contest, which ballot papers shall state plainly the number of the division, the names and address of the candidates arranged alphabetically in the order of their surnames. The date and limit of time allowed for its return, with instructions how to vote, and the name and address of the Registrar either on the ballot paper or an envelope to be enclosed, and such voting paper shall be so arranged that it may be overlapped and gummed, disclosing only the name and address of the voter.

7. In preparing the list of the qualified voters the Registrar shall take the names and addresses as they appear on the College Register of qualified pharmaceutical Chemists. Any pharmaceutical chemist who shall change his place of residence shall give notice to the Registrar in writing of such change.

8. The Registrar shall forward to each member of the College entitled to vote, a ballot paper printed for the division in which he is entitled to vote. The voter shall designate his choice of one candidate only, by placing opposite his name a cross, thus, X, and mail it to the Registrar who shall refuse for count the votes so sent to him after the hour of twelve o'clock noon, but keep them in a parcel by themselves, marked 'too late'. The Registrar shall keep the ballot papers so received by him before the hour of twelve o'clock noon, on the day of the election, in the envelope, unopened until demanded by the scrutineers for count. The Registrar shall prepare a list alphabetically arranged by electoral territorial division, and in the order of their surnames of all members of the College entitled to vote at that election and hand it to the scrutineers along with the ballot papers.

9. The scrutineers shall be elected by the Council and shall hold office until their successors are elected. They shall each receive the sum of Five Dollars per day for their services. In the event of one or both refusing, neglecting, or being unable to act, the President of the Council may appoint some one to fill the vacancy. The scrutineers shall begin the counting of ballot papers at the office of the Registrar at the hour of twelve o'clock noon, on the day of the election, and proceed without any unnecessary delay until a full and complete return is arrived at. Upon opening the envelopes containing the ballot papers the scrutineers shall ascertain that the voter is properly qualified according to the list of names of voters handed to them by the Registrar, and shall tear off and keep the strip on which the signature of the voter is, without disclosing the marked ballot paper, which is to be reserved for future count. The scrutineers shall make out a true return and sign it of the entire number of votes cast, giving the votes cast in each electoral division separately, showing the number of votes cast for each candidate and the number of spoiled ballots, and hand the return so made out to the Registrar along with all the ballot papers, both good and spoiled, the ballot papers of each division tied separately. The slips containing the signatures of voters and also the Registrar's list of qualified voters—the whole to be tied up in one parcel.

10. The Registrar shall in the presence of the scrutineers seal the parcel of ballot papers so handed to him with the seal of the College and mark thereon a statement of the contents and deposit it in the vault of the

The London Drug Co.

LONDON, ONT.,

IMPORTERS, -----

WHOLESALE DRUGGISTS,

AND

MANUFACTURING CHEMISTS

WESTERN AGENTS FOR

Gray's Syrup Red Spruce Gum.

Recent Arrivals:

Merck's Scales Pepsine, Chloralamid, Sulfonal Bayer, Acetanilid, Paraldehyde, Eucalyptol, Cocaine Crystals, Cocaine Hydrochlor, and we have always on hand a full line of New Remedies.

We complete stock of everything required in the business.

WE ARE AGENTS FOR

Batger's Confectionery

Goods all FIRST-CLASS and all ONE PRICE.

"How's your stock?"

The season during which Cold in the Head and Catarrh are most prevalent is now upon us, and every druggist in the land should have upon his shelves a liberal supply of NASAL BALM, and should, on no account, during the Fall, Winter and Spring months, allow himself to be without it.

NASAL BALM

Is the only certain and speedy cure for Cold in the Head and Catarrh in all its stages ever placed before the public. This may seem a strong assertion, but it is backed by hundreds of testimonials in our possession, and is further proved by the rapidly increasing sale with which it is meeting in all parts of the Dominion.

NASAL BALM is one of the best advertised preparations in the market, and is this season being more largely advertised than ever before. Its merits are now being placed before the public through the medium of nearly FOUR HUNDRED NEWSPAPERS. Circulars, dodgers, pamphlets and advertising novelties are being constantly scattered broadcast over the country, and these must inevitably create a greater demand this season for Nasal Balm than ever before. Under the circumstances the proprietors feel warranted in asking, HOW IS YOUR STOCK? Have you a supply on hand to meet this demand? If not, place an order with your wholesale dealer at once.

CAUTION—The trade is cautioned to beware of parties offering remedies in imitation of NASAL BALM, or offering containers for putting up such imitations. Our design, name and trademark are registered, and we are determined to protect our rights in the future, as in the past, and will rigorously prosecute all parties trading in such imitations or infringements. NASAL BALM can be had of all wholesale dealers, and you will find it to your interest to order your supply at once.

Fulford & Co., - Brockville, Ont.

• NOTES • ON • CAPSULES •

KREHBIEL CAPSULE Co., of KALAMAZOO, MICHIGAN, U.S.

SOLUBILITY The first requisite of a capsule is its **SOLUBILITY**, or its ability to dissolve quickly in the stomach and distribute its ingredients. Our Capsules are manufactured by a new process, from the finest imported French gelatine obtainable at the lowest possible dissolving temperature of the gelatine, and the result is the **MOST SOLUBLE** and **QUICKEST DISSOLVING** Capsule on the market. Send for samples.

CUT The second requisite of a capsule is a smooth, even **Cut**, which enables the dispenser to move easily, fill, and at the same gives greater accuracy of capacity. Our Cut is square, even and clean. Send for samples.

FIT The third requisite of a capsule is the fitting of the cap and body together, so that in handling they will not come apart, and allow the medicine to be wasted or scattered over other capsules in a box. Our capsule joins the closest and neatest of any. Send for samples.

COLOR The color of a capsule, while not of vital importance, must be looked at. Our capsules are clear, light colored and the cleanest and neatest manufactured. Send for samples.

MINOR POINTS We shall merely mention these. They are lighter in weight, yet not at the expense of strength. They don't "chip" in filling. They are elastic. They stand any climate. They are Perfect goods. They will satisfy you. Send for samples.

PRICE Last, but not least, comes **PRICE**. They are the **CHEAPEST** in price of any reputable capsule made, as well as the **CHEAPEST** to use on account of their merits. Send for samples.

HOW TO GET THEM Your wholesaler should keep them but if he does not, send your order direct to us, and we will ship free of express charges, provided your order amounts to the value of a half gross, or will send your order to the nearest wholesale customer of ours, and the order will be filled.

PRICES.

MT Capsules, 7 Sizes, 00-5, Boxed in Metal Cans of 1,000 each,	60c. per M.
" " " " " " " " " " " "	Card Boxes of 100 " per doz. 90c.
" " " " " " " " " " " "	100 " 1/2 gross, \$5.00.
" " " " " " " " " " " "	100 " gross, \$9.00.

SEND FOR SAMPLES. CORRESPONDENCE SOLICITED.

Krehbiel Capsule Co. - KALAMAZOO, MICHIGAN, U.S.A.

FACTORY, 1002-1032 CAMERON STREET.

PLEASE MENTION THIS PAPER.



Druggists and Dealers pronounce it the best selling medicine they have.

C. C. RICHARDS & CO.,
YARMOUTH, N. S.

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.



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

J. M. FORTIER,

MANUFACTURER OF



143 to 153 St. Maurice St.

MONTREAL.

T. MILBURN & CO

55 Colborne Street,
TORONTO, - - - - ONTARIO.
SPECIALTIES:

- Burdock Blood Bitters.
- Burdock Healing Ointment.
- Burdock L. and K. Plaster.
- Burdock Pills.
- Victoria Hypophosphites.
- Victoria Buchu and Uva Ursi
- 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. Filo's Worm Lozenges.
- National Pills.
- Egyptian Salve.
- Dr. Abernethy's Worm Candy.
- Freeman's Soothing Syrup.
- Freeman's Worm Powders.
- Freeman's New Domestic Dyos
- Dr. Low's Worm Syrup.
- Dr. Low's Sulphur Soap.
- Dr. Low's Pain Cure Oil.
- Milburn's Best Iron and Wine.
- Milburn's Quinine Wine.
- Roscoe's Hair Reviver.



Canada Truss Factory
Established 1856.

F. CROSS,

712 Craig St., MONTREAL.

Esforo using. Trusses, Instruments for physical Deformities, Artificial Limbs, Gross Improved Chest Expanders and Shoulder Brace.

The Deaf made to Hear.

Elastic Stockings, etc., on hand, and made to order.

College, there to remain until the second semi-annual meeting of the Council, when they are to be destroyed by the Registrar in the presence of the President or some member of the Council appointed by the President.

11. The vote shall be regarded as strictly secret. No one shall be allowed to ascertain for whom a member has voted and no one shall be present at the count with the scrutineers, excepting the President, Vice-President, Registrar and the candidates or their accredited representatives who shall in no way interfere with the scrutineers in the discharge of their duties. In the case of an equality of votes between candidates the Registrar if he is a duly qualified member of the College shall decide such dispute. But if not so qualified the President shall give the casting vote, and such vote shall be final, subject to reversal only on a recount of ballot papers as hereinafter provided.

12. The Registrar shall immediately declare who has received the largest number of votes in the different electoral territorial divisions, whom he shall declare elected to represent the respective divisions upon the Council Board of the College, and he shall forthwith inform the successful candidate division that he is the party chosen to represent such division in the county of the Ontario College of Pharmacy, and the Registrar shall also inform him of the time and place of the first meeting of the Council. And in any electoral territorial division where only one candidate has been properly nominated he shall be notified by the Registrar that he is elected by acclamation, at the time that the voting papers are sent out to the divisions where there is to be a contest.

13. If the members of the College in any electoral territorial division shall refuse or neglect to nominate a legally qualified candidate to the Council who shall have accepted such nomination as hereinbefore provided, or if any vacancy shall occur among the members of the Council from any cause, the remaining members of the Council shall fill up such vacancy from among the duly qualified members of the College resident in the territorial division so unrepresented.

14. At any time within thirty days from, and including the day of polling, any duly qualified member of the College entitled to vote may demand a recount of the ballot papers of the territorial division in which he resides and has voted on depositing with the Registrar the sum of twenty five dollars and a written request for such recount. The Registrar shall appoint the time and place and arrange for such recount, which shall take place within fifteen days from the date of the request and shall be conducted as far as is practicable in the same manner as at a general election, excepting that the petitioner and some one in his behalf may be present at such recount. Whatever portion of the twenty-five dollars remains in excess of the actual cost to the College of conducting such recount shall be returned to the petitioner, and if there is shown to be irregularities void in the election the whole of the twenty five dollars is to be returned.

15. If from any cause the President is unable, refuses or neglects to act in any capacity where his services are required throughout the by-law, the Vice-President shall discharge the duties of the President.

16. If from any cause the Registrar refuses, neglects or is unable to act in any capacity where his services are required in this by-law, the President shall appoint some

one to act in his place, and such person shall have power to perform all the duties and powers of the Registrar.

On the motion of Mr. John J. Hall (Chairman of By laws and Legislation Committee) seconded by Mr. John McKee, the following resolution was carried unanimously:—

That By-law No. 10 on division of the Province of Ontario by counties into thirteen electoral territorial divisions and the by laws on conducting elections in the electoral districts just read be adopted by this Council, and that the President and Chairman of the By laws and Legislation Committee be empowered to submit the by laws on electoral territorial divisions and on the manner of conducting the elections in the said divisions and other by-laws to the College Solicitors to have them made to conform to the Act, and submit the same to the Deputy Attorney General for supervision, and to report at the next semi-annual meeting of the Council.

Mr John J Hall also moved the following resolution, seconded by Mr. Henry Watters, which was carried unanimously:—

That all by-laws requiring it be amended to correspond with the by-laws just passed providing for district representation, and that the Chairman of the By-laws and Legislation Committee prepare and submit to this Council in August next such by-laws as amended to date.

Council met Friday morning, February 7th, 1890, at 10 o'clock, John A. Clarke, President, in the chair.

All the members being present, the following order of business was proceeded with.

The first communication being an account from the Map and School Supply Company for import order of glassware and apparatus which was left in the hands of the Registrar for adjustment and payment upon a motion by Mr. McGregor, seconded by Mr. Hobart.

Mr. Slavin presented report No. 2 of the Executive and Finance Committee recommending that the Registrar-Treasurer receive the sum of \$150 as a bonus for the current year. "The committee feeling that the space in the present building available for practical work is insufficient and in order that the practical operations of the College be facilitated we would therefore ask this Council for authority to consider the advisability of making an addition to the rear of the present building, to commence in 1891, when we hope that the \$4,000 mortgage will be paid off, and this committee to report at the August meeting. All of which is respectfully submitted.

"W. B. Slavin, (Chairman.)"

Moved by Mr. W. B. Slavin, and seconded by W. H. Mackenzie, that report No. 2 of the Executive and Finance Committee be adopted.

Mr. Slavin states that before the motion was put he would refer to a few items in a financial way that might prove interesting to the members.

The first mortgage that will have to be paid off matures on the first of March, 1891, which has already been largely provided for

and the Committee hope to be able to pay it off in full, there being little or no doubt that it will be paid off at maturity.

The second mortgage is to the Freehold Loan and Savings Co., and will mature on the 12th of July, 1892, and is for \$2,000.

The third and only remaining mortgage on the building will mature on the 13th of May, 1895.

Report unanimously adopted.

Mr. Hall presented the report of the By-laws and Legislation Committee.

Moved by Mr. Hall, seconded by Mr. McKee, that the report of the By-laws and Legislation Committee be received. Carried.

Moved by Mr. Hall, seconded by Mr. McKee, that the report of the By-laws and Legislation Committee be adopted.

The President drew the attention of the Council to the fact that the Act dates back to 1884 and the amendments date back to 1889. Mr. Hall doesn't see that would make any difference with the report, that the whole Act as it now stands is an amended Act.

Mr. Macgregor asks for an explanation in connection with the application for registration of Mr. Elburn.

Mr. Hall says that this man has a certificate to do business in Great Britain, and claims (as a right) to be registered under the Pharmacy Act; he has not passed the examination, but this would not set up a precedent, as every application of this kind has to come before this Council. The President draws attention to the fact that there was a similar case brought before them in August last, shown on page 18 of the report, which was refused.

Mr. D'Avignon:—The report states that we are not obliged to give it to him; each case must be decided on its individual merits, the Act is permissive.

Mr. Waters states that the degree conferred by passing the major examination is an honorary title.

Mr. Petrie says that if the Imperial College recognize and accept the diplomas of this college, he would favor not recognizing theirs.

Mr. MacGregor states that he agrees with Mr. Petrie that there is a difficulty ahead, if the English druggists are to come out here, as they tend to lower the dignity of the profession.

Mr. D'Avignon says he thinks it would be right to register this gentlemen.

Mr. Petrie states that they have had it brought before them very forcibly that it is very foolish for a State to recognize us unless we recognize them. And there is no doubt about it at all but anyone who has studied up the drug business in England and the way they do their business there will see that if a few of these men were established here in Canada it would demoralize the trade very much.

In England you can buy a pennyworth of

anything. It is not a question of introducing a man that is qualified, but it is introducing a system among us. If you start a man like that in Toronto it demoralizes all the trade in his neighborhood, and in a place like Brantford or Guelph he would do the same. Mr. Jeffrey asks Mr. Petrie if he is now speaking on the subject of the survival of the fittest? Mr. Petrie replies that he was speaking on the question of the survival of druggists.

Mr. Hall stated that in his opinion the clause in the Act compromised the College. Persons are asked to come forward, and then when a man comes forward he is refused.

Mr. Mackenzie did not think the minor examination was sufficient.

Mr. Hall states that in his opinion it would be advisable to a low this man to come in, as at any rate the action of the Council would not bind them in future cases.—Motion put and carried.

The supplementary report of the Educational Committee was submitted, and upon motion by Mr. Hall, seconded by Mr. D'Avignon was referred to the committee of the whole.

At the request of the President, Mr. Hobart took the chair.

The first clause "That G. W. Marshall shall have the privilege of appeal for examinations in dispensing, that ten days from this date be granted for such privilege."—Carried.

Mr. Clarke asked for full particulars as to the application of R. G. Baxter, which the Committee had decided not to recommend. Mr. Baxter's letter was read, and the Registrar of the College gave the facts as to the examinations. This gentleman at the examination in May 1889 took up five subjects; he just passed on three subjects and therefore could not be registered, and again in the examination of Dec. 1889 he took all the subjects and passed in two, Chemistry and Materia Medica.

Mr. D'Avignon states that they must look at it as if it was a young man going to Toronto University who understood he had certain regulations about being allowed credit of passing one subject, and when he came up for examination, Mr. Hall thought it was a little hard if a boy entered on his college course with the view that if he passed on three subjects he would get credit for them, to find himself shut out of that entirely. This gentleman passed under the regulations that if he got credit on three subjects he need not pass on them again. It appears as though there were a kind of tacit agreement between the teaching department and the pupils who enter into their course that there is nothing to be done in those on which they have passed. Mr. D'Avignon thinks the school had nothing to do with it; the council of Examiners have nothing to do with the school. The Council may make new regulations now, and all

who come up after this would have to abide by them.

Resolved that application be not granted.

Regarding the College announcements, Mr. Jeffrey stated he handed the suggestions to Mr. Shuttleworth, and the announcement will be submitted to the committee before being printed. Carried.

Clause four as to result of junior examinations which have already been published was taken as read and carried. Clause five as to appeal of George H. Hinch, of Hamilton, re examination papers allowed.

Clause five in which the committee asked for power to lengthen the time of the junior term at least one month, down to the number of lectures and the amount of practical work which at present is crowded into such a short space of time, was read, nearly all speaking agreeing there was too much work for the time; that the one term was too short and the other term pretty long.

Mr. Jeffrey said the question of fees was a serious one and must be considered now.

Mr. Hall thought the fees should be reduced as much as possible, at any rate the charges should not be increased.

Mr. Clarke asked whether it was intended to give any additional number of lectures to the students if the time was increased.

Mr. Jeffrey replied it was not so intended.

Mr. Petrie suggested that if it was found practicable to lengthen the time, and to reduce the fees to \$30, it would meet half the cost of the month's additional attendance in Toronto. It was very desirable that some change be made of this kind, and not have the work too crowded, as it would make it very much better for the student.

Mr. Jeffrey asked if Mr. Shuttleworth, who was present, would give his opinion on the question.

Mr. Shuttleworth stated he had given considerable thought to this question, having thought of it for two years; the work is too hurried in the junior term; the young men hardly have time to digest what they take in, and in the end they are hardly in a condition for the examination. He did not know it was going to come up in the Council, but his idea in regard to his own work was to transfer about ten days' work from the junior term, which is unduly short, into the senior term which is unduly long. The last part of this session running into May does not seem to be suitable for the boys; all the medical students have gone home six weeks before, and it is getting hot weather and not a good time for study. It lies entirely with the Council as to lengthening the junior term; but it must be remembered that the young men have to pay four weeks' board and have to lose that time in which they would be getting six or eight dollars a week; the expense would be met very well by carrying over ten days' work from the junior into the senior course; there is too much time for the senior, and too little for the junior.

It would entail no more work for the Professors.

Upon motion by Mr. Clark, seconded by Mr. Slavin, it was referred back to the committee for consideration, to be reported at next semi-annual meeting.

Clause seven recommended that the examination papers have marginal space for examiners' rating, with space for duplicate number, such strip to be detached and filed in case of re-examination of papers. Mr. Jeffrey explained that at present the first examiners' numbers are on the paper, when the papers are sent for re-examination. The desire was to prevent that. Adopted.

The committee then rose, upon motion of Mr. Petrie, seconded by Mr. Clarke.

The President resumed the chair.

Mr. Jeffrey moved, seconded by Mr. D'Avignon, that supplementary report of the educational committee be adopted as amended in Committee of the Whole. Carried.

Upon the chairman calling for report of any standing or special committee, Mr. Hall stated there was a special committee appointed on motion of himself seconded by Mr. Hobart to have an agreement drawn as to professors' salaries, and called for the report.

Mr. Jeffrey stated he might be able to report, but as nearly all the correspondence was had with Mr. Clarke, he would read the report, and let Mr. Clarke give any information required.

Your committee appointed to draft an agreement between Professors Shuttleworth and Avison and the College report as follows.

At the last meeting held in August 1889 it was resolved to have the college solicitors, Messrs. Edgar & Malone, draw up an agreement between the college and the professors which was done, but when presented to the professors they refused to sign it. On the 16th of October a meeting was held in the solicitor's office, present, Slavin and Jeffrey, and it was thought better to have a personal interview with the Professors and their solicitor, Mr. Roaf, which interview took place on the afternoon of the same day, after a good deal of discussion it was decided to leave the matter of drawing up of the agreement to the solicitors. An agreement was drawn up and agreed to by the Principal but again refused by the Professors, their objection being that the wording was too indefinite.

Another meeting was held on the 12th at which were present, Messrs. Clarke, Mackenzie, Malone and Jeffrey instructions were given to Mr. Malone to draw up an agreement embodying the resolutions in Council and so on. The President refused to sign the last agreement as he said it had better be left over to the present meeting of the Council which was quite near. He produced copies of all the different agreements as far as he had been able to get them, and moved seconded by Mr. D'Avignon that the report be received.—Carried.

Moved by Mr. McKee seconded by Mr. Hall that the Council go into committee of the whole on the report of sub-committee on

FREDERICK STEARNS & CO

Established 1855—34 years.

Windsor, Ont., Detroit, Mich.
San Francisco, New York City.

MANUFACTURING PHARMACISTS,
Detroit, Mich., U.S.

We offer to the Trade full lines of the following standard Pharmaceutical Products of our own manufacture, as well as many specialties not easily classified under any of the general heads, but which are fully described in our Price Lists and Catalogues, any of which will be mailed postpaid on application.

- Fluid Extracts** (assayed).
- Solid Extracts** (assayed), soft and powdered.
- Pills and Granules**—Sugar, Gelatine and Pearl Coated, Tinned Granules.
- Positive Medicaments**—Alkometric (Dosimetric) Granules.
- Mixtures**—Wines, Tinctures (assayed), Solutions, Ointments, Cerates.
- Capsules**—Soft Elastic Filled, Hard Filled and Empty. Ointments.
- Powdered Drugs**—(Assayed and Guaranteed).
- Syrups**—Medicinal and Medicated.
- Concentrations** (Resinoids), Oleoresins.
- Concentrated Liquors**—For extemporaneous use.
- Digestive Ferments**—Pepsin Pure, Scale, Saccharated, Lactinated; Pancreatin, Pure and Sacch.
- Lozenges**—Hand-made and Compressed. Menthol Pencils and Inhalers.
- Compressed Tablets and Pills**—Hypodermic Tablets.
- Effervescent Granular Preparations**—Suppositories, Glyceroles.
- Saxettes**—Plain, Perfumed, Medicated; its preparations and combinations.
- Cascara Magnolia**—In form of Fluid and Solid Extracts, Cordial, Pills, Granules, Capsules, etc.
- Plasters**—In Roll, Porous, Court and Surgeons'.
- Soda-Water Regulators**—Fruit Juices, Soluble Essences, Flavoring Extracts, etc.
- Perfumes**—Handkerchief Extracts, Toilet Waters, Sachet Powders, etc.
- National Formulary Preparations**—Elixirs, Wines and syrups.

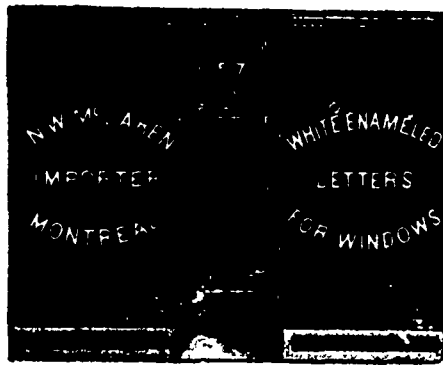
NON-SECRET MEDICINES

Were originated by us 14 years ago, and are simply ready-made prescriptions for household use, pharmaceutically prepared without secrecy or fraud. They entirely replace patent or quack medicines, with profit to the retailer and satisfaction to the consumer. They are sold in every country and colony on the face of the globe. Our ILLUSTRATED CATALOGUE No. 10 treats fully on plan, prices and terms. Free on application. In the preparation and putting up of a private formula in pillular, powder, liquid or any other form, we can do it better, cheaper and more elegantly than the retail dealer can possibly himself. Send for quotations.

SPECIALTIES

- STEARNS FINE PERFUMES**—Amorita, "4" Roses, May Blossom, Nady, Euxenia and other special odors. Finest goods made anywhere. Each 3 pints in elegant cherry show case, with rich silk curtain. Bottles have cut glass stoppers; labels etched on glass. The favorite perfumes of America. Novel, elegant advertising means supplied.
- "BROTIPYRINE"**—The great headache remedy, a positive cure. In effervescent granular form, containing Antipyrin, Caffeine and Bromides.
- AROMATIC TOOTH SOAP**—The best dentifrice made. In colored lithographed hinged-top boxes.
- "THE IDEAL INHALER"**—(Mentholized Air). For catarrh, cold in the head.
- "TONIC HYPOPHOSPHITES"**—Replaces trademarked and proprietary syrups at half the price.
- CASCARA CONSTIPATION CURE**—The "Ideal" Liquid Laxative. Tasteless but efficient.

Correspondence Solicited.



The best signs in the world. These letters do not drop off Catalogue and Price List on application to
NORMAN W. McLAREN, 57 College St., Montreal.
Toronto Agency—36½ Wellington St. W.

Fast Sellers

ALASKA CREAM

For Chapped Hands, Face, Lips, etc. In Summer for Tan, Freckles, Sunburn.

DR. OAKWOOD'S Syrup of Tar & Tulu

—FOR—
Coughs, Colds, Hoarseness, Asthma, Bronchitis, Croup, Whooping Cough, etc.

RETAIL AT 25 CENTS.
STUART W. JOHNSTON
TORONTO.

DORENWEND'S GOLDEN HAIR WASH.



The finest article in the market for producing a beautiful
GOLDEN SHADE.

Every Druggist should have it on his shelves. It can be safely recommended to customers as harmless and effective in 3, 6 and 8 oz. attractive bottles.

A. DORENWEND, Sole Mfr.
Paris Hair Works, Toronto, Can.

MORSE'S FINE FRENCH MILLED TOILET SOAPS.

Confined solely to the drug trade.
Corinne, Bouquet, Casmere Bouquet, Cold Cream and Honey, Infants Delight, 33 per cent. Glycerine.
The English Franco-American Perfumes are the finest, most delicate and lasting odours offered to the trade. We make a specialty of the following in bulk: White Rose, Jockey Club, White Heliotrope, Ess. Bouquet, Winona Bouquet, Olive Blossom, Stephanotis, Spring Lilac, Wood Violet, Lily of the Valley, White Clover and Musk.
Corinne Bouquet, 1 oz., Sprinkle Top, at \$1.25 per bottle, gives more satisfaction than any perfume in the world. JOHN TAYLOR & CO. Agents for the Dominion. Address 77 Front St. East, Toronto

HUMPHREYS' 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.

HUMPHREYS' MEDICINE COMPANY

109 FULTON ST., NEW YORK.



ADAMS & SONS,

23 CHURCH ST. - TORONTO, ONT.

Tutti Frutti, Tampico, Black Jack, Sappota, Red Rose, Magic Trick, Taffy, Licorice, Caramel, Tolu, N. Y. Gum—100 and 200 pieces; Puzzle Gum, 115 pieces, 80c.

Send for descriptive circular containing description of goods, with elegant lithographs free.



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.

Montreal :

EVANS & SONS, LTD.

GIBBONS'
Toothache Gum
(REGISTERED)

PREPARED BY
J. A. GIBBONS & CO.
DRUGGISTS, TORONTO,
AND MAY BE HAD FROM THE WHOLESALE TRADE.

Beware of Cheap and Worthless Imitations.



BRANTFORD AND PELEE ISLAND.

J. S. HAMILTON, President
OUR WINES ARE THE BEST
CATALOGUES ON APPLICATION.

J. S. Hamilton & Co.,
BRANTFORD. Solo Agents for Canada.

R. BRAYLEY.

Wrapping Papers,
Paper Bags,
TWINES,

Tags, Commercial Stationery, Blank Books, Sea
Island Twine, Bourdoir Paper Comb Bags, Tooth
Brush Bags, Seidlitz Powder Boxes, White D.D.
Paper, D. Blue Paper, etc., etc. Printing at low-
est prices.

14 Front St. West. - Toronto.

HOOPER'S INDIAN TONIC.



The Great Household Remedy for all
Diseases arising from the KIDNEYS, LIVER
and DIGESTIVE ORGANS.

This is not a new preparation, but one which
has been in use for years and has given entire
satisfaction. It has no equal for Ague and Mal-
larial Fevers, and also for purifying and enrich-
ing the blood. Write for special forms for agency to

ALEX. McDONALD,

Box 316.

STRATHROY, ONT.

O.B. MCGILL'S O.B.

Famous
Specific



Orange
Blossom

Is now being used by thousands of Physicians all over the land as the most convenient
and reliable treatment for the following Female Diseases.

Inflammation, Congestion and Falling, of the Womb, Anteversion, Retroversion and Pro-
lapsed, Dropsy of the Womb, Ulceration, Polypus, Tumors, Leucorrhœa, Pro-
fuse and Difficult Menstruation, Ovarian Tumors, Fibroid Tumors,
Inflammation and Congestion of the Ovaries, Cancers in their
Earlier Stages, Lacerations of Cervix due to Child-
Birth Radically Cured.

The O. B. treatment is simple, harmless, and works like a charm, often with the
first application removing pain from which the patient may have suffered for years.

Thousands of Ladies who have been permanently cured by its use bear testimony
to the truth of this statement. Each package contains one month's treatment.

FOR SALE BY DRUGGISTS AND PHARMACISTS EVERYWHERE.

DR. J. A. MCGILL & CO.,
Proprietors, Chicago, Ill.

Address all Canadian Correspondence to

R. S. MCGILL,
Manager Canadian Laboratory, Simcoe, Ont.

draft agreement with the Professors.—
Carried.

The President asks Mr. Waters to take
the chair.

Mr. Jeffrey stated when the first draft was
made he sent it to Mr. Shuttleworth with
instructions that as to any future reference
to this agreement he had better correspond
with Mr. Clarke, the President of the Col-
lege, as Mr. Clarke knew more of the
running of the institution than he did. The
papers produced are copies.

Mr. Hall states that while this matter is
in dispute and until it can be settled he does
not think it would be wise to show the
official correspondence between the solicitors
and the official members of the College.

Mr. Sanders states that he learns now
for the first time that there is any amount of
correspondence and he thinks any inclination
to suppress any of it is wrong and that he
thinks the fullest information possible is due
to those members of the board who know
nothing about what has been done.

Mr. Jeffrey explains that the official cor-
respondence had been rendered private by
being transferred to Mr. Clarke, so that
really there is no official correspondence.

Mr. Clarke states that there is an im-
mense amount of correspondence between
the professors and themselves. When the

Committee was appointed to draft an agree-
ment between the professors and the college,
he had urged on the chairman, and written
to him on several occasions from the 15th
August until the first draft was prepared,
and had sent suggestions to him which he
believes were presented to the other mem-
bers of the committee also, except one. He
had been informed by the Chairman of the
Committee that these were placed in the
hands of the solicitor the result being the
first draft of the agreement.

He understands that the chairman of the
committee submitted to the professors of the
College and the administrator for their con-
sideration in the latter part of September
the draft agreement, the result of which was
a letter from the Principal of the school and
also one from Prof. Avison which letters are
here.

Mr. Clarke read Prof. Shuttleworth's letter
dated 12th October, 1889, and the letter
from Dr. Avison dated 8th October, and
stated that he sent copies of these letters to
the chairman of the committee, and the
chairman of the joint committee drew up the
basis of the contract which is published in
the last Journal. He (Mr. Clarke) also sent
a copy of the letters just read to the Vice-
president of the College and to Mr. Slavin
and the chairman of the Committee on Edu-

cation. He advised calling together the committee having the duty of drafting the contract.

On October 15th, he (Mr. Clarke) received a telegram from Mr. Slavin from Ottawa that he was passing through Toronto and would be there on the 16th. In the meantime he understood Mr. Jeffrey had called a meeting of the committee or sent notices for a later date, but as Mr. Slavin was going through they didn't wish to bring him back again, so he (Mr. Clarke) came down and met Mr. Slavin, who advised that they meet the professors and their solicitors and have a conference over the matter, which was done. It was considered hardly worth while to bring Mr. D'Avignon down from Windsor for this and Mr. D'Avignon was telegraphed or written to not to come. The whole matter was gone into between the solicitors of the College and the professors who had their solicitor there, the reason for that action being a desire to arrive at some basis or understanding of what was meant by Prof. Shuttleworth's letter, but no understanding could be arrived at as Prof. Shuttleworth would admit nothing unless he had time to deliberate. Time was given for deliberation and Mr. Clarke understood that on the following Monday the professors sent word to the solicitors of the College through their solicitors that they were prepared then to go on and enter into a formal contract.

On the 22nd October Mr. Clarke received a letter from Professor Shuttleworth dated 19th, in which he says he is resolved to adhere to the resolution expressed in the last letter, and doesn't believe he is under any legal or moral obligation to sign any such document, but is willing to adhere to any expressed or implied promise made. Then stating that if he signed a contract it must be expressly understood that he did so without prejudice to any claim he may have. A copy of Professor Shuttleworth's letter was sent to the solicitors of the College.

Mr. Clarke also received a letter from Dr. Avison dated 21st October.

Dr. Avison asked leave to state that the wording in his letter was perfectly clear, was not written hurriedly and explains itself very readily. Up to the time of the receipt of the document he had no intimation from the council that there was any change in his engagement; that if any honorable body wished to make any engagement with him, or make any change in engagement, he expected at least to be notified previous to the time of renewing his services, that he could not be expected to go to the public prints of the Globe, Mail or Empire or any other paper for the statement that any agreement had been made by the council. That he had come to a certain agreement with a certain committee. He never attended a council meeting after that, and heard from no councillor after that; heard nothing at all with reference to it until the receipt of the docu-

ment; that if the council wished him to understand anything he should have been notified in the usual way that such a change had been passed upon and then he would have known what was occurring.

Mr. Hall said that it was well known that Mr. McKee had brought in a resolution, and that the Registrar was instructed to serve notices on the professors, but out of respect to the feelings of the professors no notice was served.

Mr. Clarke resuming said that he answered the letter, and that there was then held a conference between the solicitors of the college and the solicitors employed by the professors (Messrs. Roaf & Roaf) the result of which was a second draft contract prepared by the solicitors of the college. This was returned to the solicitors of the college with some slight change in wording, and it was then submitted to the professors.

This was accepted by them, or rather their solicitors wrote a letter to the solicitors of the college accepting the wording of the contract.

Mr. Sanders said he would draw attention to the fact that Mr. Shuttleworth points out in his letter six or seven instances where the contract as prepared by the solicitors of the College was in accordance with the agreement between himself and the committee, and that in his opinion the whole thing hinged upon that. He understands that the second agreement was prepared modifying the first one or differing in some manner from the first, which was an admission of the joint committee that there was something wrong in that first agreement, but he could not understand why the contract was not prepared strictly in accordance with and in precise terms of that agreement.

Mr. Clarke replied that it was left to the chairman of the committee, who took it to the solicitors of the College; they drew up the contract and sent it to the chairman, and he submitted it to the professors for approval.

On the 16th of November, 1889, he had received a letter enclosing contracts for signature from Mr. Jeffrey, and after signing the contract it was returned to the solicitors to have the professors' signatures attached.

The next he heard was in a letter from Messrs. Edgar & Malone, stating that Messrs. Shuttleworth and Avison would not sign the contract, although the solicitors had at first agreed to do so. They enclosed a copy of a letter from Messrs. Roaf, Roaf & Armstrong.

On November 22nd, in company with Messrs. Jeffrey and Mackenzie, a long interview was had with Messrs. Edgar & Malone, who stated they were unable to arrive at any conclusion or at a basis for an agreement with the professors and agreed that it was impossible to understand what the professors desired. It was suggested that prob-

ably an amicable arrangement could be arrived at by the professors of the College writing a letter embodying their understanding of the agreement.

Mr. Hall enquired whether the Council is clear that it was at the request of the professors that they were not served with a notice.

Mr. Slavin stated that they certainly expressed that wish to himself as chairman of the committee, in fact begged not to have it go in.

Though Mr. Avison was present when it was talked about and explained fully, he was not there at the time.

Mr. Clarke states that on December 3rd he received a letter from Professor Shuttleworth, a copy of which he sent to the College solicitors on the 5th of December, that on the 21st of December he had to leave Canada, and was away for some time. Shortly after his return, on the 24th of January, he received a copy of these contracts from the chairman of that committee, Mr. Jeffrey, when he replied that he would prefer that it lay over until the time of the Council meeting. The question was whether the Council would understand this agreement in the same way as the professors understand it.

Mr. Sanders thought that now they had the information before them they ought to be prepared to do something sensible. He did not know that any other college board had a binding contract in the form of indentures with their professors. It seemed that a very gross misunderstanding had existed between the parties as to the meaning of terms.

He thought it was unfair for the professors to charge the board with quibbling in their correspondence, that he was under the impression after having heard the correspondence and listening to the changes in the indentures, the modifications, which have taken place in them that the quibbling has been on the part of the committee.

Mr. Shuttleworth stated at this point that the second contract which Mr. Clarke spoke of as having been assented to by the solicitors was never submitted to him at all. That Mr. Avison had and thought it was objectionable in some respects; that he did not see Mr. Avison until the following morning; he (Shuttleworth) then went down, looked at the agreement and found that he could not sign it. That Mr. Roaf told him that he would write to Messrs. Edgar & Malone stating what had been said. That he thought that his action in the past in connection with the College and the interest which he had taken in it should show that he had the very best interests of the college at heart.

Mr. Sanders said that if the agreement which now has been partly signed and is at present waiting for signature on the part of the College authorities was in accordance

with the terms agreed to by the joint committee and the Professors that it should be signed and be done with.

Mr. Hall said (as the drawer of the resolution passed by the joint committee,) the agreement was strictly in accordance with the report made. He believed the report did not convey the intention of the Council at the time in the nature of "As at present performed by them" and looked upon this as a loop hole left to charge the College for extra services performed, if there were a dozen or half a dozen was not fair. If he saw that the Council was trying to treat him in an honorable fair manner he would be quite free to meet them, but he would not be forced in that way.

After some further discussion on this matter taken part in by Messrs. Hall, Petrie and Slaven and Professor's Shuttleworth and Avison, Mr. Petrie observed a stenographer present taking notes, and called the attention of the chair to the matter. Upon enquiry by the Registrar as to who sent him, the reporter replied that he was not aware where the notes were to be used, thereupon, after some discussion, he was requested to retire.

The discussion then proceeded, and was ended by the joint committees of Professors in Council holding a conference with the solicitor of the former in attendance, and the upshot of this conference was that all previous claims between the council and the professors were rescinded and a re-engagement was made of Professor Shuttleworth at a salary of \$1,800 payable monthly, and of Prof. D'Avignon, at a salary of \$1,000, payable monthly.

Mr. Hall, chairman of the By-laws Committee, moved the rescision of the old agreements and the inauguration of the new ones mentioned. The motion was carried unanimously.

Mr. Sanders moved that the President's letter sent to the various schools of pharmacy throughout the United States, the replies to which had been read and filed, be also filed with the replies thereto.

A discussion ensued upon this motion, as it was considered a want of confidence in the President, and on the same line with Mr Sanders' motion made at a previous session censuring the President for communicating with the American schools—"hawking around" the reputation of the Ontario School of Pharmacy. When the motion was put, the yeas and nays were called and it was found that only three voted for the motion; nine opposed.

This concluded the business of the session, and the council adjourned.

NOTE.—The cast iron agreement made in the early days between the council and Professor Shuttleworth is proving irksome to the more independent members of the council. The agreement binds the council not to help and sanction, or recognize in any way any other trade journal than the Pharmaceutical Journal.

SELECTIONS.

The combustion of one sample of smokeless powder produces such an overpowering stench that it sickens persons compelled to be in the vicinity. In other cases the results are so uncertain that the practical utility of the invention is a matter of serious doubt. If it is discovered that practical and permanent results are likely to be the outcome, tests and investigations will be carried on indefinitely, until the merits or demerits of the invention have been developed.

For preserving essential oils, Chas A. McDonald, in the Pharmaceutical Era, offers the following suggestions as the result of his practical experience with such oils as easily oxidize, and acquire the odor of turpentine, especially the oils of orange (sweet) and lemon. He says: This can be prevented by the addition of glycerin, sufficient to form a layer of about an inch at the bottom of the bottle, and then inverting the bottle, being careful not to mix. I have kept oils of orange and lemon in this way for months, at the end of this time they showing no signs of oxidation, being just as fresh as when first bought.

SACCHARIN AS AN ANTISEPTIC.—Saccharin is reported to be a valuable antiseptic. A strength of 1 to 500, as an addition to mucilaginous and other solutions, prevents the formation of low organisms. Thus a valuable, inexpensive dentifrice may be prepared by simply dissolving saccharin in water, to the proportion of 6 per cent. A teaspoonful of this in a half-pint of water forms an admirable antiseptic mouth wash. In cases of malignant or other diseases of the stomach, requiring the washing out of that organ, a solution of saccharin of the strength of 2 per cent. will be found very suitable.—Boston M. E. S. Journal.

Ointments are often ordered containing powdered bodies, such as oxide of zinc, or tannin, together with liquids, as, for instance, carbolic acid or essential oils. Were it attempted to mix the powders and liquids first, before addition of the fatty base, unmanageable agglutination would occur. The correct method of procedure, according to R. Rother, consists in properly compounding the powder with a portion of the medium, then adding the liquid, and finally the remainder of the fatty vehicle. When alkaloidal salts and tannin are similarly prescribed in connection with fats or viscid fluids, it becomes necessary to merge each powder separately with part of the medium previous to their conjoint incorporation.

In Holland, there is no actual apprenticeship and no curriculum. De. Vrij says: "In a free country like ours there is no curriculum. The future pharmacist is at liberty to take the prescribed knowledge where he pleases and in a time agreeable to him."

However, four examinations are prescribed. One elementary examination, where Dutch, French, German and Latin are required; the second and third examinations are more of a theoretical examination in pharmaceutical science; the fourth examination is more of practical nature and requires preparation of chemical compounds, etc. There is also a modified examination for assistant pharmacist, which is passed by female applicants.

In America, great anarchy prevails. There is no legal apprenticeship. At the age of sixteen boys enter a drug store, and have to do bottle cleaning and errands. In order to have a right to open up a business of his own, a young man must have acquired practical experiences by a two years' stay in a drug store, and a subsequent examination of a more practical than scientific character.

In Canada, no time for apprenticeship is determined, no more than in America, yet most young men spend three years for the purpose in some drug stores. A preliminary examination in English, French and Latin is necessary to confer the qualification as an official apprentice. After three years' apprenticeship, an examination for assistant can be passed; but for independent management of a pharmacy, various studies in institutions and a final examination are required.—Indiana Pharmacist.

The above is taken from the Indiana Pharmacist, but our contemporary is in error in regard to Canada. Section 11 of the Amended Pharmacy Act of 1884 for Ontario reads: "Subject to the rules, regulations and by-laws of the Ontario College of Pharmacy the following persons, and no others, may be admitted as candidates for certificates of competency:—

(a) Any person who shall furnish to the Council of the College satisfactory evidence of having, in pursuance of a binding contract in writing for that purpose, served as an apprentice to a regularly qualified pharmaceutical chemist for term of not less than four years, and who has attended two courses of lectures, the first in any college of pharmacy or school of medicine approved by the Council and the second or senior course at the Ontario College of Pharmacy (such courses to comprise the following subjects, namely, pharmacy, chemistry, materia medica, botany and reading and dispensing prescriptions) and who shall have attained the age of 21 years.

From a report issued by the Linnæan Society, it appears that quillaia bark is to be used for the purpose of ensuring the safe transport on long voyages of hydrocarbon oils and benzoline. The bark solidifies these substances, which may be straightway made liquid again by a small infusion of citric acid.

Business for Sale.

DRUG BUSINESS in Village of a thousand. No opposition. Sales ten to twelve daily. Terms cash. Box office, CANADIAN DRUGGIST, 6 Wellington St. West, Toronto.

ONTARIO COLLEGE OF PHARMACY.

State Boards of Pharmacy.

The following additional correspondence from the Boards of Pharmacy, etc., have been forwarded to us by Mr. J. A. Clark.

A perusal of them shows that our Pharmacy Act, as it now stands, is receiving some attention from leading pharmaceutical bodies in the United States:—

State of Illinois Board of Pharmacy,
Springfield, Jan. 23rd, 1890.

MY DEAR SIR,—In reply to your communication of October 1 am directed to say: The Illinois Board of Pharmacy will grant registration to applicants holding diplomas from your college dated since the amendments to your law took effect, provided such applicants fully comply with the requirements of our law. With high regards, I am sir,

Very sincerely,

CHARLES W. DAY.

President State Board of Pharmacy.

American Pharmaceutical Association Section of Commercial Interests,

South Bend, Ind., Dec. 23rd, 1889.

Mr. John A. Clark,

President Ontario College of Pharmacy,
Hamilton, Ont.

DEAR SIR,—Will you have the kindness to favor me with two copies of the new Pharmacy Law just enforced in your State.

We have been trying to get legislation in our State for many years but have always met with opposition from the small towns and the jobbing interests, and understand your law obviates these objections. Awaiting your favor, which I shall be glad to reciprocate at any time,

LEO ELICE,

Chairman of Section on Commercial Interests, A.P.A.

Chicago, U.S.A., Jan. 3rd, 1890.

Mr. A. Clark,

President Ontario College of Pharmacy,
Hamilton, Ont.

DEAR SIR,—Having heard of your recently enacted Pharmacy Legislation, and being much interested in and favorably impressed with its reported provisions, I desire to ask you to kindly send me a copy of the Bill.

Should opportunity afford would be glad to receive any further information concerning it for the Western Druggist.

I am, with great respect,

C. S. HALLBERG,

Editor W. D.

Mr. Thos. Gibbard, for years traveller for Evans & Sons, has engaged with Lyman, Son & Co., Montreal, and will represent that firm in the West.

BUSINESS NOTICES.

McGibbons' Toothache Gum is rapidly pushing its way into public favor. Such an article cannot fail to have a ready sale, and the proprietors guarantee satisfaction.

Read the London Drug Co.'s announcement of new arrivals. This enterprising firm keeps well apace with the times, and can supply everything required in the drug line.

McGill's Orange Blossom, advertised elsewhere in this issue, can now be obtained through the Canadian agency, established in Simcoe, Ont. This preparation is very popular across the border and bids fair to be in good demand in Canada.

Hooper's Indian Tonic is having a steadily increasing sale throughout Ontario, and the proprietor declares his intention of "pushing" it in all the provinces. Neatly put up, a reliable preparation and affording a good profit, it cannot fail to be a leading seller. Read advertisement and write for special terms of agency.

Nothing, at this season, and during the prevalence of the existing epidemic of influenza, should be more saleable than chest and lung protectors. A very fine line of these goods is now offered by the Smith & McGlashan Co., of 53 Front street east, Toronto, who are agents for Vincent Hood's medicated pine wood goods. They also carry full lines of silk elastic hosiery, abdominal supporters, etc. Drop them a line asking for prices.

We desire to draw the attention of the trade to the advertisement of James W. Tufts, Boston, Mass., manufacturer of the Arctic and Siberian Soda Water Fountain. The soda water business is increasing in importance each season, and those of our readers who may desire to purchase apparatus, exchange their old fountains for new ones, or require any addition or improvements had better consult Mr. Tufts or have his Canadian agent call upon them. Mr. Charles L. Newell, of Paris, Ont., is their representative here, and he will be only too happy to call and advise with you. He will allow liberally for the old, worn out fountains, and the terms of payment are so easy that any one can purchase a good outfit at a small cash outlay. Dispensing soda water is one of the most profitable parts of our business, but to succeed it is essential that we have a fountain with the modern improvements. Drop a line to the Canadian agent and he will call and have a chat with you.

Market Report.

Trade during the past month has been particularly good for this time of the year, due largely to the spread of la grippe, but the demand has not only been for specifics,

but for a general line of drugs. It is said it is an ill wind that blows no one good, and certainly the druggists have been reaping a harvest.

Antipyrin soon disappeared from the market, and those druggists that held a stock got as high as \$2.50 and \$3.00 per oz. from their less fortunate brothers.

Phenacetine, antifibrine, etc., are in large demand at high prices.

Camphor is very scarce and dear, and as the arrivals of crude are small no material change is likely for some time.

Glycerine is firm and rather higher. A further advance is expected.

Menthol crystals scarce and high.

Opium continues to advance. The crop prospects are bad, nearly all the autumn sewing being a failure. There are varieties in the market we know nothing about here, viz., Baloukesar, Salonica (this is generally mixed), Green Leaf, Druggists' and Persian.

Quinine—The demand has been large owing to the influenza, and an advance has taken place.

Ergot—Higher prices probable.

Morphia is higher with prospects of a further advance.

Higher—Ambergris, camphor, glycerine, menthol, opium, rad ipecac, jalap, sud colchici, quinine, mercurials.

Lower—Acid oxalic, acid tartaric, cort aurant, cort lunonis, oil anise.

Books, Pamphlets, etc.

The report of the North Dakota Board of Pharmacy to hand, containing the yearly report and also by-laws and regulations of the Board, also a copy of the prohibiting liquor law which goes into effect there July 1st, 1890, and which latter is so worded in relation to druggists that the Registered Pharmacist very aptly says:—"When a true druggist gets to a point where he can comply with all the requirements of the Dakota law and satisfy his conscience he should be presented with a pair of wings and a harp and started for other realms."

We have to acknowledge the receipt of handsome calendars from Parke, Davis & Co. and Frederick Stearns & Co., Detroit, and Kenneth Campbell & Co., Montreal.

Do you want to Sell your Drug Business?

If so, put an advertisement of a few lines in this journal, and it cannot fail to meet the eye of those most likely to buy. The charge for this class of advertising is only nominal, being ONE CENT PER WORD for each insertion, and this, bear in mind, reaches all druggists in Canada from Halifax to Vancouver.

Advertisements of situations vacant, situations wanted, business chances, etc., are inserted at this rate, under their respective headings.

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.

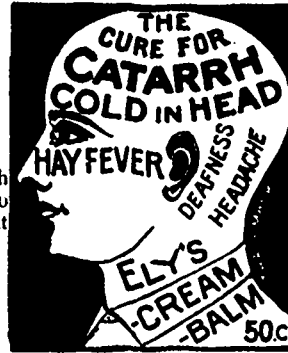
ELY'S CREAM BALM is soothing, excites no dread, dissolves the hardened accumulations, lessens the extreme sensibility of the membrane to cold and all external irritants, and is followed by no reaction whatever.

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



G. C. BRIGGS & SONS

25 King St. West,
Hamilton, - Ont.

SPECIALTIES:

- Briggs' Black Oil
- Briggs' Life Pills
- Briggs' Magic Relief
- Briggs' Botanic Bitters
- Hope's Anodyne Toothache Drops
- Lamont's Baby Cordial
- Leistershire Tiek and Vermin Destroyer
- Star Cement
- Poleg White's Stoking Salvo
- Wade's Condition Powders
- Clark's Magneto Ointment
- Prof. Kennedy's Combination Pills
- Wistlar's Pulmonic Syrup
- Sitzer's Worm Candy
- Sitzer's Worm Syrup
- Kennedy's Founder and Hoof Ointment
- Golden Eye Salvo
- Clark's Femalo Pills
- Templo's Harness Dressing Oil
- Oriental Confections
- Shoo Fly Fly Poison

THE WINGATE CHEMICAL CO.,

B. E. MCGALE, Manager.

Cor. Notre Dame and Maple ave., Montreal

PROPRIETORS OF

- Smith's Green Mountain Renovator
- Stanton's Pain Relief
- Wingate's Pulmonic Troches
- Wingate's Dyspepsia Tablets, Lozenges
- Wingate's Cavalry Condition Powders
- Wingate's Medicated Glycerine
- McGale's Sprucino
- Dr. Coderro's Infant's Syrup
- Gregory's Toothache Cure
- McGale's Butternut Pills

NEW MACHINERY

FOR

RUBBER STAMP MAKING.

The increase in our business in the above line the past few months has prompted us to add new and improved machinery to our works, and our customers can now rely upon getting goods PROMPTLY and of the BEST QUALITY PROCURABLE. The dies are all made by the IMPROVED STEAM PROCESS, which is the best in use.

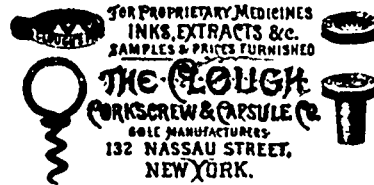
NO CATALOGUES. WRITE FOR JUST WHAT YOU WANT.

G. M. HALDANE,
Box 27. **STRATHROY, ONT.**



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.

Address the ALBERT TOILET SOAP CO., Montreal, for Price List.



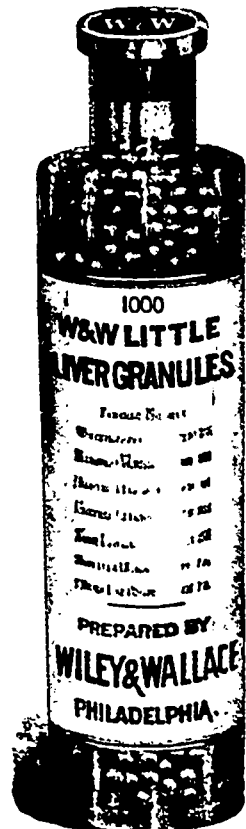
MAJOR'S CEMENT.

Established 1876.



MAJOR'S Leather Cement, Rubber Cement, Best Liquid Glue. Advertising matter sent by mail to dealers who handle my goods on application. I also furnish a handsome sign for inside and a stand for outside use. Also a large Thermometer, 4 1/2 by 2 1/2 inches. Send for Terms. A. MAJOR, Proprietor, 232 William St., New York City. **KERRY, WATSON & CO.,** Wholesale Druggists, Agents for the Dominion of Canada, Montreal, P.Q.

W. & W. LITTLE LIVER GRANULES.



Sugar-Coated, White or Pink. Plain or Gelatine Coated.
SMALL. PLEASANT. PROMPT. EFFECTIVE.
1 gross in glass, 50 in each, \$10.00 } Buyer's Address.
5,000 (one bottle), \$4.25, 10,000 (one bottle), \$8.00 }
1 gross in glass, 40 in each, \$8.50 }
1 gross in glass, 30 in each, \$7.00 }

FORMULA.

Aloin, 1-10 gr.; Jalapin, 1-10 gr.; Podophylin, 1-10 gr.; Ext. Hyoscyamus, 1-20 gr.; Ext. Nux Vom., 1-20 gr.; Oleo-Illus. Capsici, 1-25 gr.

Which has had a run of 27 Years of the Greatest Success in the Old Country

FOR HORSES, CATTLE, SHEEP,



PIGS, POULTRY AND GAME.

Address - 18 KING STREET EAST, - TORONTO.
PURCHASE AGENTS WANTED.

THE HARRY LEWIS



DOG SOAP.

A first-class article in triple wrapper (tin foil)
Money can be made by keeping this in stock.
Address The Amherst Manufacturing Company,
Montreal, for Price List and Sample.

Advertisements

-OF-

Assistants Wanted, etc.

INSERTED IN THE

"CANADIAN DRUGGIST"

-AT-

1c. per word.

WM. J. DYAS,

Chemist and Druggist,

MAIN ST.

FRONT ST.

Petrolea, - Ont. | Strathroy, - Ont.

PUBLISHER OF THE

"Canadian Druggist."

Wholesale Agent for Duffield Lamps and Supplies

DO NOT



LOSE a Sale

Stock up with **DIAMOND TEA**

The great Blood, Liver and Kidney Regulator, which is having a rapidly increasing sale, and is being extensively advertised. The druggists having the stock on hand when called for, will secure the trade. \$1.75 PER DOZEN.

W. D. Edwards, London, Ont.
GENERAL AGENT FOR CANADA.

STANDARD SHOW-CASE WORKS

—MANUFACTURERS OF:—



SHOW-CASES

In METAL, WALNUT, OAK, CHERRY and MAHOGANY.
You will save money by sending for our prices before buying
WINDSOR, ONT.

FORMULÆ.

COD-LIVER OIL JELLY.

Gelatine	- - - - -	oz.
Water	- - - - -	15 "

Soak the gelatine in the water over night, add 10 oz. of syrup, and melt by the heat of a water-bath. Then pour into a mortar containing

Cod-liver Oil	- - - - -	25 oz.
Chloroform	- - - - -	20 minims.
Oil of Cinnamon	- - - - -	5 "
" bitter almonds	- - - - -	3 "

Stir until the fluids assume a uniform appearance, and pour into bottles before cooling.—Chemist and Druggist.

PILE OINTMENT.

The following combination has, according to the American Druggist, been found extremely beneficial in most cases of non-bleeding hemorrhoids :—

Yellow wax	- - - - -	8 oz.
Resin	- - - - -	4 "
Lard	- - - - -	12 "
Camphor	- - - - -	1 "
Oleate of morphine, 10 per cent	- - - - -	½ "
Oil of Sassafras	- - - - -	2 "

Melt together the yellow wax, resin and lard, add the camphor, and stir until it is dissolved. Then cover the vessel, and when the contents have partially cooled add the oleate of morphine and oil of sassafras. Stir until cold.

ARNICA JELLY.

This is useful for sprains, chilblains, and generally for all purposes that arnica tincture is used for externally.

Wheaten starch	- - - - -	1 oz.
Distilled water	- - - - -	1 ½ "
Solution of potash	- - - - -	½ "
Glycerine	- - - - -	10 "
Tincture of arnica	- - - - -	1 ½ "

Mix the starch with the potash solution and the water, add the glycerine, and heat, with constant stirring, until a clear jelly is formed, then add the arnica tincture.

COLORLESS IODINE OINTMENT.

Take of

Iodine	- - - - -	20 grains.
Potassa Iod.	- - - - -	4 "
Aqua	- - - - -	6 minims.
Lard	- - - - -	1 oz.
Sodii Sulphite, about	- - - - -	40 grains.

Rub iodine and iodide potash with water; gradually add the sulphite of soda till free from color; then add lard and mix thoroughly.

PROPHYLACTIC HAIR WASH.

Take of

Spirit of ether	- - - - -	1 ½ fl ounce.
Tincture of benzoïn	- - - - -	1 ½ to 2 "
Vanilin	- - - - -	1 minim.
Heliotropin	- - - - -	3 "
Geranium oil	- - - - -	1 "

M. Sig. For hair wash. Keep well-corked and do not expose to flame, as the mixture is highly inflammable.—Therap Monat.

BLEACHING DENTIFRICE.

Take of
Cuttle-fish bone, powd.
Peroxide of Hydrogen, 4 per cent. each q.s.
Mix the cuttle-fish bone with the peroxide to a stiff paste, and use this for brushing and rubbing the teeth.—A. Gawalowski.

DISINFECTANT FUMIGATING PASTILLES
for burning in rooms recently occupied by patients with contagious diseases (through Pharm. Post from a Russian journal) :

Take of

Beeswax	- - - - -	50 parts.
Sulphur	- - - - -	20 "
Nitrate of potassium	- - - - -	10 "
Charcoal	- - - - -	10 "
Plaster of Paris	- - - - -	1 "
Flour paste	- - - - -	10 "

Work into a mass, divide into pastilles of convenient size and dry.

CUCUMBER CREAM.

White wax, 1 oz. avoird; spermacetic, 1 oz. avoird; benzoïnated lard, sufficient to make 1 lb. avoird; six fair-sized cucumbers (those which have not become quite green appear to possess most flavor), peeled and cut in slices; borax, sufficient quantity. Melt the wax and spermacetic; add lard and cool; add cucumbers; mix well; then 160 grains borax; mix intimately; allow to stand ten hours; melt over water-bath at slowly increased heat; when melted strain through cheese-cloth to separate cucumbers; place upon ice at once; when solidified pour water from underneath, and after separation of water incorporate 160 grains more of borax. The borax develops more odour and tends to prevent decomposition of the juice while macerating, besides adding to the healing qualities of the ointment. It should not stand longer than the ten hours, for fear of fermentation starting, which would spoil the cream. More heat than is actually necessary should not be applied, for it tends to drive off some of the odour.—A. Zimmerman in the Pharmaceutical Record.

TRADE NOTES.

A new drug store is opening at Thornton, Ont.

C. L. Casselman, of Chesterville, Ont., is asking a compromise with his creditors.

Bristles have advanced 40 per cent. Consequently all brushes will be higher.

Dr. Birdsall has opened a drug store at Delhi, Ont.

W. E. Ghistle, of Glassville, N.B., has moved his drug business to Hartland, N.B.

W. J. Dyas has sold his branch store at Petrolea to Charles Lewis, who has managed the business since it was opened.

C. Loonen, brush manufacturer, of Paris, reports his factory about closed owing to "la grippe." Over 600 of his workmen sick.

The stock of F. M. Gowans & Co., drug-

gists, Cobourg, Ont., was damaged by fire in January.

Amongst the visitors from Manitoba and North-west during the past month were Mr. Dawson, of Dawson & Bole, wholesale druggists, of Regina, and G. W. McLaren, of Morden, Man.

W. T. Barkwell, London, Ont., has purchased the Wellington street drug store from the estate of the late G. W. Harkness. This makes three stores Mr. Barkwell is running in that city.

Mrs. Scoon, relict of the late John A. Scoon, druggist, Parkhill, Ont., died on 13th January. The business, which has been carried on in the widow's name since her husband's death, will now be sold.

H. L. Hausseman, a graduate of the Ontario College of Pharmacy, and who is now president of the North Dakota Board, leaves shortly to engage in the drug business in Central America.

The Chemist and Druggist in a late issue says that "E. B. Hemmingway, druggist and private banker, of Whitney's Point, Ont., has disappeared and is a defaulter to the extent of \$75,000." There is no Whitney's Point in Ontario. This should have been Whitney's Point, New York, where Mr. Hemmingway was in business.

Pharmacy in British Columbia.

A meeting of the druggists of British Columbia was held on January 28th, in the office of Messrs. Langley & Co., Victoria, representatives of Vancouver, Westminster, and Nanaimo being present. The object was to take steps to have a Pharmacy Act passed during the sitting of the Provincial Parliament, which is at present in session. A bill was prepared a year ago and an attempt made to pass it, but unfortunately without success. The same bill was revised at this meeting, and a committee appointed consisting of Messrs. T. Sholtbolt, T. M. Henderson and D.E. Campbell, of Victoria; H. McDowell, Vancouver; D. S. Curtis, of Westminster; E. Pinbury, of Nanaimo, and Dr. Clarke, of Kamloops, to take the steps necessary to the furtherance of the objects of the meeting.

TO THE DRUG TRADE

We will be glad to give quotations for Compressing Special Formulæ of Lozenges, Triturates, Hypodermics, and Pills in quantities; and also for Sugar Coating and for Special Formulæ Elixirs, Syrups, Fluid Extracts, etc. Price Lists and other printed matter and samples will be sent by mail on application.

DAVIS & LAWRENCE CO., Limited,

MONTREAL,

General Agents for the Dominion of Canada for

WYETH'S SPECIALTIES.

Acetanilid (Antifebrin).

Previous to the time when antifebrin was first brought to the notice of the medical profession and came into general use, the writer had considerable experience in its manufacture, and thought it might be of interest, and perhaps profit, to the readers of the Drug Store, to know something of the process by which it may readily be made. Although a rather complex organic compound, its manufacture is comparatively easy, and has long been used as a means of obtaining chemically pure aniline. Aniline is the amido, derivative of benzole (coal tar benzene), and is obtained from benzole by first forming the nitroxy derivative by treating with nitric acid, and then treating the nitrobenzole (known commercially as myrbane oil) with nascent hydrogen, when the aniline is formed, and may be purified by distillation.

For the manufacture of acetanilid as pure aniline as possible should be obtained, and as it is now a cheap article of commerce, no difficulty will be found in doing so. Equal volumes of pure aniline (boiling point 180° to 185° C.) and glacial acetic acid should be mixed in a suitable retort or ordinary chemical flask, connected with an inverted cooler so that the vaporized acetic acid may be condensed and run back into the flask. The mixture should then be boiled until it forms a solid mass on cooling, which will require

some time, generally from one to two days. After sufficient boiling the cooler may be lowered, and the water and uncombined acetic acid and aniline distilled off. Continue to heat to 120° C., and then, to avoid breakage, transfer the acetanilid remaining in flask to a copper still and distill. That portion which comes over below 280° C., will not completely solidify, but the most of it will come over from 230° C. to 290° C., and will form on cooling a very solid mass which may even be powdered. This is yellowish in color and has a waxy appearance. It is then purified farther by crystallization from water, when it forms the small white crystals, almost in powder, the form in which we are familiar with it as the commercial antifebrin.

It is very sparingly soluble in hot water (only one part in 180 parts of water) and scarcely at all soluble in cold, so that it is very readily deposited on cooling a saturated solution. It may also be crystallized from alcohol, when it forms larger pearley crystals, or it may be sublimed, forming a beautiful pearly white sublimate.—Drug Store.

Some New Drugs.

NAREGAMIA ALATA.—This new drug, described for the first time by Hooker, has for some time been largely employed in the General Hospital in Vienna. The active

principle was discovered by Hooker, and by him named naregamine. It is an alkaloid which forms crystallized salts, with sulphuric, nitric, and hydrochloric acids. In addition to this alkaloid the bark of the rhizome contains wax, gum, asparagine, starch, but no tannin.

The natives on the coast of Malabar, where this plant is indigenous, employ it as an emetic, and as a remedy in bilious conditions, rheumatism and digestive disorders. It has likewise been recommended in dysentery and in bronchial catarrh. In the General Hospital at Vienna this remedy is employed under the form of a fluid extract, or it may be given in the form of pills or of tincture. The dose of the fluid extract is stated to be from 30 to 50 drops, in water flavored with laurel water.

XANTHOXYLON SENEGALENSE (artar-root) —Giacose and Soave have found four alkaloids in the bark of this plant, one of which, artarine, closely resembles berberine in constitution.—Les Nouveaux Remedes, July 24, 1889.

You can always trace a registered letter, and a copying-press for letters is a sensible investment, if used.

Advertisements under the following headings will be charged for at the rate of ONE CENT PER WORD FOR EACH INSERTION.—Situations Vacant, Business Wanted, Goods for Exchange, Situations Wanted, Business for Sale, Miscellaneous.

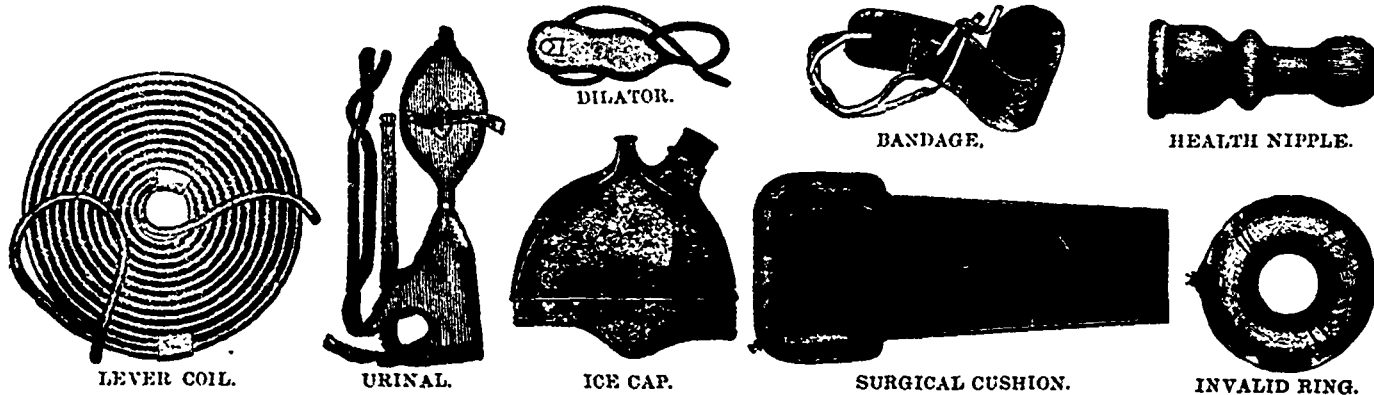
DRUGGISTS' RUBBER SUNDRIES.

HOSE, BELTING, PACKING,

MECHANICAL RUBBER GOODS.

Fine English Waterproof Clothing.

Sportsmen's Goods, Fire Dept. Supplies. Mats and Matting. The most Complete Stock in the Dominion.



Bulb, Fountain, and Hard Rubber Syringes. Atomizers (a full line). Hot Water Bottles. Face Bags, Ice Bags, Ice or Water Caps. Air Cushions, Air and Water Beds. Surgical Cushions (Howard Kelly's). Bath Tubs, Life Preservers. Soft and Hard Rubber Urinals. Dilators, Catheters, Fever Coils, Invalid Rings. Sheeting. Elastic Stockings, Bandages, Finger Cots, Bibs, Nipples, Breast Pumps, Teething Rings, Gas Bags, Tubing, Stopples, Elastic Bands, Brushes, etc., etc.

Our new Catalogue of 240 pages, one of the most complete ever published in our line, has just been issued.

TORONTO RUBBER CO. OF CANADA,
28 KING ST. WEST, TORONTO.

T. McILROY, JR., & CO.,
P. O. BOX, 476.

ARCHDALE WILSON & Co.

Wholesale Druggists, Manufacturing Chemists and Pharmacists.

OUR STOCK OF STAPLE DRUGS, CHEMICALS AND DRUG SUNDRIES
IS NOW LARGER AND MORE COMPLETE THAN EVER.

SPECIALTIES.—Sponges in great variety. C. N. & C. English Confectionery (Several Novelties on Hand), Whitaker & Grossmith's Old English Soaps and Perfumes. Anglo-French Sachet Powders. Chamois Vests.

ARCHDALE WILSON & CO., HAMILTON.

CANADIAN DRUGGIST PRICES CURRENT. CORRECTED TO FEB'Y. 10, 1890.

The quotations given represent average prices for quantities usually purchased by Retail Dealers. Larger parcels may be obtained at lower figures, but quantities smaller than those named will command an advance.

ACID, Acetic	lb.	\$0 12½	\$0 15	Rub.....	"	50	1 00	Sarsa. Hond. Co. . . .	"	1 00	1 20
Arsenic	"	26	27	Elin, selected	"	16	18	" Jam Co.....	"	3 00	3 35
Benzoic, English, (from benzoin).....	oz.	25	30	Ground	"	18	20	Taraxacum, Ang.....	"	70	80
Boric	lb.	25	30	Flour, packets	"	28	30	FLOWERS, arnica	"	22	25
Carbolic, Crystals, super	"	1 35	2 15	Orange Peel, bitter ..	"	16	70	Chamomile	"	35	40
Commercial.....	"	50	70	Soap, Quillaya.....	"	14	18	FLOWERS, Lavender ..	"	7	12
Citric	"	65	70	Sassafras	"	12	15	" Rose, red, French....	"	2 40	2 60
Gallic	"	1 45	1 80	Wild Cherry	"	10	12	GALLS, powdered	"	25	30
Hydrocyanic.....	oz.	10	12½	BEAN, Tonka	"	1 25	2 50	GELATINE, Cox's Gd ..	doz.	1 20	1 25
Hydrobromic, dil....	"	30	45	Vanilla	"	7 00	9 00	" French.....	lb.	45	60
Lactic, concentrated. lb.	3 50	4 00		BERRY, Cubeb.....	"	2 50	2 75	GLYCERINE, 30° ..	tin or "	70	80
Muriatic	"	3½	6	Powdered.....	"	2 60	2 80	" Price's	"	70	80
chem. pure	"	20	22	Juniper	"	13	15	GREEN, Paris.....	"	20	22
Nitric.....	"	11	18	BISMUTH, sub-carbonate	"	3 00	3 10	GUM, Aloes, Barb	"	30	35
chem. pure.....	"	25	30	Sub-nitrate	"	2 50	2 60	" Aloes, Cape	"	20	25
Oxalic	"	15	16	Liquor	"	35	40	" Socot	"	45	50
Phosphoric, glacial..	"	1 55	1 90	BORAX	"	12	13	Powdered.....	"	70	75
dilute.....	"	17	25	Powdered.....	"	13	15	Arabic, select	"	1 00	1 10
Salicylic	"	2 00	2 50	BUTTER, Cacao.....	"	75	80	" " powder.....	"	1 10	1 20
Sulphuric.....	"	2½	5	CAMPHOR, English....	"	60	65	Sorts.....	"	75	80
chem. pure.....	"	19	22	American	"	55	60	" powdered	"	85	90
Aromatic	"	50	60	CANTHARIDES.....	"	2 00	2 25	Assafetida	"	21	28
Tannic.....	"	1 10	1 40	Powdered.....	"	2 10	2 25	Benzoin	"	50	90
Tartaric, powdered...	"	50	55	CAPSICUM.....	"	25	32	Catechu	"	14	16
ALCOHOL, pure, 65 o. p.				Powdered.....	"	30	40	Gamboge	"	1 20	1 30
By bbl., net.....	gal.	3 28		CARBON, bisulphide....	"	17	20	Guaiacum	"	60	90
By gal.....	"	3 60		CHALK, French, powd.	"	6	10	Myrrh	"	48	85
ALLSPICE	lb.	13	15	Precipitated	"	10	12	Opium	"	4 50	4 60
Powdered.....	"		20	Prepared.....	"	5	6	" Powdered.....	"	6 00	6 25
ALUM	"	1½	3	CHLOROFORM, pure....	"	1 10	1 20	Scammony, powdered	"	6 25	7 00
AMMONIA, liquor, 880...	"	13	18	D. & F.	"	1 75	1 90	" Virg.....	"	12 50	14 00
Aromatic Spirits.....	"	40	45	German.....	"	65	75	Shellac, orange	"	35	40
Bromide	"	75	80	CHLORAL, hydrate	"	1 35	1 60	" Liver	"	30	35
Carbonate	"	12	15	CINCHONINE, muriate... oz.		15	20	Storax.....	"	55	65
Iodide	oz.	50	60	Sulphate.....	"	20	25	Tragacanth, flake....	"	75	1 00
Muriate	lb.	12	14	CINCHONIDIA, sulphate.	"	15	25	" Common.....	"	25	65
ANNATTO	"	30	35	CLOVES	lb.	35	40	HERB, Boneset.....	lb.	15	20
ANTIMONY, black, powd	"	13	20	" Powdered.....	"	40	43	Goldthread	"	60	75
and potas, tart.....	"	55	60	COCHINEAL, S.G.	"	40	45	Horehound	"	18	20
ARROWROOT, Bermuda.	"	45	50	COCAINE, mur.....	oz.	6 00	7 00	Lobelia	"	18	20
Jamaica	"	14	32	COLLODION.....	lb.	75	90	HONEY	"	15	20
ARSENIC, Donovan's solution	"	30	33	CONFECTION, senna ..	"	25	50	HOPS	"	30	40
Fowler's solution ..	"	12½	15	COPPER, sulphate	"	8	9	ICHTHYOL	"	45	50
White	"	6½	8	COPPERAS	"	1½	2½	INDIGO, Madras	"	75	90
BALSAM, Canada	"	45	50	CREAM TARTAR, powd.	"	30	32	INSECT POWDER, pure..	"	50	55
Copaiva	"	90	1 10	CREOSOTE, wood.....	"	2 00	2 30	IODINE, commercial ..	"	5 00	5 50
Peru.....	"	2 50	2 75	CUDBEAR	"	18	30	" Resublimed.....	"	5 50	6 00
Tolu	"	65	70	CUTTLE-FISH BONE ..	lb.	30	35	IRON, carbonate, pre-	"		
BARK, Bayberry, powd.	"	18	20	DEXTRIN	"	10	12	" cipitated	"	15	20
Canella Alba.....	"	13	10	EPSOM SALTS	bbl.	1½	2	" Saccharated	"	35	40
Cassia	"	18	22	ERGOT	lb.	90	1 00	" Chloride, solution, BP	"	15	18
Ground.....	"	25	30	ETHER, acetic.....	"	75	80	" Citrate and Am-	"		
Cinchona, red.....	"	50	2 40	" Nitrous, spirits ..	"	50	55	" monium.....	"	75	80
Powdered	"	60	2 50	Sulphuric, 720.....	"	35	75	" Citrate and Quinine .	oz.	20	40
Calisaya, yellow	"	1 00	1 40	EXTRACT, Belladonna ..	"	1 75	3 25	" " Strychnine ..	"	15	20
Pale	"	90	1 00	" Colocynth, Co	"	1 25	1 75	" Dialyzed, solution ..	lb.	50	75
				Gentian	"	50	60	" Iodide, syrup	"	40	45
				Hemlock, Ang.....	"	1 00	1 10	" Pyrophosphate	"	1 00	1 00
				Henbane	"	2 75	3 00	" Sulphate, pure.....	"	7	8
				Jalap.....	"	2 50	3 00	IODIFORM	"	6 00	7 00
				Logwood, bulk.....	"	13	15	JAPONICA	"	8	9
				" packages ..	"	15	18	LEAD, Acetate, white..	"	13	15
				Mandrake.....	"	1 75	2 00	" Sub-Acetate, sol....	"	10	12
				Nux Vomica	oz.	20	30	LEAF, Belladonna	"	25	30
				Opium	"	80	85	" Buchu.....	"	18	20
				Rhubarb.....	lb.	4 00	5 00	" Coca	"	75	90

Digitalis.....	"	25	30	Origanum ..	"	60	75	Powdered.....	"	14	15
Eucalyptus ..	"	25	35	Pennyroyal ..	"	1 75	1 90	Mandrake.....	"	16	18
Hyoscyamus ..	"	25	30	Peppermint, English.	"	11 00	12 00	Orris, Florentine.....	"	17	20
Jaborandi ..	"	50	60	American.....	"	3 50	3 75	Powdered.....	"	24	26
Matico ..	"	75	80	Rose, Kissantlik.....	oz.	9 00	14 00	Pink ..	"	90	95
Sonna, Alexandria...	"	25	30	Good.....	"	6 25	8 50	Rhubarb.....	"	35	90
Tinnovely.....	"	15	25	Rosemary ..	lb.	70	75	Fine trimmed.....	"	2 40	4 50
India ..	"	15	17	Sandalwood ..	"	5 50	8 00	Powdered.....	"	60	2 25
Stramonium ..	"	25	30	Sassafras ..	"	65	75	Sarsaparilla, Hon-			
Uva Ursi ..	"	15	17	Seal, pale ..	gal.	55	60	duras.....	"	50	53
LYPTANDRIN.....	oz.	50	60	Sperm, winter bleach.	"	2 00	2 10	Jamaica ..	"	60	65
LIME, Chloride ..	lb.	3 1/4	4 1/4	Tansy ..	lb.	4 25	4 50	Mexican.....	"	20	25
Packages ..	"	6	7	Union Salad ..	gal.	1 10	1 15	Soneka.....	"	75	85
Hypophosphite ..	"	1 50	2 00	Wintergreen ..	lb.	3 00	3 25	Squill, white.....	"	15	20
Phospho ..	"	35	38	Wormwood ..	"	6 00	6 50	Valerian, English...	"	18	20
Sulphite ..	"	10	11	ointment, mercurial				SAL. SODA, by bbl.....	"	1 1/2	3
Liquorice, Solazzi ..	"	45	50	fort.....	"	75	80	SACCHARIN.....	oz.	1 25	1 50
Pignatelli ..	"	35	38	Citrino.....	"	35	38	SALICIN.....	lb.	3 25	3 75
Y. & S. Pellets ..	"	40	00	OPiUM. See Gum.				SANTONIN ..	"	2 50	2 75
Other Brands ..	"	11	35	ORANGE PEEL.....	"	16	17	SEED, Anise, Italian ..	"	14	15
LYE, concentrated ..	doz.	90	1 00	PERSiN, Eng.....	"	3 00	3 50	" Star.....	"	35	38
MADDER, best Dutch ..	lb.	12 1/2	14	Saccharated ..	"	5 25	6 00	Canary, Sicily ..	"	4	5
MAGNESIA, Carb., 1 oz.	"	20	22	PEPPER, black.....	"	22	25	Caraway.....	"	10	12
Carb., 4 oz.....	"	16	20	Powdered ..	"	25	27	Cardamon, Malabar..	"	1 20	1 50
Calcined ..	"	55	65	White powdered ..	"	38	40	Decorticated ..	"	1 75	2 00
Citrate, gran ..	"	40	75	PILL, blue, Mass.....	"	60	65	Celery ..	"	25	30
Sulphato ..	"	1 1/4	3	PHLOCARPINE.....	gr.	6	12	Colchicum, German..	"	1 15	1 20
MANGANESE, black				Preri, black.....	bbl.	3 75	4 00	Coriander.....	"	10	12
oxide ..	"	4 1/2	6	Burgandy ..	lb.	10	13	Flax, cleaned, Ontario			
MANNA.....	"	1 75		PHOSPHORUS ..	"	90	1 00	100 lbs.	3 50	3 75	
MENTHOL ..	"	4 50	5 00	PODOPHYLLIN ..	oz.	40	45	Imported.....	"	0 00	0 00
MERCURY ..	"	90	95	POPPY HEADS.....	100	90	95	Fenugreek, powdered .	lb.	7	9
Ammoniated.....	"	1 30	1 45	POTASSA, caustic, white				Hemp.....	"	5	5 1/2
Bichlor ..	"	1 10	1 20	sticks.....	lb.	65	70	Mustard, white ..	"	9	11
Biniodide ..	"	4 75	5 00	Liquor ..	"	10	12	Powdered.....	"	20	45
Bisulphate.....	"	1 15	1 25	POTASSIUM, Acetate,				Rape ..	"	8	9
Chloride ..	"	1 20	1 30	granulated.....	"	50	55	SAFFRON, American...	"	35	50
C. Chalk ..	"	55	60	Bicarbonate ..	"	17	20	Spanish.....	oz.	1 10	1 25
Nitric Oxide ..	"	1 25	1 30	Bichromate ..	"	12	13	SAGE.....	lb.	7	8
Oleate ..	"	1 25	1 30	Bitartrate (Cream				SILVER, Nitrate ..	cash	11 00	13 00
MORPHIA, Acet.....	oz.	1 90	2 10	" Tartar) ..	"	30	35	SOAP, Castile, mottled..	"	8 1/2	12
Muriat ..	"	1 90	2 10	Bromide ..	"	55	58	" white.....	"	11	16
Sulphat ..	"	2 10	2 25	Carbonate ..	"	13	15	SODA, Ash, keg or cask	"	1 1/2	2 1/2
Moss, Iceland.....	lb.	9	10	Chlorate.....	"	18	20	Caustic.....	drum or	2 1/2	5
Irish.....	"	10 1/2	12	Cyanide, Fused ..	"	40	52	SODIUM, Acetate.....	"	25	30
Musk, Tonquin, rue...	oz.	36 00	40 00	Iodide ..	"	3 90	4 25	Bicarb. Howard's.....	"	16	17
Canton ..	"	75	80	Nitrate ..	"	9	11	" Newcastle ..	"	2 50	2 75
NUTMEGS ..	lb.	1 00	1 05	Permanganate ..	"	60	65	Carbonate, crystal...	lb.	2 1/2	3
NUX VOMICA ..	"	8	10	Prussiate, yellow...	"	35	38	Hyposulphite.....	"	3	4
Powdered ..	"	22	21	And Sodium Tar-				Salicylate.....	"	2 25	2 50
OIL, Almond, bitter...	oz.	75	80	trate (Rochelle				Sulphate, Glauber's			
" sweet ..	lb.	50	60	Salt.....	"	32	38	Salt.....	"	1 1/2	3
Amber, rectified ..	"	65	70	Sulphuret.....	"	25	27	STRYCHNINE, crystals..	oz.	1 10	1 25
Anise ..	"	3 00	3 20	QUASSIA ..	"	9	10	SULPHUR, precipitated	lb.	13	20
Bergamot ..	"	3 75	4 00	QUININE, Howard's ..	oz.	48	50	Sublimed ..	"	3	4
Cajuput ..	"	1 25	1 50	German.....	"	40	45	Roll.....	"	2 1/2	3 1/2
Caraway ..	"	3 50	4 00	ROSiN, strained ..	bbl.	2 75	3 75	TIN, Muriate, crystals .	"	35	37
Cassia ..	"	1 75	2 00	Clear, pale ..	"	4 50	5 00	TAMARINDS ..	"	14	15
Castor ..	"	12	15	Root, Aconite ..	lb.	24	25	TAR ..	bbl.	4 50	4 75
Cedar ..	"	75	1 25	Blood, powdered.....	"	20	22	Barbadoes ..	lb.	10	12
Citronella ..	lb.	85	90	Colosh, black ..	"	25	35	TEREBENE ..	"	75	90
Cloves ..	"	2 50	2 75	Colchicum, German..	"	15	17	TURPENTINE, Spirits...gal.		75	80
Cod-liver, N.F.....	gal.	90	1 00	Columbo.....	"	20	22	Chian.....	oz.	90	2 50
Norwegian.....	"	1 50	1 75	Powdered ..	"	30	35	Venice.....	lb.	10	13
Cotton Seed.....	"	1 00	1 10	Curcuma, ground ..	"	13	15	VERATRIA ..	oz.	2 00	2 50
Croton ..	lb.	1 25	1 50	Elecampane ..	"	15	17	VERDIGRIS ..	lb.	35	55
Cubeb ..	"	16 00	17 00	Gentian.....	"	20	22	WAX, white, pure.....	"	55	75
Geranium, India...	"	3 00	3 20	Ground ..	"	10	12	Yellow ..	"	42	45
Hemlock.....	"	75	80	Powdered.....	"	12	14	Paraffine ..	"	17	20
Juniper ..	"	65	70	Ginger, E.I.....	"	12	18	WOODS, Camwood.....	"	5 1/2	8
Lavender, English...	oz.	1 75	1 90	Ginger—Powdered...	lb.	14	20	Fustic, Cuban ..	"	2 1/2	3
French, pure ..	"	75	1 00	Jamaica ..	"	24	28	Logwood, Campeachy	"	2 1/2	3
Lemon ..	lb.	1 90	2 20	Powdered.....	"	25	28	Quassia ..	"	9	10
Lemon Grass ..	"	1 50	1 60	Golden Seal, powder'd	"	1 00	1 10	Redwood ..	"	3 1/2	5
Linseed, boiled, 9 lb.	gal.	75	80	Hellebore, white, p'd.	"	13	15	ZINC, Chloride ..	"	1 10	1 25
Raw ..	"	70	75	Ipecac ..	"	2 90	3 00	Oxide.....	"	13	60
Nentsfoot.....	"	90	1 00	Powdered ..	"	2 75	3 00	Sulphate, pure.....	"	9	12
Olive, common.....	"	1 30	1 40	Jalap, powdered.....	"	38	40	" common.....	"	7	9
Salad ..	"	2 00	2 75	Licorice, select.....	"	13	15	Valerianate.....	oz.	25	28
Orange ..	lb.	3 00	3 25					Sulphocarbonate ..	lb.	1 00	1 10

THE STANDARD BRANDS
MILLIONS OF EACH BRAND
SOLD ANNUALLY.

“Cable,” “El Padre Padre” and “Madre e’Hijo”

S. DAVIS & SONS
MONTREAL, P.Q.

“Puritan” Plug Cut, “The Smokers’ Ideal,” “Derby,” “Athlete” Cigarettes ARE THE BEST.

D. RITCHIE & CO., - - - Montreal.