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CANADIAN DRUGGIST.

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

VOL. 2. { PUBLISHING HOUSE, }
STRATHROY, ONT.

NOVEMBER, 1890.

{ 6 WELLINGTON ST. WEST. } No. 11.
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CANADIAN DRUGGIST.

WILLIAM J. DYAS, - Editor and Publisher.

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All cheques or drafts to be made payable to the editor.
New advertisements or changes to be addressed

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

Brant District Drug Association.

The annual meeting of the Brant District Drug Association was held in Brantford Oct. 16th. The election of officers for the year resulted as follows: Mr. G. Scott, Paris, President; J. A. Wallace, Brantford, Vice-President, and B. Batchelor, Secretary-Treasurer. The members then sat down to a dinner, and in the course of the after speeches the action of the council respecting the dismissal of some of the professors of the college was discussed. This resolution was unanimously adopted: Moved by S. Tapscott, of Brantford, seconded by C. H. Roberts, of Paris, that this association heartily endorse the course of the council of the College of Pharmacy and pledge ourselves to assist them in their efforts to get control of college affairs in the interests of the druggists, and further would urge them to get the present contract of the journal amended, so that the journal may become the organ of the druggists. The advisability of discontinuing the sale of morphine, except as advised by physicians, was discussed. The members found by consultation that the sale is constantly increasing, and all believed the trade to be immoral and bad, so that now by mutual consent no morphine can be purchased in the district unless under the doctor's orders.

Pharmaceutical Examinations.

The semi-annual examinations of the Pharmaceutical Association of the Province of Quebec were held in Laval University, Quebec, on the 14th and 15th Oct., when the following candidates presented themselves, viz.: For the major examination, P. T. Martel and D. R. Gagnon, of Quebec, and E. F. G. Daniel,

Arthur Decary and J. P. Durand, Montreal; and for the minor examination, Eugene Chevalier, J. H. Gleason, P. H. Gendron and O. Brault, of Montreal; Izonidas Laberge and Henry Willis, of Quebec, and J. A. Peltier, of Three Rivers. The candidates were submitted to written and oral examination in materia medica, chemistry, pharmacy, botany, practical dispensing, weights and measures and reading of prescriptions, and those successful (named in their order of merit) obtained the necessary number of marks to entitle them to be registered as licentiates of pharmacy and certified clerks, namely: E. F. G. Daniel, D. R. Gagnon, P. T. Martel and A. Decary as licentiates of pharmacy, and J. H. Gleason, O. Brault, J. A. Peltier, Eugene Chevalier and Henry Willis as certified clerks. The examiners were Messrs. A. Manson, S. Lachance and J. R. Parkin, of Montreal, R. W. Williams, of Three Rivers, and Jos. E. Morrison, of Quebec.

The quarterly preliminary examinations of the Pharmaceutical Association of the Province of Quebec for students entering the study of pharmacy were held in Montreal on Thursday, October 2nd, 1890, when eleven candidates presented themselves. Of these three obtained the requisite number of points to entitle them to be registered as certified apprentices. These are named in their order of merit, namely: Joseph Boutin, E. J. Lemaire and J. E. Laurencelle. The examiners were Wm. S. Kerry, A. E. DuBerger and W. H. Chapman, Montreal.

Doctor and Druggist.

The intimate relationship which necessarily exists between the physician and the pharmacist in a professional and business sense, practically prohibits a criticism of many of their actions, which, in a true sense, are neither professional nor business.

It is certainly desirable that the most harmonious relationship should exist, based, however, solely on the well being and honorable conduct of their relative professions.

The physician as occupying a position of vital importance, wherein he assumes the responsibility of guarding human life, assuredly requires that the pharmacist who undertakes to supplement his knowledge and skill, shall be thoroughly capable and strictly honest in the discharge of this portion of the work

assigned him, else his reputation is jeopardised by the incompetence or unfaithfulness of his secondar.

The pharmacist as occupying a position second only in importance to that of the physician in relation to the well being of the community to which he caters, owes not only to himself, but to physicians and the public, that faithfulness to the highest and truest interests of his profession that will secure him their confidence, without which his profession would be a hollow mockery and his business prospects the least desirable.

The foregoing, while true in aim is, unfortunately, very often untrue in practice, as while both physicians and pharmacists may escape the charge of prostituting their practices, they certainly are very often open to the charge of playing into one another's hands on a percentage basis, or by some equally reprehensible method. The practice is altogether a too common one, and has a degrading influence on the participants of both professions. When the pharmacist is not the first to make overtures, the physician is the culprit, and vice versa.

Unfortunately for the druggist, the percentage always goes the one way, and is very often a good share of his hard earned profit, which is in any case but meagre remuneration for the time spent and responsibility he assumes in securing it.

This aspect of the matter, however, only places the druggist in a worse light, as, unless he adds before subtracting (larceny) he, at best, only proves himself a petty briber whose actions deserve their reward.

To sum the whole matter it might be presented as follows:

- 1st. Unprofessional conduct
 - 2nd. Unearned gain to physicians
 - 3rd. Earned profit lost to druggist
 - 4th. Probable excess charges to patients as druggist's customers.
 - 5th. Loss of true respect between physician and druggist.
 - 6th. Suspicion by the public of collusion between doctor and druggist.
 - 7th. Unreserved injury to your self respecting and non-participating neighbor.
- This is the sum, and the substance is, that the workman who is worthy of his hire does not receive it. LITERA.

Rose water made with carbonate of magnesium and used to make eye water by dissolving zinc or lead salts will form an irritating precipitate.

Specialties Versus Profits.

BY A. MACK.

Read at a meeting of the California Pharmaceutical Society, "*Specialties versus Profits*."—The Tendency of the Trade to Specialties and Their Effect Toward Lessening Druggists' Profits."

In 1872 I began my apprenticeship in New York as a retail druggist. At that time, my preceptor seemed well content with the gains of each year's business, as the restrictions which surround the drug gist were then comparatively few or virtually unknown. The usual assortment of patent medicines were kept for sale, but the sales of family medicines were proportionately larger, while the prescriptions gave a revenue that represented a handsome profit. During this period pharmacy made a noticeable stride, as it can be easily understood that when superior proficiency meant increased custom the druggist felt it incumbent upon him to attain this object.

Since then, however, a gradual change has taken place, imperceptible at first, but so apparent now that the conclusion is at last forced upon to declare ourselves tradesmen.

The business of a druggist has reached the stage where almost every article now sold is the product of some one firm who enjoy a monopoly of its manufacture, and who prescribe not only the quantity which a jobber must purchase to secure his trade discount, the price at which it must be sold to the retailer, but also the price at which it must be sold to the consumer. Here are three stages, in each of which the profits are fixed, and a firm control maintained by the manufacturer. In all, the middlemen are helpless, and whether the retailer possesses the peculiar ability which classes him as a good business man or otherwise, is, under existing conditions, of no moment. With the laws of trade which govern the purchase or sale of any other class of merchandise, the druggist has no concern, neither can he avail himself of the advantages which a rising or falling market may present, as in other commodities.

On the contrary, he is restricted in every sense, and must be satisfied with the simple announcement of the owners of those specialties he buys. "This is your profit, and with this be content."

Human nature is so constituted, and the supposed emoluments of a monopolist so alluring, that we are all striving to join the ranks, and the result is more and more specialties.

This being the case, although the term "specialties," as formerly applied to the wares of the druggist, meant only patent medicines, their domain has gradually extended, and to-day they comprise drugs, chemicals, patent medicines, and druggists' sundries.

It is even invading the Pharmacopœia. The proposed "standardising" of the tinctures indicates the influence that manufacturers of pharmaceutical preparations now possess.

Mind you, I do not deery the "standardising" of pharmaceutical preparations; on the contrary, this will, in my opinion, give greater reliability to such preparations, and be of value to the physician when estimating the effect of his prescription upon his patient. With this phase of the subject, however, I have nothing to do in this paper.

I wish merely to point out that in order to produce standard or assayed products economically, large laboratories have been founded, and the facilities which capital commands have been utilized by proprietors to establish their particular label, and the retailer is finally constituted the vendor under the conditions previously mentioned.

In the department of druggists' sundries, the conditions are the same. Manufacturers of a line of perfumes, soaps, sachets, etc., create a demand for their goods, and the consumer obtains his supplies from the retail druggist, who is thus obliged to add line after line to his stock.

That "specialties" are the order of the day in the retail drug business will, I believe, be conceded from the foregoing illustrations, and that from this very nature of things druggists' profits are limited. Now, then, the question arises, in what way can the druggist turn this condition of things to his advantage, thus keeping abreast of the times, and obtain results with which, from a pecuniary standpoint, he will be content and at the same time, how can he utilize his professional acquirements, which from year to year, in spite of the tendency noted above become more and more exacting?

Various articles on this subject have been written, all, however, terminating with a mere statement of the grievances which obtain in the drug trade, but without offering a satisfactory corrective for the existing evil.

My observation leads me to make the following suggestions.

First. That the druggist must hereafter combine two qualities within himself:

- (a) that of a professional man, and
- (b) that of a business man.

Second. In his capacity of a professional man, his ability in this direction may be turned to his pecuniary advantage according to its quality. If he is superior as an educated pharmacist, he secures the confidence of physicians and patrons, and the preference of their influence and business, to prepare prescriptions and to be called upon to supply medicines, upon the scientific preparation of which and purity they depend.

Third. In his capacity of a business man, he will soon recognize that protests avail not to stop the manufacture of "Specialties," and he should, therefore, shape his business methods in such a way as to get the greatest possible returns from his transactions in "ready-made" goods.

To accomplish this, he may resort to two methods. One is to adopt the same tactics that manufacturers of specialties

do to create a demand, and that is to advertise, and as Lord & Thomas, of Chicago, say, "advertise judiciously," and by turning his stock during the year as often as possible.

The second method is to add every other line of goods to his stock that might be considered a legitimate adjunct to his main business. In order to exercise judicious care in this selection, he can make no mistake if he will peruse the advertising columns of the *Druggists' Circular* and *Pacific Druggist*, as he will find advertised therein all classes of goods, any or all of which might safely be added to his stock.

These, gentlemen, are the principal ideas that occur to me at present, and while thanking you for your kind attention, I trust others will take this subject up again for further consideration and the general welfare of the drug trade.—*Pacific Druggist*.

Parchment Paper as a "Protective."

Dr. Boucher (Hertford) writes to the *Lancet*. I should like to call attention to the existence of a cheap and efficient substitute for oiled silk, gutta percha tissue, and all other forms of "protective." I refer to the so-called "parchment paper," prepared by the immersion of paper at a certain stage of manufacture in sulphuric acid. It is largely used commercially on account of its grease-proof properties. I was first led to use it owing to a temporary failure in the supply of gutta percha tissue in the treatment of an extensive burn of the thorax, in which numerous skin-grafts and a considerable extent of growing edges required "protective." I was gratified on finding that it answered the purpose admirably, possesses the further advantage, on the dressing being changed, of remaining free from the discoloration which always results from chemical decomposition when gutta percha tissue is used. Being unaffected by heat or moisture, it is available for every occasion on which we wish to retain these properties—*e. g.*, as a backing to hot fomentations, stapes, poultices, compresses, &c. It is unaffected by alcohol, ether, turpentine, oils, &c., and is the most suitable covering for a piece of lint soaked with any liniment when used as a local application for neuralgia, sciatica, &c. It remains unaltered by temperature and time, and consequently never become sticky like oiled silk, nor does it crumble to pieces after being laid aside for any length of time, like gutta percha tissue. Its cheapness and indestructibility, with all these advantages, ought to bring it into universal use.

Moistening aconite tubers with alcohol before powdering in a mortar will prevent the irritating dust from rising.

An application of a weak solution of hydrochloric acid, followed by a weak solution of chlorinated lime, will remove logwood stains from the skin.

IMPERIAL GRANUM

IS UNRIVALLED AS A FOOD FOR INVALIDS, COVALESCENTS, AND THE AGED.

FOR NURSING MOTHERS FOR INFANTS AND FOR CHILDREN

THE GREAT MEDICINAL FOOD

JOHN CARLE & SONS, NEW YORK

HOLIDAY - GOODS

- FOR THE -

1890—DRUG TRADE—1891

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

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

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

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

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

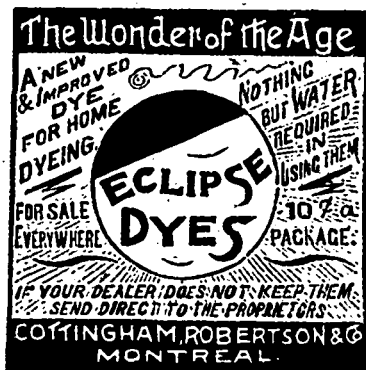
Plush is still selling and we are as usual showing all the new and saleable lines, from the home manufacturers.

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

Smith & McGlashan Co.,

DRUGGISTS' SPECIALTIES,

53 Front St. East, - Toronto.



The old fashioned dyes now in use, requiring so much trouble and expense, ARE DONE AWAY WITH FOR EVER. Insist on having the ECLIPSE DYES. They are the Latest, the Brightest, the Cheapest and the Best.



B. Laurance & Co.

WHOLESALE OPTICIANS,

251 St. James St. - MONTREAL.

A Specialty made of Assortments for Drug Stores.

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

J. PALMER & SON

1743 & 1745 Notre Dame,

MONTREAL.

AGENTS FOR

PEARS' SOAP,

Bertrands Freres Perfumery,

Dupont's Brushes.

Special prices given for Import Orders on Brushes and Perfumery.

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

Turkey and Honey Comb Sponges, 250 Cases.

Chamois Skins, extra quality and good value.

Violet and White Lilac Perfumes, the latest and best.

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

A splendid variety to select from.

R. BRAYLEY,

Wrapping Papers,
Paper Bags,
TWINES,

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

Printing at lowest prices.

14 Front St. West, - TORONTO.

THE GREAT EUROPEAN DYE



Unequaled 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

New Goods.

LYMAN BROS. & CO.

TORONTO, - ONT.

Baldwin's "Queen Bess," "Lalla Rookh" and "Wild Plum Blossoms," in 9 oz. bottles.

Baldwin's Satchets—"Queen Bess," "Lalla Rookh," "Wild Plum" and "Wild Flowers," in 5 oz. bottles.

Lundborg's new "Swiss Lilac," in 1, 2 and 4 oz. bottles.

Lundborg's Special Odors—"Edenia," "Marechal Niel," &c., in 1, 2 and 4 oz. btl.

Lundborg's Assorted Odors in ½ lb. bottles.

Atkinson's full line in 1, 2, 4, 8 and 16 oz. bottles.

Lubin's full line in 1, 2, 4, 8 and 16 oz. btl.

Piesse & Lubin's full line in 1 and 2 oz. bottles.

Colgate's full line in 1 oz., 2 oz., ½ lb. and lb. bottles.

Bertrand's Perfumes.

Warwick's Perfumes.

Hopegood's Perfumes.

ELLIS & GOLTERMAN'S

Vaseline - Atomizers.

Eyebrow Pencils,

Nail Powder,

Nail Polishers,

Seeley's Trusses.

Gray's Manual Botany.

Remington's Pharmacy.

Maisch's Materia Medica.

BOTTLES FOR COVERING,

Square, Round, Oval,

Crane Neck, Diamond, Triangle.

Special Formula Pills a Specialty.

TRADE NOTES.

E. M. Estey, Moncton, N. B., has sold out.

E. J. Skelly, druggist, Elmvale, is burnt out.

W. E. Cochenur has opened a new drug store in Exeter, Ont.

H. Paxton Baird, Woodstock, N. B., is burnt out.

J. P. Kidd, Barrie, has sold out to T. H. McLaren.

Barnett's drug store, New Westminster, B. C., has been damaged by fire.

Curry & Johnson, druggists, Kinnoumt, Ont., were burned out last month.

W. J. C. Naftel has bought out G. A. McCann's store on Shuter street, Toronto.

The drug store of Mr. Potvin, lower town, Quebec, was destroyed by fire Oct. 17th.

J. M. R. Neeley & Co., Prince Albert, are refitting their store in a handsome manner.

T. J. Smith, drugs and groceries, Wapella, Assiniboia, has sold out to Joseph Pritchard.

The drug stock of R. Stark, Woodstock, Ont., has been purchased by the local druggists.

L. W. Yeomans, Belleville, has secured the agency for Donald Kennedy's goods for Canada.

G. N. Babcock, formerly traveller for Smith & McGlashan Co., has bought out W. Fitzgerald, Drayton.

W. A. Karn, Woodstock, has just returned from a trip to Detroit, Chicago, Minneapolis and St. Paul.

A. Gauvreau, formerly at 396 St. James street, Montreal, has opened a drug store at 513 St. James street, in that city.

S. Tapscott, Brantford, is enlarging his store and refitting the glassware part of it in a very tasty and creditable manner.

W. J. Mitchell is managing the affairs of the Cobban Manufacturing Company during the absence of the manager in England.

J. H. Nasmyth & Co., of Stratford, have purchased the stock of C. Zoellner, of Tavistock, Ont., and will run it as a branch store.

A. W. Ball, West Toronto Junction, has sold out to J. F. Holden, of the same place. We understand Mr. Holden will run both stores.

F. C. VanBuskirk, drugs, etc., of Manitou, has purchased the stock of stationery and fancy goods of the estate of J. E. T. Powers, of Brandon.

Myers & Co., manufacturers of "Royal Horse and Cattle Spice," finding their premises too small, have removed to 178 Front street, East, Toronto.

A new glass factory started work in New Glasgow, N. S., last month, and by the large amount of orders on hand the company are confident of procuring a large trade.

J. E. B. Littlejohn, for some time book-keeper for Elliott & Co., is leaving them to take an interest in the firm of J. G. Ramsay & Co., wholesale dealers in photographic supplies.

The Dawson Baking Powder Company, of Vancouver, is incorporated with a capital of \$25,000 in 1,250 shares of \$20 each. The incorporators are B. N. Smith, T. C. Aleock, and E. Odlum.

Mr. Wallace Dawson, druggist, St. Lawrence Main street, Montreal, has registered in the Tutelle office as doing business alone under the name of "The Dawson Medicine Company."

Warton *Echo*. Mr. R. J. Freeborn, who carried on the drug business at Lion's Head for some time, is attending the Huron College, London, with a view to enter the ministry of the Episcopal Church.

Mr. Frank T. Harrison, Pharm. D., at present professor in the Ontario College of Pharmacy, Toronto, has received notice from the Dominion Government that he has been appointed Government Analyst for Western Ontario, with headquarters in London, Ont.

Thirty cents per bushel of 60 pounds is being paid for chicory by the Bellevue French Coffee Co., of Whitewood, Man., and as the average yield per acre in the district is between 250 and 300 bushels, the cultivation of this root will net the producer a profitable return.

The failure is announced of two large firms in Pittsburgh, Pa., one being that of Flemming Brothers, patent medicine manufacturers, the other John L. Daves, Sons & Co., manufacturers and dealers in druggists' glassware. The latter it is said is caused by endorsement of Flemming Bros.' paper.

At a meeting of the Oxford Druggists' Association, held Oct. 3rd, the following resolution was passed, in reference to the departure of one of their members, Mr. Robert Stark, who has purchased a business in Hamilton: Moved by John J. Hall, seconded by Alfred M. Scott, and carried unanimously, that we regret the departure from among us of Mr. Robert Stark, President of the Oxford Pharmaceutical Association, who takes up his residence and the practice of pharmacy in the City of Hamilton. His energy and high sense of professional ethics has done much to bring together and make harmonious our association meetings. He will be much missed in many departments of religious and public life. We recommend him to our professional brethren in the Ambitious City.

Montreal Notes.

There is a strong feeling among the licentiatees of the Quebec Pharmaceutical Association in favor of reducing the annual fee to five dollars. The present fee is ten dollars, which with the subscription (not however obligatory) to the College of Pharmacy and incidental contributions, is considered too onerous.

The Pharmacy Students' Association has been reorganized on a sound basis and considerable enthusiasm has been aroused. It is proposed to get up a conversazione or ball about Christmas time.

Montreal is fast becoming a centre for pharmaceutical education, and students are attracted here from the neighboring states and from all parts of the province. Most of the students find employment in the city pharmacies. We have not heard, however, that this influx has lowered the salaries of clerks, which are abnormally high when the small returns and high rents of the average pharmacist are taken into consideration, and we have grave doubts whether many retail druggists in the metropolis make more than a living at the present time.

It is a matter of remark that few courtesies are extended either to the Pharmaceutical Association or the College of Pharmacy by our medical friends when their annual banquets and conversaciones occur. On the contrary whenever anything takes place under the auspices of the association or the college the representative medical men are invariably invited. It has been suggested that these courtesies are rather one-sided.

The Association has been unsuccessful in its case against a physician for not paying his annual fee as a pharmacist, he being the proprietor of a drug store. It was intended to appeal the case. As the physician is doing his best to sell his place it is not thought that the council will go further in the matter.

Mr. Amand Boyce, who opened a new drug store at the corner of Craig and St. Lawrence, has after a short run of some six months been obliged to suspend. Messrs. Lyman, Sons & Co. are winding up the business for which there was really never any good opening. In fact new drug stores in Montreal just now are rather risky ventures.

We hear that with singular heroism a young druggist is about to open a store in the new building in the opposite corner to Mr. Baridon on St. Catherine street, east. St. Catherine street from St. Lawrence to the city limits can boast of about as many drug stores as any city on the continent.

Another complaint against the wholesale houses by the retailers is their increasing tendency to run drug stores which have failed, and which being unable to find solvent purchasers for, they haven't the moral courage to close up. There are rumors of two stores being now in that position and likely to be another shortly.

Retail business generally is said to be very bad in this city owing to the fearful condition of the streets. Notre Dame is being widened from McGill to the depot. St. Lawrence Main is and has been this last two years in the same condition. St. Catherine street is constructing an immense intercepting sewer, and Dorchester is being repaved. In some particular sections dry goods men complain bitterly.

Parke, Davis & Co.'s Canadian Laboratory.

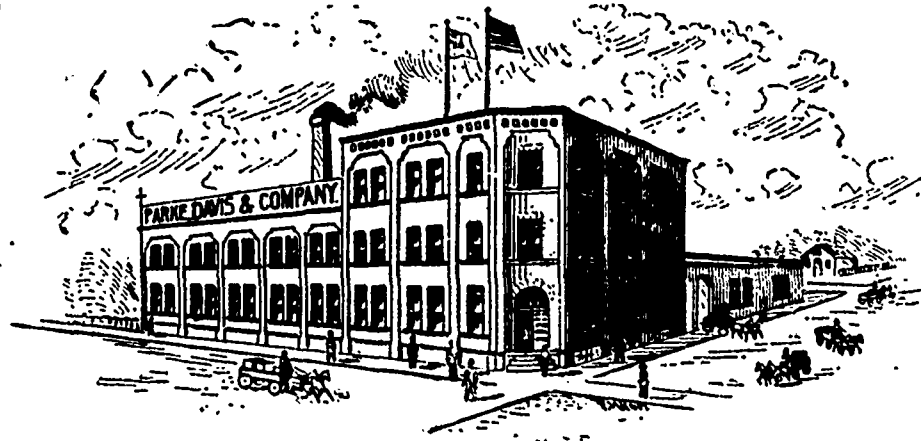
Prominent among the manufacturers of medicinal products in the United States, and who have attained in a comparatively short time a position second to none in point of reliability and diversity of manufactures and in volume of business transacted in their especial lines, is the firm of Parke, Davis & Co., with headquarters in Detroit and branch houses in New York City, Kansas City and London, England. From a small beginning in 1871, with a limited capital and handicapped in many ways, with strong, local prejudices, on account of Detroit not then being considered a manufacturing centre, and in the face of the established trade and prestige of the eastern houses, the business of the firm has increased until its capital stock is now \$1,000,000. The home buildings, which in 1879 occupied an unpretentious site on the Detroit River front 240 by 60 feet, two stories high and an office and shipping building three stories high, 60 by 60 feet, were found too small, and in 1880 the laboratory was enlarged by an addition two stories high and about 200 feet long by 20 feet deep. In the spring of 1883 another addition, 60 by 200 feet, was built for the purpose of storing crude stock and also for their printing establishment. This year they have again largely added to their capacity, having erected buildings covering an entire square, an area of 100,137 square feet, or about 2½ acres, giving increased room for their chemical, analytical and manufacturing departments and also adding to their storage capacity.

A large demand has been created in Canada for the products of this firm, as a result of liberal and judicious advertising, and also from the recognized reliability of their preparations. Shipments have heretofore been made from Detroit, but the volume of business has so increased as to render necessary the erection of a laboratory and warehouse at Walkerville, Ontario, directly opposite their premises in Detroit, from which point all orders from the trade in the Dominion will be executed.

The illustration in the centre of this page shows this building as it fronts on the Detroit River, being one of the most conspicuous buildings in this thriving manufacturing town. From their past experience they have been enabled to combine in this building, all the facilities necessary for manufacturing in as complete and careful a manner as their Detroit laboratories possess. In fact this establishment is a model of convenience and utility. We have no doubt that the

establishing of this laboratory in Canada will be conducive to a still further increase of trade as it will certainly prove a great convenience to the pharmacists of this country, in the matter of facilitating shipments and avoiding the vexations of custom charges, etc. It will also be the means of sending Canadian pharmaceuticals to many foreign ports where Canadian products are now entirely unknown, thus advertising our country's facilities and resources.

The products of the firm of Parke, Davis & Co. are too well known to the medical profession and drug trade to need any commendation by us. Their manufactures of fine pharmaceutical specialties, rare alkaloids, fine chemicals, glyceroles, normal liquids, fluid extracts, hard filled and empty capsules, tablet triturates, etc., are up to the highest standard and it affords us much pleasure to welcome them to the Dominion of Canada as one of the largest manufacturing establishments of its kind in the world.



PARKE, DAVIS & CO.'S LABORATORY, WALKERVILLE, ONTARIO.

Remarks on Some Ointments of the Pharmacopœia.

BY JOHN DEVINE, PH. G.

Among the preparations of the Pharmacopœia that require to be amended, are some of the ointments—especially those of belladonna, stramonium and red oxide of mercury.

When the alcohol of the extracts evaporates from the belladonna and stramonium ointments, they become mouldy and granular, and time works the same change in the red oxide of mercury ointment, which becomes marbled.

No doubt many of you, like myself, have had cause to complain of their keeping qualities, and have been annoyed—when hurried to fill a prescription—on going to the pot to find the ointment covered with mould.

Of course in stores where these ointments are frequently called for, the Pharmacopœial formula would suffice, as they are made often, and are always fresh. But in stores where they are seldom dispensed, they will sometimes be found in the condition described.

To obviate in some measure this state of things, I prepared some years ago a formula which I found to be quite successful in preserving ointments for an indefinite period, and always ready for dispensing in nice condition. The formula is as follows:

Alcoholic ex. belladonna.....	2½	ozs. avoird.
White wax.....	4	“ “
Petrolatum.....	16	“ “
Diluted alcohol q. s.		

Melt the wax and petrolatum by water bath, stir until it begins to harden, then add the extract, which has been previously rubbed up with diluted alcohol, and finish with spatula on the ointment slab.

Some of the first lot I made by this formula was placed in an earthenware jar and laid aside to watch the effects of time on it. It was forgotten for over two years, and when examined was found in excellent preservation.

I have used this formula for several years; it has given me great satisfaction, as it is always ready for dispensing when called for.

The formula I have used for making unguentum hydrargyri oxidi rubri is as follows:

Red oxide of mercury in very fine powder,	2	ozs. avoird. ;
yellow wax (clean),	4	ozs. avoird. ;
petrolatum,	13	ozs. avoird.

Melt the wax and petrolatum by water bath, stir until it begins to harden, then stir in well the red oxide of mercury, and finish with spatula on the ointment slab.

With this formula it keeps a very long time, always looks

well, and is of good consistence.—*Pacific Druggist.*

ANOTHER article formerly considered worthless has been added to the useful products, and is known and is called mineral india rubber asphalt. It is produced during the process of refining tar by sulphuric acid, and forms a black material very much like ordinary asphalt, and elastic like india rubber. When heated so that the slimy matter is reduced to about sixty per cent. of the former size, a substance is produced, hard, like ebony. It can be dissolved in naphtha, and is an excellent non-conductor of electricity, and therefore valuable for covering telegraph wires and other purposes where a non-conducting substance is needed. Dissolved, the mineral india rubber produces a good water-proof varnish. The manufacture of the material is very profitable, and pays the inventor 400 or 500 per cent.

No one should fear competition. Rivalry, open, fair and enterprising, is the life of trade. It stirs the merchant up and makes him energetic, when otherwise he might be slow and behind the times.

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- " Rosiderma, (retails at 25c.)

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"LA FAMEUSE,"

"HAVANA PEARL,"

5c.

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"PERFECTION,"

"BABY PEARL,"

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

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

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

Please mention this paper when ordering.

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GRANBY, QUE.

This Beats All.

\$1.00 FOR NOTHING.

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

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DR. H. P. WILKINS' LIVER POWDERS

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AN EXCELLENT REMEDY FOR

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PRICE, 25 CENTS PER BOX.

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Wholesale by ELLIOTT & CO., Toronto, Ont.



OUR COMMUNION WINE,

"St. Augustine"

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CORRESPONDENCE.

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

To the CANADIAN DRUGGIST:

Wanted by the Druggists of Canada, a Universal Price Book.

Why?

It will give the lowest price that an article can be sold at to yield a fair profit after paying for it and the expense connected with its preparation and delivery to the customer. It will enable all who get that price to handle the same quality of goods, which will be the best. It will discourage selling any article at less than five cents, because when cost is reckoned up it takes all of two or three cents to hand any article to a customer without anything for cost of article or profit. It will inspire confidence in the minds of our customers that as the price is uniform so will the quality be. It will enable the store in smaller towns to get the same price as charged in large cities, and they require it, as quantity of goods sold being less, makes proportionate cost equal.

I believe it to be quite practical and with very little trouble could be introduced and carried out.

Would suggest that one druggist from each territorial division be instructed by their association to prepare such a book, giving the minimum price all having pledged themselves to carry out what they settle on as a fair price.

Trusting this will meet the approval of my fellow druggists, and that some action may be taken soon,

I am,

Yours very truly,

A. B. PETRIE.

The Attack on the Principal.

To the Editor of the CANADIAN DRUGGIST:

Under the above heading Mr. D'Avignon, of Windsor, has a long article in a recent issue of this journal, the whole tenor of which seems to be to impress on the minds of the druggists of the Province, that the recent action of the council in reference to the faculty of the college is wholly due to a personal animus in the mind of the president of the council towards the principal of the college. Before being influenced by any such argument let us look at the vote as taken on the motion of Mr. McGregor, and therefrom deduce our own opinions. The vote stood 8 to 4 in favor of the dismissal of the professors, W. B. Sanders, of Stayner, being absent, but who would have voted nay I understand. So the feeling of the council is 8 to 5 in favor of the motion. Who are these eight men who for the sake

of a personal animus of one of them, are false to their friends and the confidence placed in them?

Among them we find John J. Hall, Esq., of Woodstock, than whom a more honorable man cannot be found, a man who has filled with credit to himself and to his town an honored position at its municipal board, and to whom his fellow-citizens look up for his integrity of purpose and business ability; J. W. Slavin, Esq., Mayor of Orillia, ex-Warden of the County of Simcoe, a man whom the citizens of his own town and county delight to honor and one who honors the council board of the O. C. P.; Messrs. McKee, of Peterborough; Hobart, of Kingston; McKenzie, of Toronto; Petrie, of Guelph, and McGregor, of Brantford, are all men well known in their respective communities and who are held in high esteem by their fellow-citizens.

Does Mr. D'Avignon expect us to believe that these men, who have been chosen in their respective districts by their fellow druggists to represent them at the council, are mere puppets in the hands of Mr. Clark?

Mr. Clark is to them a comparative stranger and they the one to the other. All that is common between them is the affairs and welfare of the college. They have nothing to gain but rather everything to lose by such action. The president of the council is not like the Premier of either the Dominion or the Province with fat offices in his gift. Granting that the president himself was animated by such a motive—I do not for one moment admit or believe such to be the case—can any reasonable man think that these men whose names I have mentioned could possibly be influenced by such an unworthy motive? I think not. Mr. D'Avignon by inference asks us to believe that he and those who voted with him are the only men of honor in the council. If we give them credit for voting according to their convictions, must we not do likewise for those who differ from them? I would here ask the druggists of the province to weigh well the arguments of this question. Do not accept assertions for facts, nor insinuations for charges. The interests of the college are dear to us or should be. It behooves us then to know both sides. That of the faculty has been freely aired in the Toronto press during the past few months. One writer signing himself "A Toronto Druggist," makes insinuations worthy of the man, which he dare not formulate into a charge over his own name.

There is the other side of this matter. The council have not yet spoken. They surely have something to say in defence of their actions. Let us wait then till we hear it. Thanking you for space in your valuable paper and wishing the CANADIAN DRUGGIST every success,

I am,

A COUNTRY DRUGGIST.

St. Marys, Nov. 8th, 1890.

"What the Students Say."

To the Editor of the CANADIAN DRUGGIST:

The *Canadian Pharmaceutical Journal*, which by the way is a misnomer, in recent issues gives a place to one or two communications with the above title. One of these students, a Mr. Douglass, of Collingwood, very kindly offers to be a mentor for those unfortunate druggists, who are not capable of seeing and judging for themselves. He offers us the benefit of his long experience, (he has been in business some two or three months,) and his valuable personal knowledge of the affairs of the Ontario College of Pharmacy, and of Pharmacy Colleges in general. Pray, where did he get his personal knowledge of the affairs of the Council and its relation with the College? Did he ever attend a meeting of the Council, or a meeting of any of the committees? Is he in the confidence of any of the members of the Council? I think not. Verily, the ways of our modern youth are beyond the comprehension of ordinary country druggists. We notice that in his first sentence he has seen in the public press, the attempts of the Council to justify their recent action in dismissing the present teaching staff—so called professors—of the College. I have before me all letters written for the press, by any member of the Council since that time, and only one of them, Mr. D'Avignon, of Windsor, deems it necessary to apologize to the profession for his vote and subsequent action. In the next paragraph he states that "Every druggist knows that the students should be and are the most deeply interested, &c." Who made Mr. Douglass the spokesman for every druggist? I do not know. I can speak for scores of active druggists who will not concede that the students are the most deeply interested parties, for why? The interest of the student centres in the result of the prescribed examination; the interest of the druggist in business centres in the thorough education and practical training that his son or apprentice may receive at that College, or of the graduate to whom he entrusts his business. To which of these, I ask, is the true welfare of the College more dear? I freely grant that it is from the faculty that the student directly receives his training, &c., but who are the faculty, but the employees of the Council, who in turn are merely the representatives of the druggists of the province? It is not with the students' money that the salaries are paid, but with the money of the druggists generally that do contribute, and have contributed, to the establishment of the College. Were there no students, nor students' fees whatever, the salaries would still have to be paid. True, the fees of the student go to swell the funds at the disposal of the Council, but as value is given by the Council, the money is no longer the students'. Without saying anything as to the ability or capabilities of the faculty, let us apply Mr. Douglass' own words about men who have never

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

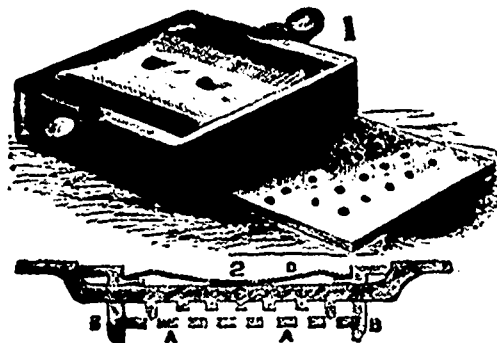
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that the word LISTERINE is justly and legally ours, that it is properly identified as such by registration in Canada, the United States and Great Britain. By a system of investigation we shall endeavor to secure for the Physician's prescription, the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

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Horses and Cattle (Oral) 6 Sizes. Horses and Cattle (Rectal) 3 Sizes.

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A FULL LIST OF OUR SANDALWOOD OIL PREPARATIONS:

Sandal, Pure, Sandal and 1-10 Cassia, Sandal and Copaliba, Sandal C C and Matico
Sandal and Cubeba, Sandal Cop and Cub. Compound Sandal, Sandal and Kava Kava,
Sandal Cub and Balsam Peru, Sandal Cop and Iron, Sandal C C and Camphor,
Sandal Cub and Buchu, Sandal and Blatany, Sandal and Iron.

Capsules to order. New Articles and Private Formulas a Specialty.

Capsuled Horse Balls, Veterinary Condition Powders and Ointments to order.

Specify **PLANTEN'S CAPSULES** on all orders.

Send for Samples and Formula Lists. Sold by all Druggists

taken a course of lectures nor passed an examination. The Council by their recent action, I consider, have taken a step towards securing for the student the best possible value for his money, and also of assuring to their constituents a thorough education for those that may choose to follow in their tread. Further down Mr. Douglass asks who should receive certain credits, &c. I will ask him a question and from his answer to it let him find one to his own. A customer purchased from Mr. Douglass' clerk an article that gives the utmost satisfaction. To whom is the credit due of selling only first-class drugs, to Mr. Douglass or his employee? Again, Mr. Douglass may have in his employ an assistant whose knowledge of drugs, &c., is profound, who is a first-class chemist, salesman, &c., but he does all in his power to injure his employer, he uses the means placed in his hands of injuring his business, &c. A change must be made. Who vacates, Mr. Douglass or his employee? The answer is plain. I, as an ex-student of the college cannot impugn the work done by the faculty. The principal is a gentleman towards whom I entertain feelings of the deepest respect, and to whom I am indebted for an insight into the mysteries and privileges of pharmacy and pharmaceutical chemistry. When I entered the college I knew practically nothing of these subjects, and after a short term—there were not two terms then—I passed fairly creditable examinations, making on these subjects and two others not less than 92 per cent., and on one as high as 98 per cent. Of Dr. Avison I can say nothing, he being a more recent graduate and teacher in the college, but I believe him to be a gentleman and a student. I am not disparaging either Mr. Shuttleworth nor Dr. Avison when I say the college can exist without them; they have not a monopoly of the brains of the profession (as some of our recent graduates would have us believe). They themselves will agree with me in saying that there are scores of men capable of teaching and lecturing in our college with acceptance, and from whom they may with profit take notes and learn.

It is somewhat amusing (especially as we have been there ourselves) to read the views of these students who, knowing nothing of any other Pharmacy College, imagine that because they have sat under Mr. Shuttleworth and Dr. Avison, they are in a position to dictate to the more experienced business men of the profession—a trifle fresh and more than a trifle venal.

The concluding paragraph is worthy of just a passing notice. The eight members of the Council who, according to Mr. Douglass, are willing to barter honor and principle for the sake of a petty spite, are gentlemen every one of them, and hold honored positions of trust in the gift of their fellow citizens.

Since writing the above I have been credibly informed that Mr. Douglass is not responsible for what appears over his

name, but that it emanated from Toronto—it is needless to say from whom. Is it possible that such is the case? And the same with a more recent article supposed to have been written by students in Quebec?

Trusting that I have not trespassed on your valuable space,

I am, yours, etc.,

AN EX-STUDENT.

London, Nov. 10th, 1890.

Improved Manufacture of Quinine.

Gammie's production of sulphate of quinine is a process which has received much attention from chemists, on account of its simplicity as well as perfect result. Briefly the bark is reduced to powder by means of a disintegrator, and passed through a scalper, the sieves of which are silk and have 120 meshes to the linear inch. This extremely fine powder in the proportion of 100 parts is mixed with eight parts of commercial caustic soda dissolved in 500 parts of water, and there are then added 600 parts of a mixture of fusel oil one part and kerosene oil four parts. Slake lime may be used instead of caustic soda, 15 parts of it being intimately mixed with the powdered bark before the water. The whole mixture is thoroughly agitated in barrels for four hours, then allowed to rest, and the oily layer drawn off from the top, this oil is again agitated for five or ten minutes with water acidulated with hydrochloric or sulphuric acid, the alkaloids being thus dissolved out from the oil; separation is again effected, the oil being transferred to the bark mixture and agitated with it for two or three hours, and is again drawn off and washed as before in the same acidulated liquor. This process is repeated a third or fourth time, or until it is found, by testing a small quantity of oil, that the bark has been thoroughly exhausted of its alkaloids. If the bark contains 1 per cent. of alkaloids, about two pounds of sulphuric acid mixed in 20 gallons of water are sufficient. In the after treatment of the acidulated solution of alkaloids, the solution is first neutralized with ammonia or soda and set aside to crystallize; and crystals are collected on a cloth and drained, then dissolved in about 50 times their weight of boiling water, and filtered hot through animal charcoal; on cooling after filtration, the crystals again form, and are separated as before from the mother liquor by filtration. The crystalline mass obtained is then placed in small lumps on sheets of white blotting paper stretched on slabs of plaster of Paris, and finally dried on blotting paper in a room heated ten degrees warmer than the open air.—*Pacific Druggist*.

Infusion of digitalis, according to Einar Larsen, assistant at the chemical laboratory of the University of Christiania, when completely sterilized and properly preserved will retain its full medicinal value indefinitely.

Colored Fires.

Chemists are frequently applied to for colored fires; the following will be found useful and good:

CRIMSON.

Take of
Sulphur..... 8 parts.
Carbonate of strontia..... 12 "
Chlorate of potash..... 30 "
Mix.

YELLOW.

Take of
Sulphur.... 9 parts.
Common soda (dried)..... 12 "
Chlorate potass..... 3 "
Mix.

BLUE.

Take of
Burnt alum..... 6 parts.
Carbonate of copper..... 6 "
Sulphur..... 8 "
Mix.

ORANGE.

Take of
Chlorate of potass..... 20 parts.
Sulphur..... 7 "
Chalk..... 16 "
Mix.

GREEN.

Take of
Boracic acid..... 5 parts.
Sulphur..... 8 "
Chlorate of potass..... 35 "
Mix.

WHITE.

Take of
Nitre..... 30 parts.
Sulphur..... 10 "
Charcoal..... 1 "
Mix.

PURPLE.

Take of
Chlorate of potass..... 30 parts.
Sulphur..... 8 "
Chalk..... 12 "
Mix.

NEW GREEN.

Take of
Chloride of barium..... 12 parts.
Chloride of thallium..... 4 "
Resin..... 2 "
Mix.

The best plan to use these fires is to make them into small cones, inserting a small piece of touch paper in the apex. In making colored fires powder each material separately, and dry them separately; mix them with the hand or a card. Each ingredient must be perfectly dry.

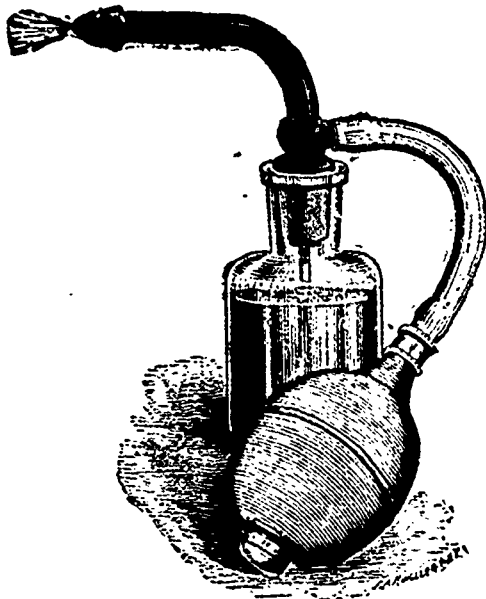
Colored fires are liable to spontaneous combustion, therefore never keep a stock far in advance, and what you have put in tins.—*J. C. A. in B. & C. Druggist*.

The British Museum is in possession of a whole collection of ancient Greek advertisements, which were dug up in the island of Kuidos, in the year 1758.

Euxanthone, the coloring principle of the very expensive yellow Indian dye known as piuri, has been artificially prepared by M. Groebe, a Swiss chemist.

HARD RUBBER ATOMIZERS BEST & CHEAPEST.

All Styles Continuous Spray.

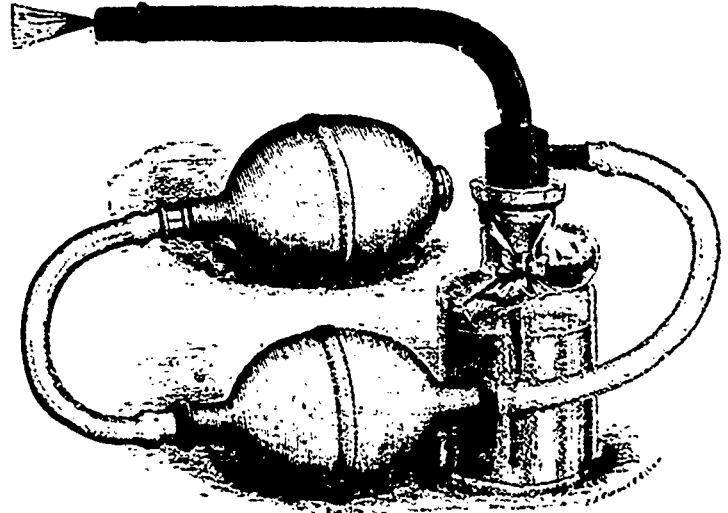


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- No. 109—Nasal only, 6.00 "
- No. 108—2 Tips, Throat and Nasal, 6.75 "



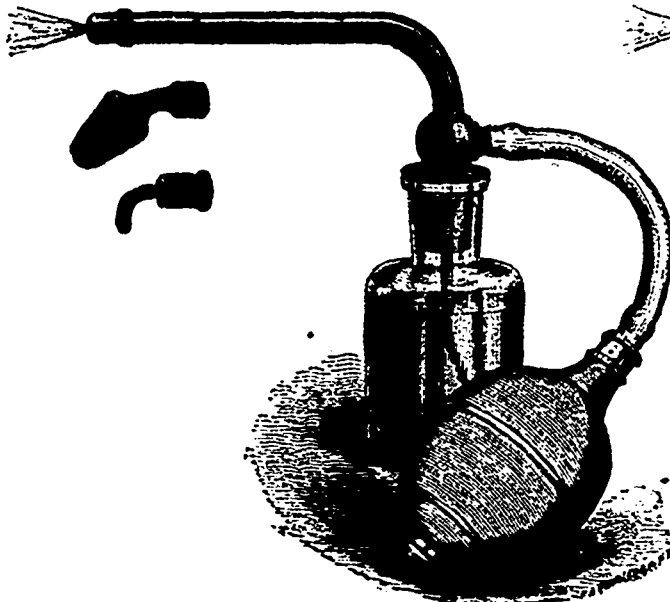
The
No. 110
is
UNEQUALLED
in value
by
anything
in the
market.



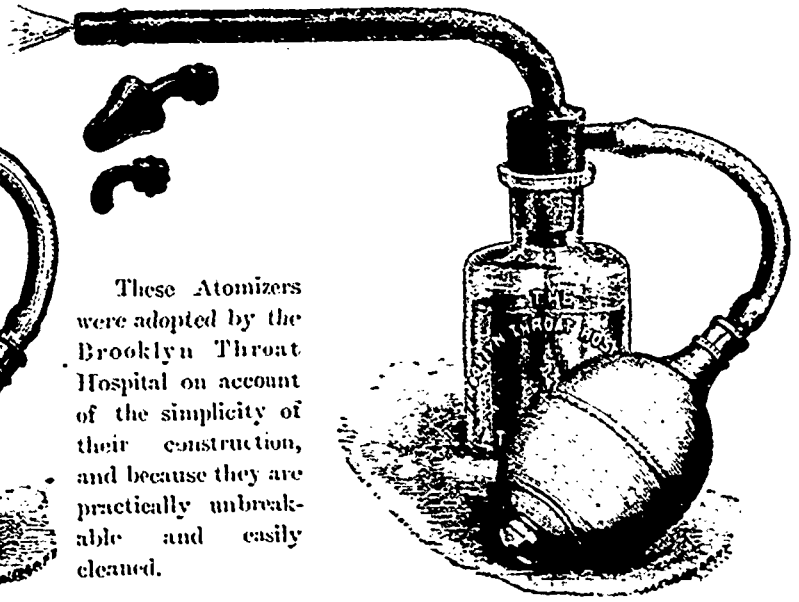
VASELINE ATOMIZER.

- Single bulb, \$10.50 per doz.
- Double bulb, 13.50 "

Any Atomizer with double bulb, extra per dozen, \$3.00.



- No. 102.—1 Tip, Throat, \$6.00 per doz.
- No. 103.—2 Tips, Throat and Nasal, 7.50 "
- No. 104.—3 Tips, Throat, Nasal, Larynx and Post-nasal, 9.00 "
- (The Larynx tip revolves, thus answering for up and downward spray.)
- No. 105.—3 Tips with double bulb, \$12.00 per doz.



These Atomizers were adopted by the Brooklyn Throat Hospital on account of the simplicity of their construction, and because they are practically unbreakable and easily cleaned.

THE "BROOKLYN THROAT HOSPITAL."

- No. 40.—1 Tip, Throat, \$ 8.00 per doz.
- No. 50.—2 Tips, Throat and Nasal, 10.00 "
- No. 60.—3 Tips, Throat, Nasal, Larynx and Post nasal, 12.00 "
- Any No. with double bulb, extra per dozen, \$3.00.

SPECIAL OFFER.—We will allow 10 per cent. discount to anybody sending us an order for three dozen assorted Atomizers within 60 days.

ELLIS & GOLTERMANN, Manufacturers,

28 COLLEGE PLACE, NEW YORK.

FORMULÆ.

ALMOND MEAL.

Take of

1. Ground almonds.....	1 lb.
Wheat flour.....	1 lb.
Orris root powd.....	1 lb.
Oil lemon.....	1/2 oz.
Oil bitter almond.....	1/4 dr.

Or

2. Almonds powd.....	1 lb.
White Castile soap, dry and powd.....	1/2 lb.
Orris root powd.....	2 ozs.
Pumice stone, fine.....	6 "
Oil bitter almonds.....	2 drs.

ALMOND PASTE FOR TOILET PURPOSES.

—A semi-liquid paste as an application to chapped hands, &c., may be made as follows:

Take of

White Castile soap.....	1/2 oz.
Benzoated lard.....	1 oz.
Glycerine.....	2 fl. ozs.
Rose water.....	8 fl. ozs.
Oil of bitter almonds.....	a sufficiency.

Dissolve the soap in about 4 ounces of water, melt the pomade, and put in a hot mortar; gradually add the solution of soap, stirring constantly; lastly, add the rest of the water mixed with the glycerine; when cold, add enough essential oil of almonds to perfume.

CHERRY TOOTH PASTE.

Take of

Precipitated chalk.....	1/2 lb.
Powdered orris root.....	1/2 lb.
Powdered cuttle fish.....	2 ozs.
Finest powdered pumice stone.....	2 ozs.
Carmine.....	2 drms.
Oil of cloves.....	1/2 dram.
Oil of wintergreen.....	5 drops.
Otto of rose.....	10 "
Essential oil of almonds.....	20 "
Honey.....	1/2 lb.
Glycerine.....	sufficient to form a paste.

CHERRY TOOTH PASTE.

Powdered alum.....	1/2 oz.
" orris root.....	1 1/2 ozs.
Precipitated chalk.....	1 1/2 ozs.
Cream of tartar.....	1 1/2 ozs.
Cuttlefish bone.....	1 1/2 ozs.
Powdered cochineal.....	1 oz.
Glycerine.....	3 ozs.

Mix together, and pour upon the powder 6 oz. boiling water; stir until effervescence ceases, and heat the mass until it is of a proper consistence, then add

Oil of cloves.....	15 drops.
Oil of bitter almonds.....	20 "

Mix.

ARECA NUT TOOTH PASTE.

Chlorate of potash.....	30 grains.
Powdered areca nut.....	1 oz.
Glycerine.....	2 drachms.
Oil of cassia.....	3 drops.
Water.....	a sufficiency.

Mix.

MILK OF ROSES.—The following is a good formula of the almond emulsion type:

Blanched almonds.....	2 ozs.
Warm water.....	8 ozs.

Emulsify and add

Curd soap.....	1/2 oz.
Spermaceti.....	1/2 oz.
Almond oil.....	1/2 oz.

The two latter ingredients should be heated together, then poured into a warm

mortar, triturated with the soap, and the warm emulsion gradually incorporated with it. Then add the following solution:

Otto of rose.....	8 drops.
Oil of bergamot.....	1 drachm.
Essence of musk.....	15 drops.
Simple tincture of benzoin.....	1 drachm.
Rectified spirit.....	1/2 oz.

FOR CHAPPED HANDS.—Dr. Steffen, of Regensdorf, warmly recommends the following application for chapped hands.

Take of

Mentholi.....	1.5 grammes.
Saloli.....	2.0 "
Olei olivarium.....	2.0 "
Lanolina.....	50.0 "

M. f. unguentum.

D. S.: To rub into the hands twice daily.

Pain is said to be alleviated even after the first application; the skin soon becomes softer, fissures rapidly heal, etc.—*Prov. Med. JI.*

ABSOLUTELY INDELIBLE INK. — The following, according to the *Pharmaceutische Zeitung*, is the formula for the indelible marking ink used in the German marine and naval service:

Nitrate of silver.....	125 parts.
Liquor of ammonia.....	250 "
Soda (commercial).....	175 "
Mucilage of aencia.....	375 "
Boiling water, sufficient, or.....	125 "

Dissolve the nitrate of silver in the caustic ammonia in one vessel and in another dissolve the soda in the boiling water, and mix the solutions. Finally add the mucilage, and place the mixture in the sun until it turns brown.

REMEDY FOR CORNS.—Corns can be successfully treated by painting them with the following mixture:

Take of

Acidi salicylici.....	1/2 drachm.
Acidi lactici.....	1/2 "
Collodii.....	1 ounce.

M. Sig.—To apply by means of a brush.

The foot should be kept for a few minutes in very hot water before each application (in order to soften the corn, and to make it thus more penetrable for the acids). The adjacent healthy skin should be protected from any irritating action of the acids by powdering with iodoform. Even very large and thick horny deposits on the soles are said to fall off in toto after six or seven applications.—*The Doctor.*

TOLU CHEWING GUM.—Take 3 1/2 pounds gum chicle, paraffine 1 pound, balsam tolu 2 ounces, balsam of Peru 1 ounce, dissolve the gum in as much water as it will take up; melt the paraffine and mix all together, then dissolve 10 pounds of granulated sugar, and 4 pounds of glucose in 3 pints of water; boil to "crack" degree and pour the syrup on an oiled slab and work into it sufficient of the gum mixture to make it tough and plastic. It may be flavored with cinnamon, chocolate, myrrh, ginger, sandal-wood, etc. When cool roll into sticks.

Sulphuric acid has been prepared by Hempel by the direct union of sulphur and liquefied oxygen.

THE LONDON DRUG CO. KERRY, WATSON & CO.
LONDON. MONTREAL.

In Stock:

Howard's Epsom Salts, 112 lb. kegs
" Glauber Salts, " "
" Phosphate Soda, " "
" Cocaine Mur, 1 oz. & 1/2 oz. vials.
B. M. & Co.'s Baking Soda, 112 lb. kegs. (Recommended for Baking Powder.)
Hydrogen Peroxyd, Rene's, 1 lb. bottles. Medicinal and for Hair Bleaching.
Hydrogen Peroxyd, Marchand's, 1 lb. bottles. Medicinal and for Hair Bleaching.
Howard's Ammon Carb Pur., 1 lb. bottles. Free from Tar products.
Orexin, Hydrochlo., Exalgine.

Full lines of DRUGGISTS' SHOP BOTTLES
always in Stock.

Handsome Show Cases in Walnut, Mahogany, or
Rosewood, six feet, bent front, \$18.50 Cash f.o.b.,
well and carefully packed.

AGENTS FOR

Eugene's Corn Salve, a neat thing,
Major's Cement,
Gray's Syrup Red Spruce Gum,
Kern's Cure,
Centemiline,
Tolu, Tar and Tamarac.

10 Tons of Sublimed Sulphur Arriving.

The London Drug Co.

WHOLESALE DRUGGISTS,

LONDON, ONTARIO.

Direct Importers.

DID YOU HEAR ABOUT
—THIS?—

Pennyroyal Wafers

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

NOT A DRUGGIST

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

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

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

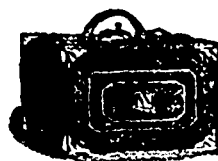
Address to Main Office,

Eureka Chemical Co.,

10 & 12 Michigan Ave.,
DETROIT, MICH.

REVOLUTION.

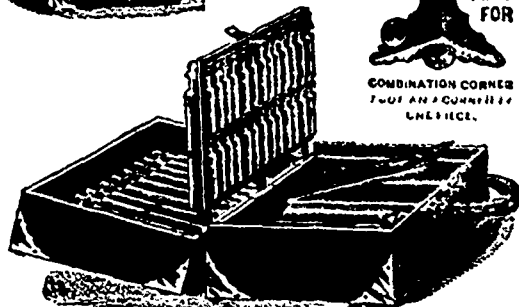
No more destruction of leather loops or spilling of remedies.



METAL SPRING.
Pat. July 31, 1890.



PAT. APD FOR
COMBINATION CORNER
TWO ANGLE CORNERS
UNLITICE.



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

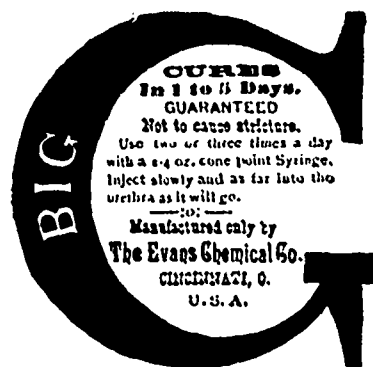
No. 1890 BUGGY CASE—OPEN.

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

No. 1890 Medicine Case contains 5 two ounce bottles, 26 three drachm vials, and 26 one ounce vials. Space for powder papers, loops for instruments, etc. Dimensions, 12 inches long, 7 1/2 inches high, and 5 1/2 inches wide. Case made of black grained leather, leather lined, and mounted with nickel combination corners, nickel spring lock with key, and nickel name plate. Price, \$14.00. Send for full descriptive circular.

Western Leather Mfg. Co.,

SOLE MANUFACTURERS,
151 and 153 Fifth Avenue, CHICAGO.



CURE
In 1 to 5 Days.
GUARANTEED

Not to cause sterility.
Use two or three times a day
with a 6-4 oz. cone point Syringe.
Inject slowly and as far into the
urethra as it will go.

Manufactured only by
The Evans Chemical Co.
CINCINNATI, O.
U. S. A.

TRADE MARK.

INJECTION "G"

OUTSELLS ALL SIMILAR PREPARATIONS COMBINED.

The most effective and at the same time an absolutely
NON-POISONOUS cure for

GONORRHOEA & GLEET

All Druggists, who are in the habit of pushing reliable Goods only,
are advised to carry **Big G** in stock. Once started, it soon
becomes a rapid seller, and remains staple.

Order so as to Avoid Risk of Freezing in Transit.

Retailing at \$1.00—1 dozen Big G @ \$ 8.00 gives 50 per cent. profit.
3 " " @ 23.25 " 55 " "
6 " " @ 45.00 " 60 " "

The manufacturers, THE EVANS CHEMICAL CO., Cincinnati,
O., will furnish advertising matter, with dealers' card, free upon request.

MERZ COMPOUND SANDALWOOD CAPSULES

E. I. SANDALWOOD,

BALSAM COPAIBA,

HAARLEM OIL,

OIL OF CASSIA AND SODA CARBONATE, C. P.

Each Capsule Containing 10 Minims.

LIST No. 17.

ELASTIC FILLED.

}	Size A—1 dozen in box.
	" B—2 " "
	" C—3 " "
	" D—100 " "

LIST No. 128.

HARD FILLED.

Treatment same as in E. I. Sandalwood.

PRESCRIBED BY PHYSICIANS EVERYWHERE.

In Prescribing or Ordering Specify **MERZ.**

Send for Formula List of Standard and Special Formulae.

EMPTY CAPSULES all sizes, in METAL TINS of 1000, and in Boxes of 100.
Quality Guaranteed.

THE MERZ CAPSULE CO.,

Detroit, Mich.

CANADIAN DRUGGIST.

WM. J. DYAS, EDITOR AND PUBLISHER.

NOVEMBER 15th, 1890.

THE *Chemist and Druggist* (London, England) says "the total number of drug stores in Ontario is 301." Perhaps it would surprise our contemporary to learn that there are over 900 "drug shops" in this province, and the City of Toronto alone claims nearly 150 of these.

THE proprietary medicine manufacturers of the United States evidently see a good field in Canada for the sale of their goods. Within the last few months Messrs. Donald Kennedy, Roxbury, Mass.; Henry K. Wampole & Co., Philadelphia; O. F. Woodward, LeRoy, N. Y.; C. I. Hood & Co., Lowell, Mass.; Wm. Radam Microbe-Killer Co., Cleveland and Chicago, have all opened depots for the manufacture and sale of their preparations, and we understand the firms owning St. Jacob's Oil, August Flower and Shiloh's remedies are each of them contemplating pushing more extensively the sale of their goods.

IN ANOTHER column appears an open letter to the druggists of Ontario, from members of the Council of the Ontario College of Pharmacy. The President, Mr. John A. Clark, is from home in the Western States, which we suppose accounts for his name not appearing. We believe the Council are acting judiciously in thus proposing to place the matter before their constituents. The more light that is thrown on a matter of this kind and the more thorough acquaintance with the general working of the College and the Council, so much the more will it tend to make all members of the profession take a more lively and intelligent interest in their affairs.

IT IS A matter for regret that the effort of the druggists of Prince Edward Island to form a Pharmaceutical Association and restrict the sale and dispensing of drugs and medicines to qualified persons only, should have been defeated in the recent meeting of the Legislature of that province, owing principally, it is said, to the opposition of a number of general store-keepers who hold seats in that body. The proposed act was framed very much on the lines of that now in force in Ontario. We would say to our *confreres*, persevere, and ultimately you must succeed, as the sympathy of the public and a more intelligent understanding of these matters by our legislators will eventually enable you to carry your point.

ACCORDING to the Philadelphia *Record* since the passage of the McKinley Bill the prices of most of the drugs have gone up sky high in that city. About the only drug that is not directly affected by the bill is quinine, and that commodity is on the free list. A visit to several drug stores showed that prices had been elevat-

ed since the passage of the bill from 10 to 33 per cent. This is true of every article sold in the drug store that comes from foreign lands. The domestic drugs will be influenced indirectly, because by a general understanding among druggists the increase in prices will be averaged and distributed among the different foreign and domestic articles. All brushes, perfumeries, and toilet soaps have been increased in price fully 33 per cent. There are large quantities of necessary drugs that will be increased from 10 to 15 per cent. Of course the percentage will be equalized by distributing it among the different drugs. An inventory of the stock in a leading Philadelphia drug store shows that it was worth at least 14 per cent. more after than before the McKinley Bill passed. It must not be lost sight of, however, that the duty on most drugs, properly so-called, has not been advanced. But on nearly all articles of packing, and all put-up preparations, it has been increased.

THE problem of "How to fight the cutter" was one of the subjects for discussion at the meeting of the American Pharmaceutical Association held at Old Point Comfort, Va. Amongst those who spoke on the subject were Messrs. Ebert, of Chicago, and J. A. Clark, President of the Ontario College of Pharmacy, whose remarks taken from the *National Druggist* are given below. This is a vital question, one affecting particularly the larger centres, and that can be checked only by vigorous methods. What can be accomplished in Chicago may also be done in other places and this result is due in a great measure to "organization." Mr. Eberts, Chicago, says: The way it was done was this: A few men in one ward came together and said: "We in this ward will not sell goods for less than their market value, or regular retail value," and they adhered to it. They were the nucleus. The movement spread over the city till nearly all the principal druggists in the city united and formed the Chicago Retail Druggists' Association. There are 34 wards in Chicago. Each ward came together and formed a central organization, formed a constitution and by-laws, elected a president, secretary, and treasurer, and a board of three directors; the dues were fixed at \$1 a year. Every ward was organized in this way. They were united with the central organization, to which the ward associations have the privilege of sending one delegate each. That organization meets once a year. The ward organizations meet once a month. This organization was effected some four years ago, and to-day there is not a cutter in Chicago, outside the department stores. According to our arrangement, any complaint as to rate-cutting is made by the aggrieved party to the ward committee of three appointed for that purpose. They investigate and take measures to prevent it if necessary. If another party in an adjacent ward causes the trouble, complaint is made to the directors of the com-

plaintant's ward who notify the directors of the offender's ward.

Mr. Clark, Hamilton, Ont.: There was a good deal of practical information given by Mr. Hallberg. I also approve strongly of the remarks made by Mr. Ebert. In our city we suffered from rate cutting until about 1884, when business had become so demoralized that we were forced to form a local organization, which we did in such a way that it would stick. We prepared a constitution and by-laws that took in every man, except the one who wanted to take advantage of his neighbor—in six months he was glad to come before the association and agree to live up to its requirements. From this one organization we have now 10 in the province. We meet once a month, and have a regular form of business. We do not forget the social side. We meet in general session once a year. We do our utmost to create a spirit of harmony among neighbors in trade and with very great success. In an association where members are suspicious of each other no good can be accomplished. You cannot do this in an organization of 20,000 or 30,000 druggists, but you can do it in small organizations where interests are identical. Local interests differ, and each requires its special treatment. On one occasion a manufacturer of proprietary goods cut rates, and on being requested by the association to end it and prevent his goods getting into the hands of rate cutters, intimated that he would run his business to suit himself. Thereupon he started sending out circulars offering these low rates. Unanimous action was taken, and whenever his goods were enquired for at the druggists, the customer was informed that they were not to be had; they were not recommended. The result was, his trade dropped off to such an extent that he became willing to do the right thing, and came to our terms.

Nitrate of Amyl.

Manufacturers tell us that there is a fair demand for this chemical, but few know what it is used for. Dr. W. B. Richardson states, in regard to its therapeutic properties, that in its general effects it agrees with the nitrite, except that a longer time is required for the development of symptoms from it, and a longer time is demanded for the process of recovery from its influence. The quantity necessary to produce decisive results is the same as with the nitrite; but the nitrate is not so pleasant a substance to administer, and when administered by inhalation is not so conveniently applied.—*Chemist and Druggist*.

CLEARING COLLODION.—Collodion, which is often slow in settling and clearing after preparation, may, according to the *Photo. Archiv.*, be entirely cleared by shaking it up with clean quartz sand. This carries the flocks and impurities to the bottom with it, and leaves the liquid above entirely clear.

COLLEGE OF PHARMACY
HARVARD

BRONCHIAL SYRUP

A Marvellous Remedy for all
all forms of

Coughs, Colds, Bronchial Throat
or Lung Troubles.

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

It emanates from the highest Medical
source in America.

For Sale by all the Wholesale Trade.

For Sale by all Retail Dealers at

Large Size Bottles, - 25 cents

Extra Large Size Bottles, 50 cents

One-half the price of inferior remedies.

A. J. LAWRENCE,

Sole Proprietor and Manufacturer
for Canada,

MONTREAL,

QUEBEC.

To the Chemists and Druggists of the Pro-
vince of Ontario:

GENTLEMEN,—As your representatives
on the Council Board of the Ontario Col-
lege of Pharmacy, we have found it
necessary in your interest to make certain
radical changes in the management and
affairs of the college. In order that you
may be in possession of the facts which
have led us to make these changes a com-
plete statement is being prepared which
will be laid before you in due time, which
statement we feel assured will convince
you that these changes are absolutely
necessary in the best interests of our
college, and that we are not prompted by
personal feeling. Until then we ask you
not to be influenced by the one-sided and
untruthful statements of interested parties,
anonymous writers and petitions.

Your obedient servants,

JOHN J. HALL, Woodstock,
JOHN MCKEE, Peterborough,
J. W. SLAVIS, Orillia,
A. B. PETHIE, Guelph,
G. S. HOBART, Kingston,
C. K. MCGREGOR, Brantford,
J. H. MCKENZIE, Toronto.

Sodium Sulpho-Oleate as a Base
for Ointments.

This has the good properties of being
soluble in water, therefore may be easily
washed off wounds, &c., and of being
readily absorbed by the skin. It has also

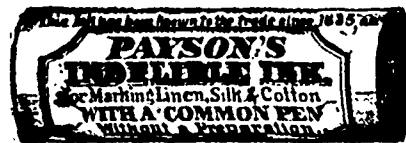
good solvent properties, especially for sul-
phur and chrysarobin. It is made by de-
composing fats with sulphuric acid, treat-
ing the resulting sulpho-oleic acid with
solution of caustic soda for some time,
stirring often, transferring the mixture to
a separating funnel, collecting the upper
layer, which, when evaporated, is the
product sought. It should be of the con-
sistency of vaseline. If gelatine be mixed
with this preparation in the right propor-
tions a good base for plasters is obtained.
By mixing it with sufficient water a lin-
iment is obtained possessing all the proper-
ties of glycerine.

Postage stamp mintage is made by
dissolving one pound of gum dextrin in a
pint of boiling water, straining through
flannel and adding 2 oz. of acetic acid.
When nearly cold add 4 oz. of alcohol,
stir constantly and finally enough warm
water to make one quart.

Wanted.

WANTED—Second-hand Copy of the National U. S.
Dispensary. Must not be of any older issue than
about 1884, and in good condition. Address, stating price
wanted, Box 99, Paris, Ont.

THE OLDEST. - THE BEST.



Trade Supplied by all Wholesale Druggists.

UNDER PATRONAGE OF U. S. GOVERNMENT.

ESTABLISHED 1860.

HERMAN BECKER.

FREDERICK BAXTER.

The Philadelphia Truss Company!

(Successors to S. S. Ritter & Co.) Inventors and Sole Manufacturers of

THE CHAMPION TRUSS

AWARDED
GOLD MEDAL AT NEW ORLEANS.

AWARDED
SPECIAL MEDAL AT CENTENNIAL.

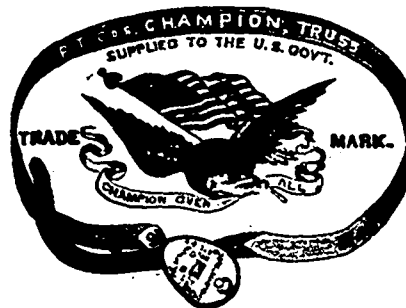
MANUFACTURED FOR

U. S.

Army, Navy & Pension Departments.

ALSO

U. S. MARINE HOSPITAL SERVICE.



GENUINE BEAR OUR

Firm Name, Dates of Patents,
and also our Trade Mark

"CHAMPION"

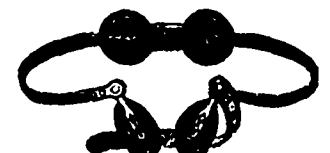
On Plate of Each Truss.

ALSO MANUFACTURERS OF THE

NEW INDESTRUCTIBLE VULCANOID TRUSSES AND ADJUSTABLE ABDOMINAL SUPPORTER

(best in use) and all kinds of Spring and Elastic Trusses, Abdominal
Supporters, Elastic Stockings, Belts, Shoulder Braces, Suspensory
Bandages, and Headquarters for Crutches,

Hard Rubber Trusses, Supporters, &c.



The Philadelphia Truss Co.'s Genuine are made from "Rubber" specially cured for "Trusses," and less liable to crack or peel off than
other makes. The Springs are made of a superior quality of "Malleable Steel," and can be bent or shaped to fit any form of body. We make the
most complete line of the finest finished goods ever offered to the trade, and at prices from 25 to 50 per cent. lower than any other house.

PHILADELPHIA TRUSS COMPANY,

610 Locust Street, (P. O. Box 1207) PHILADELPHIA.

DEPOTS: Montreal, Que.

Toronto, Ont.

London.

SEND FOR CATALOGUE AND PRICE LIST.

The Preparation of Certain Pills.

The *Bulletin du Syndicat des Pharmaciens du Département du Nord* publishes the following concerning the preparation of pills of some refractory substances, which we translate entire:

For pills of calomel manna is an excellent excipient, but the following gives an equally excellent mass:

Calomel 18 grs.
Tragacanth in powder 2 "
Confection of rose, q. s.

Make into a mass, and divide into twelve pills.

Camphor prescribed in pilular form, either alone or with ammonium carbonate often puzzles beginners. The best method of procedure is as follows: Pulverize the camphor very finely with the aid of alcohol, and make a mass at once with glycerin and tragacanth. This answers for pills of camphor alone, or camphor and ammonium carbonate.

Corrosive sublimate, when prescribed in pills, should be pulverized very finely with two or three times its volume of milk sugar. When combined with other ingredients the latter should be added little by little. According to some authorities, sublimate and similar remedies should never be prescribed in pilular form, but given in solution. This is an application of the maxim of the old chemists, "*Corpora non agunt nisi soluta.*"

Extract of cascara sagrada is made into a good mass with licorice and tragacanth. These pills should always be coated if it is desired that they should preserve their shape.

For carbolic acid the excipients usually employed are wheat flour, soap powder, powdered tragacanth, and glycerin, marsh mallow and glycerin, etc. The choice depends largely upon the nature of the mass, as will be seen by the following examples:

Take of

Subnitrate of bismuth gr. xviii.
Carbolic acid gr. j.

Mix, and make one pill.

To make a good mass proceed as follows: Add a half grain of soap to the phenol, mix with the bismuth, and add a few drops of glycerin and some powdered tragacanth:

Take of

Podophyllin gr. j.
Compound rhubarb pill gr. xviii.
Phenol gr. vj.

Mix, and make a mass. Divide into six pills.

In this case you mix the carbolic acid with a little soap, add the pulverulent ingredients of the compound rhubarb pill, and, finally, the podophyllin. Powdered gum arabic and simple syrup complete the mass.

Croton chloral (butyl-chloral) should never be dispensed with excipients like confection of roses, extract of gentian, etc. It is best always to use colorless or white excipients with white medicaments. A very excellent mass for butyl-chloral is made with a mixture of powdered gum arabic, tragacanth, and simple syrup.

Pills of calcium chloride are not very easily silvered. In order to get a good result make the mass with Canada balsam and after the pills are rolled envelop them in balsam of tolu dissolved in ether. At the end of five minutes moisten them with a little mucilage, and then silver *secundum artem*. Chloride of calcium being very deliquescent even when thus protected, the pills should be dispensed in well-stoppered bottles instead of boxes.

There are two processes for making pills of creosote, both of which are taken from the *Bulletin de Pharmaci de Lyon*, as follows:

1. Melt 2 parts of white wax, and when cooled nearly to setting add 4 parts of creosote and 1 part calcined magnesia. Let the mass stand two or three days before dividing into pills. If it becomes too hard to handle, warm gently until it is of the right consistency. The length of time of standing may be shortened by adding a few drops of water to the calcined magnesia.

2. This process consists in adding an amount of gum arabic equal to the creosote, emulsifying with a few drops of water, and bringing the emulsion to pilular consistency with powdered marsh-mallow. When making up in quantity, use equal parts of creosote, gum arabic, distilled water, and marsh-mallow. The pills should be covered on account of the acidity of the creosote.

M. Ferrand, the well-known Paris pharmacist, prefers Martindale's process, as follows: Introduce into a flask with a large mouth equal parts of creosote and neutral soap, cork and agitate until well mixed; place on a water-bath, and bring to fusion, agitate, and let cool. The resultant mass mixes easily with almost any other substance, and the creosote is not altered as it is when chalk, magnesium carbonate, or calcined magnesia is used. The soap must be neutral and dry, and that made from animal fat is preferable to vegetable fat soaps, as it gives a more consistent mass. It will not be necessary to heat the mixture higher than 212° F.

U. S. Tariff Duties on Drugs.

The duties on principal drugs, &c., our American friends have to pay under the McKinley Bill will no doubt interest our readers. We may say these changes will affect our market very little, if any, as many of these goods have been bought in the U. S. for convenience sake, but by ordering in advance can be had from England at former prices, subject of course to market fluctuations:

Acid -Boracic, four cents a pound;
chronic, six cents a pound; citric, ten cents a pound; sulphuric, one fourth of one cent a pound; tannic, seventy-five cents a pound; tartaric, ten cents a pound.

Alcoholic perfumery, \$2 a gallon and 50 per cent. ad valorem.

Alum, six-tenths of a cent a pound.

Ammonia carb., 1½c a pound.

" murias, ¾c a pound.

Blue vitrol, 2c a pound.

Borax, refined, 5c a pound.

Camphor, refined, 4c a pound.

Chalk, precip. or prep., 1c a pound.

Chloroform, 25c a pound.

Collodium and compounds, 50c a pound.

Copperas, 3-10 of 1c a pound.

Drugs such as barks, advanced in value by grinding or refining 10 per cent. ad valorem.

Beans, berries, balsams, &c., 10 per cent. ad valorem.

Ether, sulphuric, 40c a pound.

Ether, nitros, 25c a pound.

Glycerine, refined, 1½c a pound.

Iodine, resub., 30c a pound.

Iodoform, \$1.50 a pound.

Licorice, 5½c a pound.

Magnesia, carb., 4c a pound.

" sulphate, 3-10 of 1c a pound.

Oil, castor, 80c a gallon.

cod liver, 15c a pound.

croton, 30c a pound.

essential, 25 per cent. ad valorem.

peppermint, 80c a pound.

Opium preparations 40 per cent. ad valorem.

Opium for smoking, \$12 a pound.

Sal Rochelle, 3c a pound.

Santonine, \$2.50 per pound.

Sponges, 20 per cent. ad valorem.

Strychnia, 40c an ounce.

Tartar, cream of, 6c a pound.

Glassware, green, 1c a pound.

flint, 60 per cent. ad valorem.

chemical, 45 per cent. ad valorem.

Quicksilver, 10c a pound.

Free list—Assafœtida, bark cinchona, bismuth, bromine, camphor crude, cobalt, cochineal, dandelion root unground, drugs in crude state, ergot, iodine crude, ipeacac, jalap, leeches, lime chloride, madder, manna, musk in pods, nux vomica, opium crude, containing 9 per cent. or over of morphia, potash nitrate crude, potash chlorate, punice, quinia sulphate and all salts of cinchona, saffron, seeds not edible, spices whole, storax, sulphur crude, Tonquin beans, vaccine.

Salol as a Surgical Dressing.

At a recent meeting of the Hunterian Society Mr. Corner brought under notice series of cases illustrative of the antiseptic power of salol as a dressing for wounds, after the part had been rendered aseptic by a 1-in-20 solution of carbolic acid. He did not claim for it greater power than iodoform, and probably other antiseptics, but it had advantage over some. Salol, he said, possesses a pleasant aromatic odour, can be used freely without fear of irritation or poisoning, is absorbent of moisture, which drying forms a hard but friable covering. It will prevent putrefaction, but it will not destroy it when once established. It has been used for several years at the Poplar Hospital, and with excellent results, in compound fractures and dislocations; also as a dressing in amputations, minor and major, and in compound comminuted and depressed fractures of the skull.

FRED'K STEARNS & CO.,

(ESTABLISHED 1865—26 YEARS.)

**Manufacturing Pharmacists,
DETROIT, MICHIGAN, U. S. A.**

WINDSOR, ONT. SAN FRANCISCO, CAL.
NEW YORK CITY.

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:

PILLS AND GRANULES

Sugar, Gelatin and Pearl Coated, Tinted Granules. In bulk or boxed, with buyer's name.

FLUID EXTRACTS,

Elixirs, Wines, Tinctures, Solutions, Ointments, Cerates.

Syrups—Medicinal and Medicated.

Concentrated Liquors for Extemporaneous Use.

DIGESTIVE FERMENTS,

Pepsin Pure, Saccharated, Lactinated; Pancreatin Pure and Saccharated.

LOZENGES, MENTAL PENCILS AND INHALERS.

SAXOLINE,

Plain, Perfumed, Medicated; Its Preparations and combinations.

CASCARA SAGRADA,

In form of Fluid and Solid Extracts, Cordial, Pills, Granules, Capsules, etc.

PLASTERS,

In Roll, Porous, Court and Surgeons'.

Perfumes, Handkerchief Extracts, Toilet Waters, Sachet Powders, Etc.

Soda Water Requisites, Soluble Essences, Flavoring Extracts, Etc.

National Formulary Preparations—Elixirs, Wines and Syrups.

NON-SECRET MEDICINES

Were originated by us fourteen 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.

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' Effervescent Granular Hydrobromate Caf. fine.

Caffeine Seidlitz—Very efficient headache remedy. Improved Bronchial Lozenges—Very soluble. Put up in bulk and in boxes. Sample sent upon application.

Licorice and Tolu Tablets. The ideal Inhaler (Mentholized Air)—For catarrh, cold in the head.

Tonic Hypophosphites—Replaces trade-marked and proprietary syrups at half the price.

Stearns' Fluid Extract Myrcia (Bay Rum Essence)—Highly concentrated, giving true odor of the Bay Leaf.

Fluid extract Yerba Santa—For disguising the taste of quinine.

Fluid extract Cascara—Modified. Free from bitter taste. Full strength.

Fluid extract Golden Seal (Colorless). Import 4 Tooth Soap—The best dentifrice made. In colored lithographed hinge-top tin boxes.

CORRESPONDENCE SOLICITED.

FRED'K STEARNS & CO., Windsor.

GLUTEN FLOUR.

This article is highly recommended in cases of Diabetes, as the Starch is mainly converted into dextrine. Many physicians recommend it in stead of the imported article. It has now been tested for six years.

DESICCATED WHEAT

For the cure of Dyspepsia. This is the best dietetic known for Indigestion, Constipation and Gastric Derangements.

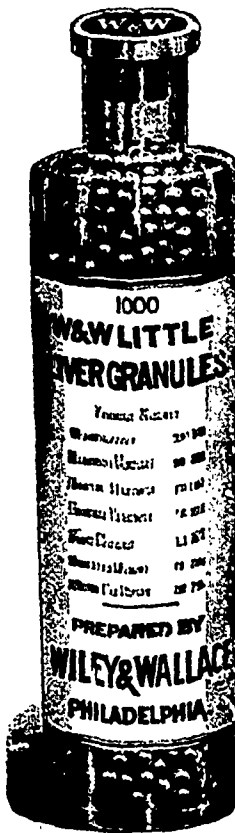
BARAVENA MILK FOOD

For Infants. It is a compound of prepared Wheat, Milk and Sugar, and has had six years successful run. In many cases its results are remarkable. Retail at 10c. per tin.

THE TRADE SUPPLIED BY

The Ireland National Food Co. Ltd., Toronto.

W. & W. LITTLE LIVER GRANULES.



Sugar-Coated, White or Pink. Plain or Gelatine Coated.
SMALL, PLEASANT, PROMPT, EFFECTIVE.

1,600, 90 Cents. 5,000 (one bottle) \$1.25. 10,000 (one bottle) \$2.00. } Buyers Address.

FORMULA.

Alain, 1-10 gr.; Jalapin, 1-10 gr.; Podophlin, 1-10 gr.; Ext. Hyocyanus, 1-20 gr.; Ext. Nux Vom. 1-20 gr.; Oleo. Res. Capsid, 1-25 gr.



E. AULD'S

PURE

MUCILAGE

Sticks Everything

BUT THE BUYER.

OFFICE AND FACTORY,

759 Craig Street, - MONTREAL.

T. MILBURN & Co.

55 Colborne Street,

TORONTO, ONTARIO.

SPECIALTIES :

- Burdock Blood Bitters, Burdock Healing Ointment, Burdock L. and E. Plaster,
- Burdock Pills, Victoria Hypophosphites, Victoria Balm for and U. S. Crst,
- 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 Cough Syrup, Dr. Fowler's Extract Strawberry,
- Dr. Boyer's Galvanic Fluid, Dr. Fife's Worm Lozenges, National Pills,
- Egyptian Salve, Dr. Abernethy's Warm Candy, Freeman's Sootion, Syrup,
- Freeman's Worm Powders, Freeman's New Domestic Dye, Dr. Low's Worm Syrup,
- Dr. Low's Sulphur Soap, Dr. Low's Pain Cure Oil, Milburn's Beef, Iron and Wine,
- Milburn's Quinine Wine, Roscoe's Hair Restorer.

C. C. BRIGGS & SONS

25 King St. West,

Hamilton, - Ont.

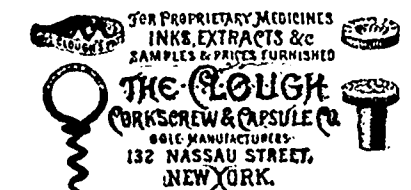
SPECIALTIES :

- Briggs' Black Oil, Briggs' Life Pills, Briggs' Electric Oil,
- Briggs' Magic Relief, Briggs' Botanic Bitters, Hope's Magnetic Ointment,
- Hope's Anodyne Toothache Drops, Prof. Kennedy's Combination Pills, Wistar's Pulmonic Syrup,
- Lamont's Baby Cordial, Sitzer's Worm Candy, Sitzer's Worm Syrup,
- Leistershire Tick and Vermin Destroyer, Kennedy's Fourter and Hoof Ointment, Golden Eye Salve,
- Star Cement, Wade's Condition Powders, Clarke's Female Pills,
- Peleg White's Sticking Salve, Temple's Harness Dressing Oil, Oriental Confections, Shoo-Fly Fly Poison.

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



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



SELECTIONS.

CHLORO-BORITE OF SODA (sodium chloro-borosum) is a newly-discovered and introduced antiseptic, inodorous and non-toxic; it has been found preferable in many cases to corrosive sublimate, carbolic acid, creolin, and other similar preparations. Good reports have already been published by many prominent specialists, especially on its use and value in gynecological practice—in 5 and 10 per cent. solutions for injecting or douching; in surgical cases—in three per cent. solutions for irrigating; and in tubercular diseases, eczema, etc.; also latterly in influenza, three per cent. solutions by inhalation, and the powder internally in 0.5 gm. ($7\frac{1}{2}$ grains) doses.

THE PREPARATION OF STRONGER MERCURIAL OINTMENT.—M. Passereux suggests (*Bull. Pharm. Bordeaux*) the following rapid method of preparation:

Take of

Benzated lard.....100 gm.
Mercury.....100 gm.
Oxygenated water, q. s., or say.....10 drops.

Mix a small quantity of the lard with the mercury, the latter being placed in the mortar first, and add drop by drop the oxygenated water, stirring until its extinction in the metal. Add by fractions the remainder of the lard. In 20 minutes you thus obtain an ointment which answers every test imposed by the Pharmacopoeia or generally recommended (frictions between folds of filter paper, examination with the lens, &c.), and not the minutest globule of uncombined mercury can be discovered. Ten drops of the oxygenated water are sufficient for 200 gm. of ointment, and this should be added, as remarked, drop by drop. As to the keeping qualities of the ointment thus prepared, it has been subjected to very test that the official ointment will stand, and has not shown the least deterioration. Besides this fact, the rapidity and ease with which it can be made remove the objections to the frequent preparation of fresh mercurial ointment. In large establishments it may be prepared daily. Its color, when prepared with sufficient deliberation, putting into the mortar only small quantities of lard at a time, and not being too lavish of oxygenated water, is the same as that of the official ointment. Otherwise it is somewhat lighter. The oxygenated water is simply water to which oxygen has been added under pressure and not hydrogen peroxide.

KOUYSS.—Many are the formulas that have been given for this article, but F. Kogelmann, of Gratz, states that in lieu of using any artificial ferments it is better to use butter milk, and in the proportion of one part of this to two parts of sweet milk, from which about two thirds of the cream has been removed; The bottle should be about two thirds full. Shake them three times a day, taking out the cork to allow the carbonic acid to escape; after the fourth day keep corked, necks down, until wanted for use. The addition



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

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

of fermenting koumyss to fresh milk will induce the desired fermentation to produce more koumyss.

A NEUTRAL IRON SACCHARATE.—Athenstedt has patented, in Germany, the following method of obtaining an alkali-free saccharate of iron: A dilute ferri-salt solution is precipitated by the addition of dilute ammonia water at a temperature not lower than 10° C. and not higher than 15° C., the resultant precipitate being an iron hydroxide, which is washed with water at the temperature above mentioned, and immediately mixed with sugar. The mixture is at once heated until the hydroxide is dissolved. No time is lost in the operation, and the result is said to be excellent.

According to the *Revue des Sciences Naturelles Appliquees*, the world's annual output of cinchona may be stated as follows:

	Pounds.
Ceylon.....	10,600,000
Java.....	3,600,000
English East India.....	1,632,000
South America.....	770,000
Jamaica.....	5,400
West Africa.....	3,600

a total of about 16,600,000 pounds of bark, representing about 448,000 pounds of sulphate of quinine, worth say \$22,500,000. South America, whence formerly all our supplies of the bark came, now furnishes less than one-twentieth of the total amount, and has been relegated to the fourth place among producers.

A NEW COMPOUND OF PHOSPHORUS.—Professor T. E. Thorpe, the well known chemist, has discovered a new compound phosphorous (P_3O_6) which takes the form of acicular crystals, melts with the warmth of the hand, and glows under the same conditions as phosphorous. It burns readily in oxygen and chlorine, and forms a new compound with ethyl alcohol.

TO DEODERIZE NAPHTHALIN.—The disagreeable odor of naphthalin to a considerable degree prevents its use in medicine and surgery, and its admixture with camphor or other deodorants has been found to be of but temporary effect. But if it be mixed with benzoin and then sublimed, it loses its tarry odor and acquires a pleasant smell which it retains. Simple mixture with benzoic acid or tincture of benzoin does not suffice.

An electric lamp on the Isle of Wight can be seen 45 miles.

Marvellous!



Wonderful!

"ALUMINUM"

Druggists' Mortar Watch Charm

The finest work ever executed in this metal.

WARRANTED 98% FINE. MADE SOLID (NOT HOLLOW)

Five times stronger than gold.

One-quarter the weight of silver.

Will not tarnish or corrode.

Sent on receipt of price, \$1.02 each.

Money refunded if not as represented.

Duryea Jewelry Co.,

180 Broadway, N. Y. City.

WATSON'S

COUGH DROPS

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

— UNEQUALLED. —

R. - & - T. - W.

Stamped on each drop.

FRANKLIN'S ELECTRIC INHALER

THE GREATEST KNOWN CURE FOR Catarrh, Cold in the Head, Headache, Toothache, Neuralgia, & all Nervous Pain.



BWARE OF IMITATIONS.
See that the words
FRANKLIN'S ELECTRIC
INHALER,
Patented April 10th,
Is printed on the Label.

It is well recommended by Physicians and others who have used it for Freeing the Head of all Thick Mucus, and Clearing the Nasal Cavities. It is something every Druggist should keep in stock, as it sells well and gives good satisfaction. Retail for 25c.

Manufactured by the

FRANKLIN MEDICAL CO.,

36 King-st. East, TORONTO.

Sold Wholesale by Lyman Bros., Toronto, also by Lyman, Knox & Co., Montreal.



To the Druggists of Canada.

A few earnest words regarding that really greatest of all Modern Remedies,

RADAM'S MICROBE KILLER.

It seems to us remarkable that Retail Druggists stand in their own way by holding aloof from a remedy with such an eminent record as this one has. Not only this, a great demand has been created therefore, and particular pains have been taken to make the public fully aware of its wonderful qualities, by virtue of advertisements in over 150 Canadian papers, and plenty of common sense printed pamphlets.

To a certain extent we are aware that this antipathy has been created through a false and maliciously intended formula as given last fall by the *Druggists' Circular*, of New York, purporting to be the Radam Microbe Killer.

This false analysis has been copied and printed by other so-called *druggists' mediums*, until forbearance ceased to be a virtue, and these libelous defamers are being brought up with a round turn by Mr. Wm. Radam. The *Druggists' Circular* has been sued for \$200,000 damages, Col. Robert G. Ingersoll, the eloquent lawyer, as counsel for Mr. Radam. This suit can end in only one way, a verdict against the Defendants.

The reasons therefore are that Mr. Radam and his companies have made oath that no such *vicious formula* enters into the manufacture of the Microbe Killer, and which will be shown in court in due course of time.

The Microbe Killer is a pure water, charged with powerful microbe-destroying gases, and into the composition of which no known Acids, Opiates or Spirits enter.

We shall be pleased to have any Druggist visiting Toronto call on us, and see for himself our Laboratory, and the wonderful method in which this Medicine is manufactured.

PUT UP ONLY IN ONE GALLON JUGS. RETAIL, \$3.00.

For sale Wholesale by NORTHROP & LYMAN CO., LYMAN BROS. & CO., ELLIOT & CO.

Leading Wholesale Druggists of Chicago, Cleveland, New York and elsewhere, openly endorse this remedy as *par excellence*

N. B.—The leading members of this Company are Wholesale Druggists, of social and financial standing second to none, and comprise both people of Canada and the United States.

For information and pamphlets address,

Wm. Radam Microbe Killer Co., (Ltd.)

120 King Street West, TORONTO, ONT.



NO MORE ROUND SHOULDERS

KNICKERBOCKER
Shoulder-Brace

—AND—
SUSPENDER COMBINED.

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

Cheapest and Only Reliable Shoulder-Brace.

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

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

Knickerbocker Brace Company,

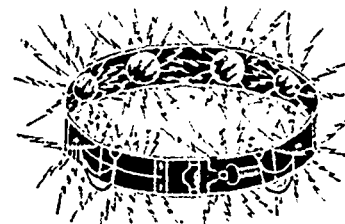
EASTON, PA., U.S.A. N. A. JOHNSON, Prop

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



THE DORENWEND Electric Belt and Attachments

FOR THE SELF-APPLICATION OF
ELECTRICITY.



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

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

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

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

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

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

THE DORENWEND ELECTRIC FOOT BATTERY: FOR COLD FEET, RHEUMATISM, &C.

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

THE DORENWEND ELECTRIC BELT & ATTACHMENT CO.

C. H. DORENWEND, Electrician and Manager.

103 Yonge St., TORONTO, CAN.

Our New York Letter.

The current of trade among drug circles is about in volume as it was a year ago, but it is more than likely that in the profit and loss account the former will not show up as cheerfully as then. This applies to all branches, except in some specialties which may be considered outside the general line. Here and there we find some special line allied to the drug trade which has made vast strides in acquiring increased patronage, but these fortunate ones are the few.

The wholesale drug trade find their profits diminished through the pushing methods of competing firms, the methods employed to outwit them of some branches of business that in the past they have had mainly the control of, and not least is it a mortification that the retailer will try to get the best of them when any opportunity offers.

The proprietary class of dealers find that in spite of their efforts to keep their goods out of the hands of cutters they are foiled on the one hand, and on the other; the dealers who fail to secure a profit on such articles are pushing their own, so that many are finding diminution of their sales by the regular trade, while many of the cutters only "cut" to bring trade to their own doors and then seek to force their own articles in place of those called for at the cut prices they advertise. In fact the "cutter" by principle is an "Ishmaelite," for his hand is against *every man*, while few hold him in any kind of loving remembrance. The retail drug trade is far from being satisfactorily commensurate in the profits it affords to its followers, and what with its competitors, who like some varieties of parasites, are eating out its vitals, so far as the margins of profit is necessary for a business man to make a success of his enterprise, it is an unpleasant thing to contemplate what the future may be.

The pharmacist who has a good reputation, a good neighborhood with an adhering clientele, and physicians who do not prepare their own remedies and are not in the habit of fleeing the "doctor's cook" as well as their patients, stands a fair chance to make something better than a living.

What does all this signify? Too many in the same line of business competing for the same trade and holding out too many inducements to draw away trade from their competitors. We note that one of the large wholesale drug houses are withdrawing from the general line of drugs and adopting that of perfumery in lieu. We refer to Lazell, Dalley & Co., a house that with its existence under its predecessors has been established nearly half a century. While due largely to the failing health of the two partners whose names are that of the firm, it yet indicates that wholesale druggists are not reaping the profits they once did. There is a rumor that one of the large Philadelphia drug

firms will shortly announce their withdrawal from active trade.

Our city is making many changes as to its fashions for business locations. Uptown used to be 11th street. Now it is anywhere within six miles of that once far uptown fashionable street. Fifth avenue, once the home of the wealthy aristocrats, is now largely invaded by business firms and the lovely homes are now restaurants, dry goods stores, drug stores, office buildings, tailors' parlors for "tailor-made girls" and what with the busy through it will doubtless soon be what Broadway was a few years ago. We are here reminded that the first drug store that was on this avenue proved a sad venture for its owner, but in almost the same spot is to-day one of the most successful of our pharmacists, Fraser & Co., who are very near 25th street.

The College of Pharmacy in this city has now over 300 students in all, and it is said that the present course has been more attractive than any of its predecessors. Its faculty have strong names, Chandler, Bedford, Elliott, Rusby, names that are known *everywhere*. Prof. Chandler has been lecturing with this college for some twenty-five years or more and his lectures are a wonderful treat to listen to. Prof. Bedford has lectured for seventeen years and we are informed that he has been since 1860 either secretary, trustee or one of the faculty, a pretty close connection as an active worker for its interests. Prof. Elliott was for some years the assistant of Prof. Chandler, but during the past few years has succeeded him in the department of general chemistry and at the head of the chemical laboratory, while Prof. Chandler has taken the department of organic chemistry. Prof. Rusby is the latest acquisition, this being only his second year, succeeding the late Prof. W. DeF. Day, as also the late Prof. Joseph Schrenk, both of whom died during '89. Prof. Rusby made extensive botanical researches in the western territories for the Smithsonian Institution, and later in South America an extensive tour in the land of coca and cinchona as well as explorations along the Amazon have made him an authority as a botanist and deliver after information that relates to drugs and such. He is a very interesting and fluent lecturer, but "we boys" think he is grinding it into us pretty hard, but very effectually. During the past summer the college has been made more attractive in its interior arrangements and all feel more happy. But there are hopes that ere long there will be a new building far more spacious and much better fitted for those who will follow the class of '91.

Election day and the McKinley Bill and its effects have not so much interest for you Canadians, but who knows that before we students shall be old men your part of the continent will not be "of us." Quien Sabe?

Pyroxylon should be kept packed in glass and moist with its weight of water.



LIFE,
GROWTH
—AND—
BEAUTY
FOR THE HAIR.

LUBY'S PARISIAN HAIR RENEWER

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

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

—AND—
IS NOT A DYE.

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

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

The Northern Pine

REMEDY

IS A QUICK RELIEF AND RELIABLE CURE
FOR

ASTHMA, HAY FEVER

—AND—

CATARRH.

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

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

The Northern Pine Strengthening Plasters

WORN ON THE CHEST,

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

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

All are invited to send for Testimonials.

Sold by Druggists generally or by mail direct from

JAMES L. LEAVITT,
Attleboro, Mass., U. S.

SLOCUM'S PSYCHINE,

Oxygenized Emulsion

OF
Pure Cod Liver Oil,

COLTSFOOT EXPECTORANT,
REGULATIVE PILLS,

MAGNETIC MEDICATED PLASTER.

Owing to the increased demand for my preparations, I have placed them in the hands of the Wholesale trade in each Province.

Price List and Circulars supplied on application.

T. A. SLOCUM, M. C.,

186 WEST ADELAIDE ST., - - - - - TORONTO, ONT.

To Druggists :

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

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

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

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

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

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

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

If your Wholesaler does not keep it, we will send one dozen postpaid on receipt of \$6.00, as a "starter." Retail price, \$1.00.

CLARKE & CO.,

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

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 Prolapsus, Dropsy of the Womb, Ulceration, Polypus, Tumors, Leucorrhœa, Profuse 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 pack also contains one month's treatment.

For sale by Druggists and Pharmacists everywhore.

DR. J. A. MCGILL & Co.,

Proprietors, Chicago, Ill.

Address all Canadian Correspondence to

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

THE TRADE WILL FIND

J. A. POZZONI'S

As a Cosmetic for the Skin it stands without a rival. Its sales are unprecedented.



All pronounce it "The Best Preparation for the Skin ever used."

Medicated Complexion Powder

Worthy of its Special Attention. Three Shades, Flesh, White and Brunette.

Retail at 50 cents; Per Dozen, \$3.75. Try a dozen with your first order.

ALL CANADIAN JOBBERS HAVE IT.

BUSINESS NOTICES.

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

The "old reliable" Payson's Indellible Ink is brought to your notice in this number of the DRUGGIST.

Druggists are invited to correspond with the Western Leather Mfg. Co., of Chicago, when requiring anything in the line of physicians' cases, etc. See their advt.

The Evans Chemical Co., of Cincinnati, advertise their specialty in this issue. "G" is being rapidly introduced and largely advertised and no doubt will have a large sale.

The Drummond Medicine Co., Toronto, call attention in this issue to their preparations, which they are pushing thoroughly and advertising liberally. See their advertisement on page 24.

The Electric Inhaler manufactured by the Franklin Medicine Co., Toronto, although only a short time before the public, already commands a ready sale. It is a taking article, sells at sight and affords a good profit. See advt.

Densoline, a petroleum product manufactured by the Cleveland Petroleum Co., is offered to the trade in bulk or bottled, also their various toilet preparations and other products. These goods may be obtained from the American Oil Co., Adelaide street, Toronto, to whom all orders should be addressed.

Garfield Tea is rapidly becoming one of the standard proprietary articles of Canada, and if liberal and judicious advertising has any effect, and who can deny its value, the sales of this article must rapidly increase. Write to the Canadian agents, D. Dunsmore & Co., Toronto, for a supply of their advertising matter and free samples and they will be forwarded free, by mentioning this paper.

Attention is directed to the open letter addressed to the druggists of Canada by the Wm. Radam Microbe Killer Co., in this issue. They claim that the formula published by several journals, purporting to be a correct analysis of their preparation, is entirely incorrect, and being anxious that druggists alone should handle their preparations, solicit correspondence from them.

Harvard Bronchial Syrup, which is advertised in this number, is manufactured by A. J. Lawrence from the receipt of one of the medical faculty of the celebrated Harvard College, and is pronounced to be one of the best remedies now in the market. Mr. Lawrence has been obliged in consequence of the increased demand for this preparation to move his laboratory to Montreal, where in future all orders should be addressed.

In a recent issue the Boston *Christian Leader* says: "It is not saying too much to state that there is no preparation of the kind comparing with Imperial Granum as a delicious nutritious food, and there is nothing that can be taken for a dietary food that can equal it. We know its merits because we have used it ourselves with the greatest benefit." The manufacturers advertise this article with elegance and good taste, and it is a standard article on stock lists from Maine to California. The sales for the year 1889-90 are the largest on record.—*The Druggists' Circular*, New York, April, 1890.

Many druggists like to wear an emblem of their business, and we illustrate two such recently brought out by a jewelry house of New York, which are both pretty and appropriate. The pin is of solid silver with blue enamel and presents a neat and attractive appearance. The retail price of the pin is 75 cents. The watch charm is a nice looking mortar cut in



colored onyx, with rolled gold pestle and trimmings. It retails at \$1.50, for which amount it will be sent by mail. These pins were adopted as the official badge at the last meeting of the Missouri Pharmaceutical Association, the members wearing silver pins and the officers wearing gold ones. See advt. of Duryea Jewelry Co. on page 10.



A New Excipient.

According to the *Jour. de Conn. Med.*, August 7th, M. Adam, a Parisian pharmacist, has produced a resin soap "which may be recommended as constituting a new pharmaceutical excipient." The formula is as follows: Resin, 100 parts; carbonate of potash, 30 parts; water, 300 parts. The components are heated to the boiling point, when an effervescence takes place, the product being finished when the disengagement of gas ceases. The heat may be continued, however, until any desired consistency is obtained. The product may be made hard, if necessary. This soap is soluble in water and does not give a precipitate with marine salt. It may be used as an excipient for a great many drugs, and it has the advantage of being less costly than either vaseline or cerate. It should not be used with metallic salts, owing to the liability to double decomposition. Resin soap works well with mercury and mixes freely with camphor, naphthol, sulphide of carbon, tar, &c. It does not make a homogeneous product with the oil of cade. It appears to have been serviceable thus far in the preparation of some of the remedies used by veterinary surgeons.—*American Jour. Pharm.*

Absolutely pure sulphur is now obtained cheaply from hydrogen sulphide.

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

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

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

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

CHAMOMILES.

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

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

WESTERN HOUSE,
The London Drug Co.
LONDON, ONT.



**A GREAT
Scientific
Revelation.**

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

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

Cured by the thousands during the past four years.

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

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

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

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

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

We want an exclusive Agent in every town in Canada.

Write for Pamphlets and Prices.

Wm. Radam Microbe Killer Co., (LIMITED)

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

Sole Manufacturers for the Dominion.

C. W. EMAN, General Manager.



For Sale Wholesale by

Toronto :

NORTHROP & LYMAN, LAMAN 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. BURGESS & Sons.

London :

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

British Columbia :
LANGLEY & COMPANY.

Montreal :

EVANS & SONS, LTD.

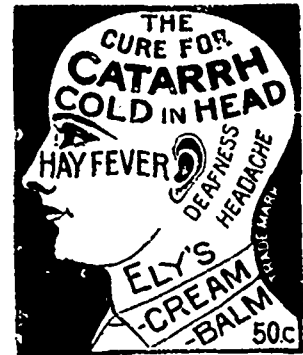
**THE SUCCESSFUL REMEDY
—FOR—
NASAL CATARRH**

Must be Non-Irritating

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

ELY'S CREAM BALM.

This safe and pleasant remedy



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

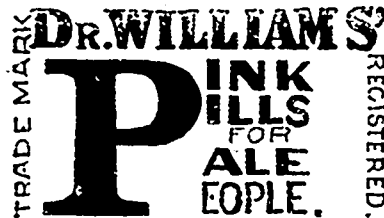
ELY'S CREAM BALM is soothing, excites no dread, dissolves the hardened accumulations, lessens the extreme sensibility of the membrane to cold and all external irritants, and is followed by no reaction whatever.

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

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

ELY BROS.,

56 WARREN STREET. - : - NEW YORK.



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

PINK PILLS

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

The Dr. Williams Medicine Co.,

BROCKVILLE, ONT.

FULFORD & CO.,
Wholesale Trade Agents.

S. LACHANCE,

1538 AND 1540 ST. CATHERINE STREET

MONTREAL,

Priotor of the following Specialties.

Father Mathew Remedy,

Dr. Sey's Remedy,

Persian Lotion,

Indigenous Bitters,

Audette's Hair Promotor.

BARKWELL'S

CORN - CURE.

THE BEST SELLING—

—BEST ADVERTISED

And Most Reliable in the Market.

ORDER A SAMPLE DOZEN FROM YOUR JOBBER.

W. S. BARKWELL, LONDON, ONT.

Drug Report.

Business during the past month has been very good. In mercurials there has been another advance. Oil peppermint is higher again. Glassware, green and flint, will be worth more money on account of higher cost of manufacturing. The demand for aristol, sulfonal and phenacetine has been large. No change in price to note.

Hops are a little higher for new stock. Glycerine is a little easier. Nitrate silver is lower again. Tar Barbadoes are higher owing to scarcity.

Quinine, Howard's, a little cheaper; German is unchanged. Contis' White Castile Soap is being counterfeited. A 50 per cent. duty has been imposed on Coutts' Acetic Acid, and we understand the jobbing prices are \$6 and \$9 per doz. Chamois skins have again advanced at least 10 per cent.

It appears that the amount of English money which has been invested in industrial enterprises in the United States has equalled in the last two years about £200,000 a week, amounting in all to about £20,000,000, or \$100,000,000.

It is calculated that about 150 Canadian exhibits will be shown at the Jamaica exhibition. There are 117 now entered, and many more are the subject of correspondence.

The solid fibre, the Celluloid and the Zylonite interests are likely to be consolidated ere long. The plan now under consideration is that a large stock company is to be formed which is to absorb the shares of the three. The stockholders of the companies are to receive for their property an equivalent in the shares of the new company. The concerns which will go into the combination are the American Zylonite Co., of North Adams; the Celluloid Co., of Newark, and the Lithard Co., of Newberryport. The new company will be known as the United Celluloid Co., with a capitalization of \$6,000,000.

To Remove Floating Specks from Liquids.

Pharmacists are frequently annoyed to find a few floating particles of dirt from the cork or other sources, in a large bottle of limpid fluid.

Where the particles are not so numerous as to make the operation tedious, these can be easily removed without straining the whole preparation as follows:

Close one end of a glass tube (of suitable length and diameter) with the thumb, immerse the other extremity in the liquid and bring it as closely above the "speck" as possible. Raise the thumb for a fraction of a second, replace it firmly and remove the tube.

The occupation closely resembles fishing, and as the operator, after a little practice

becomes an expert, a tedious task is soon transmuted into a diversion.—*Pharm. Era.*

EUPHORINE.—This is the name under which the firm of Dr. J. von Heyden is introducing the compound phenylurethane, $\text{CO.OCC}_2\text{H}_5.\text{NH.C}_2\text{H}_5$, which was first discovered by Professor Giacosa, of Turin. Henceforth it will be known as "Euphorine." It is said to possess antithermic, antirheumatic, analgesic, and antiseptic properties.



Special price in 1 to 5 gross lots.

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

AMERICAN OIL COMPANY

(Canadian Branch of Cleveland Petroleum Co.)

MANUFACTURERS OF ALL PRODUCTS OF PETROLEUM.

=DENSOLINE=

SUPERIOR TO "VASELINE"
(PURE PETROLEUM JELLY)

"Nature's Healing Ointment"

—MANUFACTURED ONLY BY—
CLEVELAND PETROLATUM CO., CLEVELAND, OHIO.

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

Densoline Cold Cream for the Complexion.

Densoline Pomade, Elegantly Perfumed.

Densoline Camphor Ice. Densoline Cosmetique.

Densoline Hair Oil.

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

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

Densoline Hoof Ointment, a perfect remedy for Hard and Cracked Feet and all Abrasions of the Skin.

Put up in $\frac{1}{2}$ lb., 1 lb. and 5 lb. cans.

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

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

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

FOR SALE BY ALL DRUGGISTS.

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

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

No HUMBUG.

GENTLEMEN: —————

This is what we are doing. With a small bill of our goods, we print you a nice, neat, Newspaper, as published by yourself, at your place of business, with a three column display advertisement on front page. You can give the paper any name you like—it is your paper. You can have all your Specialties mentioned. Also locals on Dispensing and Perfume trade. It makes an excellent advertisement for you, and we will create a demand for the goods. All the LIVE Druggists are taking hold of it. You get the papers for nothing, and a good profit on the goods. You will have to have the goods soon, and you might as well have the benefit of a good advertisement. Of course our goods are advertised in the paper, which helps to create a demand. Send for particulars and a copy of the paper. We will give an extra 10 per cent. off the bill on orders by mail.

OUR GOODS ARE:

Dr. Drummond's Lightning Remedy for Rheumatism,	\$1.00
Dr. Drummond's Lightning Remedy for Catarrh,	50c.
Manley's Good Samaritan Oil,	25c.
Manley's Throat and Lung Syrup,	25c.

Write for particulars and mention this paper.

Drummond Medicine Co.,
TORONTO, CANADA.

ARCHDALE WILSON & Co.,

Wholesale Druggists and Manufacturing Chemists

HAMILTON, - ONTARIO.

HAIR BRUSHES (French).

We are just in receipt of the largest invoice we have ever imported. Prices range from \$21.00 to \$2.40 per dozen. These goods are bought from one of the largest French makers at special prices given to no other Canadian firm, and we are still selling them at last year's prices.

TOOTH BRUSHES (French).

As sole agents for one of the largest firms in France, we can sell at specially low prices. Our present stock is large and well assorted.

FRENCH PERFUMERY.

We are agents for the celebrated house of F. MILLOT, 98 Boulevard Sebastopol, Paris, and are just in receipt of a large shipment of his goods.

CHEMICALS.

Large stocks always on hand from Howard, Merck, Dunn, Smith, Schoring, Fletcher, Boehringer, &c.

We manufacture to order Chemicals not usually kept in stock.

Our **SPIRITS ÆTHERIS NITROSI**, made fresh every week from Pure Spirits, is unexcelled for Strength and Purity.

ARCHDALE WILSON & CO.

Canadian Druggist Prices Current:

CORRECTED TO NOVEMBER 10th, 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.

Alcohol, gal.....	\$3 68	\$3 85	Castor, Fibre, lb.....	7 50	\$ 00	Bleached, lb.....	45	50
Methyl, gal.....	1 00	2 00	Chalk, French, powdered, lb	10	12	Spruce, true, lb.....	30	35
Allspice, lb.....	13	15	Precip., see Calcium, lb.....	10	12	Tragacanth, flake, 1st, lb.....	1 00	1 10
Powdered, lb.....	15	17	Prepared, lb.....	5	6	Powdered, lb.....	1 10	1 15
Alonis, oz.....	40	45	Charcoal, Animal, powd., lb...	4	5	Sorts, lb.....	25	75
Anonyse, Hoffman's bot., lbs...	50	55	Willow, powdered, lb.....	20	25	Thus, lb.....	8	10
Arrowroot, Bermuda, lb.....	45	50	Clove, lb.....	25	30	Hera, Althea, lb.....	27	30
St. Vincent, lb.....	15	18	Powdered, lb.....	30	35	Bitterwort, lb.....	27	30
Balsam, Fir, lb.....	45	50	Cocaine, Honduras, lb.....	40	45	Burdock, lb.....	16	18
Copala, lb.....	90	1 00	Colombian, lb.....	75	80	Boneset, ozs, lb.....	15	17
Peru, lb.....	2 50	2 75	Cantharidal, lb.....	2 50	2 75	Catnip, ozs, lb.....	17	20
Tolu, can or less, lb.....	75	80	Confection, Senna, lb.....	25	30	Chiretta, lb.....	25	30
Bark, Barbary, lb.....	22	25	Creosote, Wood, lb.....	2 00	2 50	Coltsfoot, lb.....	20	38
Bayberry, lb.....	15	18	Cuttlerfish Bone, lb.....	35	40	Feverfew, ozs, lb.....	53	55
Buckthorn, lb.....	15	17	Dextrose, lb.....	10	12	Grindelia robusta, lb.....	45	50
Canella, lb.....	15	17	Dover's Powder, lb.....	1 50	1 60	Hearlmond, ozs, lb.....	17	20
Cascara Sagrada.....	30	35	Eucor, Spanish, lb.....	75	80	Jaborandi, lb.....	45	50
Cascarilla, select, lb.....	18	20	Powdered, lb.....	90	1 00	Lemon Balm, lb.....	38	40
Cassia, in mats, lb.....	18	20	Ergotin, Keith's, oz.....	2 00	2 10	Liverwort, German, lb.....	40	45
Cinchona, red, lb.....	60	65	Extract, Logwood, bulk, lb....	13	14	Lobelia, ozs, lb.....	15	20
Powdered, lb.....	65	70	Pounds, lb.....	14	17	Motherwort, ozs, lb.....	20	22
Yellow, lb.....	35	40	Flowers, Arnica, lb.....	15	20	Mullein, German, lb.....	17	20
Pale, lb.....	40	45	Calendula, lb.....	55	60	Pennyroyal, ozs, lb.....	17	20
Elm, selected, lb.....	16	18	Chamonille, Roman, lb.....	30	35	Peppermint, ozs, lb.....	21	25
Ground, lb.....	17	20	German, lb.....	30	35	Rue, ozs, lb.....	30	35
Powdered, lb.....	20	28	Elder, lb.....	20	22	Sage, ozs, lb.....	15	18
Hemlock, crushed, lb.....	18	20	Lavender, lb.....	12	15	Spearmint, lb.....	21	25
Oak, white, crushed, lb.....	15	17	Rose, red, French, lb.....	1 60	2 00	Thyme, ozs, lb.....	18	20
Orange peel, bitter, lb.....	15	16	Rosemary, lb.....	25	30	Tansy, ozs, lb.....	15	18
Prickly ash, lb.....	35	40	Saffron, American, lb.....	35	40	Wormwood, oz.....	20	22
Sassafras, lb.....	13	15	Spanish, Valpa, oz.....	1 00	1 25	Yerba Santa, lb.....	38	44
Soap (quillaya), lb.....	15	18	GELATINE, Cooper's lb.....	1 00	1 95	Honey, lb.....	15	20
Wild cherry, lb.....	43	45	French, white, lb.....	40	50	Hops, fresh, lb.....	30	35
BEANS, Calabar, lb.....	45	50	Glycerine, lb.....	20	22	Indigo, Madras, lb.....	75	80
Tonka, lb.....	1 50	2 75	Guarana.....	3 00	3 25	Issect Powder, lb.....	40	45
Vanilla, lb.....	6 00	9 00	Powdered, lb.....	3 25	3 50	Isinglass, Brazil, lb.....	2 00	2 10
BERRIES, Calce, sifted, lb.....	2 50	2 60	Gum Aloes, Cape, lb.....	18	20	Russian, true, lb.....	6 00	6 50
powdered, lb.....	2 60	2 70	Barbadoes, lb.....	30	50	Leaf, Aconite, lb.....	25	30
Juniper, lb.....	10	12	Socotrone, lb.....	65	70	Ray, lb.....	18	20
Ground, lb.....	12	14	Asafoetida, lb.....	23	25	Belladonna, lb.....	25	30
Prickly ash, lb.....	40	45	Arabic, 1st, lb.....	1 00	1 10	Buchu, long, lb.....	40	45
Buds, Balm of Gilead, lb.....	55	60	Powdered, lb.....	1 10	1 20	Short, lb.....	15	18
Cassia, lb.....	25	30	Sifted sorts, lb.....	75	80	Coca, lb.....	55	60
BUTTER, Cacao, lb.....	75	80	Sorts, lb.....	60	75	Digitalis, lb.....	25	30
CAMPION, lb.....	65	85	Benzoin, lb.....	50	1 00	Eucalyptus, lb.....	18	20
CANTHARIDES, Russian, lb.....	2 60	2 10	Catechu, Black, lb.....	9	20	Hyoscyamus.....	25	30
Powdered, lb.....	2 10	2 20	Gamboge, powdered, lb.....	1 30	1 35	Matico, lb.....	70	75
CAUSICUM, lb.....	25	30	Guaiac, lb.....	80	1 00	Senna, Alexandria, lb.....	25	30
Powdered, lb.....	30	35	Powdered, lb.....	90	1 20	Tinnevely, lb.....	15	25
CARBON, Bisulphide, lb.....	16	18	Kino, true, lb.....	45	45	Stramonium, lb.....	20	25
CARMINE, No. 40, oz.....	40	50	Myrrh, lb.....	45	48	Uva Ursi, lb.....	15	18
			Powdered, lb.....	55	60	Lecithes, Swedish, doz.....	1 00	1 10
			Opium, lb.....	4 50	4 75	Licorice, Soluzzi.....	45	50
			Powdered, lb.....	6 00	7 00	Pignatelli.....	35	40
			Scammony, pure Resin, lb.....	12 80	13 00	Grasso.....	30	35
			Shellac, lb.....	35	40	Y & S—Sticks, 6 to 1 lb., per lb	27	30

Citrate, lb.....	75	90	Zinc, Acetate, lb.....	70	75	Lemongrass, lb.....	1 50	1 60	
Cyanide, fused, lb.....	40	55	Carbonate, lb.....	25	30	Mustard, Essential, oz.....	60	65	
Hypophosphites, oz.....	10	12	Chloride, granular, oz.....	13	15	Neroli, oz.....	4 25	4 50	
Iodide, lb.....	3 75	4 00	Iodide, oz.....	60	65	Orange, lb.....	3 75	6 00	
Nitrate, gran., lb.....	8	10	Oxide, lb.....	13	60	Sweet, lb.....	3 25	3 50	
Pernanganate, lb.....	65	70	Sulphate, lb.....	9	11	Origanum, lb.....	65	70	
Prussiate, Red, lb.....	50	55	Valerianate, oz.....	25	30	Patchouli, oz.....	1 75	1 80	
Yellow, lb.....	32	35	ESSENTIAL OILS.						
And Sod. Tartrate, lb.....	30	35	Oil, Almond, bitter, oz.....	75	80	Pennyroyal, lb.....	2 00	2 10	
Sulphuret, lb.....	25	30	Sweet, lb.....	50	60	Peppermint, lb.....	4 00	4 50	
PROPYLAMINE, oz.....	35	40	Amber, crude, lb.....	40	45	Pimento, lb.....	2 60	2 75	
QUININE, Sulph., bulk.....	35	40	Rect, lb.....	65	70	Rhodium, oz.....	80	85	
Ozs., oz.....	40	45	Anise, lb.....	2 75	3 00	Rose, oz.....	6 00	7 00	
QUINIDINE, Sulphate, ozs., oz....	16	20	Bay, oz.....	50	60	Rosemary, lb.....	70	75	
SALICIN, oz.....	22	25	Bergamot, lb.....	5 00	5 25	Rue, oz.....	25	30	
SANTONIN, oz.....	20	22	Cate, lb.....	90	1 00	Sandalwood, lb.....	5 50	9 00	
SILVER, Nitrate, cryst., oz.....	95	1 00	Cajuput, lb.....	1 80	1 90	Sassafras, lb.....	65	70	
Fused, oz.....	1 00	1 10	Capsicum, oz.....	60	65	Savin, lb.....	1 60	1 75	
SODIUM, Acetate, lb.....	30	35	Caraway, lb.....	3 50	3 75	Spearmint, lb.....	6 00	6 25	
Bicarbonate, kgs., lb.....	2 50	2 75	Cassia, lb.....	1 50	1 60	Spruce, lb.....	65	70	
Bromide, lb.....	63	65	Cinnamon, Ceylon, oz.....	1 50	1 60	Tansy, lb.....	4 25	4 50	
Carbonate, lb.....	3	6	Citronelle, lb.....	70	75	Thyme, white, lb.....	1 80	1 90	
Hypophosphite, oz.....	10	12	Clove, lb.....	2 25	2 40	Wintergreen, lb.....	3 00	3 50	
Hyposulphite, lb.....	3	6	Copaiba, lb.....	1 60	1 75	Wormseed, lb.....	3 50	3 75	
Iodide, oz.....	40	45	Croton, lb.....	1 50	1 75	Wormwood, lb.....	6 50	6 75	
Salicylate, oz.....	15	17	Cubeb, lb.....	20 00	22 00	FIXED OILS.			
Sulphate, lb.....	2	3	Comin, lb.....	5 50	6 00	Castor, lb.....	13	14	
Sulphite, lb.....	10	12	Erigeron, oz.....	20	25	Cod Liver, N. F., gal.....	1 00	1 50	
SPIRIT NITRE, lb.....	30	55	Eucalyptus, lb.....	2 00	2 10	Norwegian, gal.....	1 25	1 50	
STRONTIUM, Nitrate, lb.....	18	20	Fennel, lb.....	1 60	1 75	COTTONSEED, gal.....	1 10	1 20	
STRYCHNINE, crystals, oz.....	1 10	1 20	Geranium, oz.....	1 75	1 80	LARD, gal.....	90	1 00	
SULFONAL, oz.....	60	70	Rose, lb.....	3 20	3 50	LINSEED, boiled, gal.....	75	78	
SULPHUR, Flowers of, lb.....	2½	4	Juniper berries (English), lb..	4 50	5 00	Raw, gal.....	73	75	
Pure precipitated, lb.....	13	20	Wood, lb.....	70	75	NEATSFOOT, gal.....	1 25	1 30	
TARTAR. EMETIC, lb.....	50	55	Lavender, Chiris. Fleur, lb...	3 00	3 50	OLIVE, gal.....	1 35	1 40	
THYMOL, (Thymic acid), oz.....	60	65	Garden, lb.....	1 50	1 75	Salad, gal.....	2 25	2 40	
VERATRINE, oz.....	2 00	2 10	Lemon, lb.....	2 00	2 25	PALM, lb.....	12	13	
						SPEEM, gal.....	1 60	1 75	
						TURPENTINE, gal.....	70	75	

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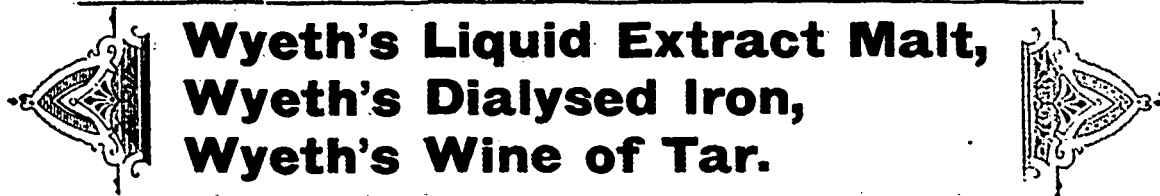
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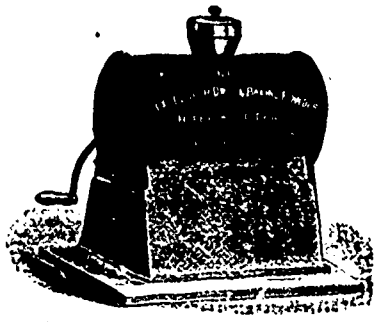
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