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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. }

DECEMBER, 1890.

{ 8 WELLINGTON ST. WEST, TORONTO, ONT. } No. 12.

CANADIAN DRUGGIST.

WILLIAM J. DYAS, - Editor and Publisher.

SUBSCRIPTION, \$1 PER YEAR, IN ADVANCE.
Advertising rates on Application.

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

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

Pharmaceutical Association of
Hamilton.

The regular meeting of the above association was held in their rooms on the 14th inst., P. C. Blaicher, President, in the chair. The Secretary and Treasurer handed in their annual reports showing a very satisfactory condition of the membership and finances. The following officers were elected for the ensuing year: President, A. Vincent; 1st Vice-President, W. C. Niblett; 2nd Vice-President, J. W. Gerrie; Secretary, J. W. Sutherland; Treasurer, R. Brierly; Auditors, Messrs. Zimmerman and Howell.

After disposing of the routine business of the evening the committee on entertainments very kindly invited all to accompany them to supper. The invitation being accepted, the brethren accordingly adjourned to "Newport's," where he had prepared a sumptuous repast in his usual good style, which did credit to the caterer, and a most enjoyable evening was spent by everyone present. Speeches were made by the President, Vice-President, and several of the members; stories were told, songs sung, toasts drunk, and it was not until the "wee 'owr" that the crowd dispersed.

A Good Offer.

We would call the attention of our readers to the advertisement of *The Cosmopolitan* appearing in this issue, and the clubbing rates at which we are offering this choice magazine and the *CANADIAN DRUGGIST* for 1891. By subscribing now the superb Xmas number of the magazine will be included.

Science is knowledge; art is skill in using that knowledge.

Window Dressing.

It is very gratifying and highly commendable to observe that more increased interest is being taken in the matter of the tasteful decorations and proper arrangement of goods in store windows than formerly. There was a time, when even in our cities and large towns, little or no attention was given to this important matter, and although the store itself might be admirably arranged in all its details, and everything made as attractive as possible, yet the windows, which, with a little taste and not very much labor, might prove an attractive and paying advertisement were very frequently neglected.

In these days of push and keen competition, when a merchant's success depends a great deal on appearance and display of goods, it is well that the tasteful arrangement of the window should receive careful attention and any effort put forth by the merchant to improve its general appearance will, it may be assured, meet with the approval and increased trade of the customers. Many suggestions might be made in regard to this question of window dressing, but as there are differences in localities, various classes of customers, diversity of goods kept in stock, etc., it would be a difficult matter to give expression to the many devices that might be suggested, suffice it for the present to call our readers' attention to the desirability of seeing that the store windows are *always clean and bright*, that a moderate display of suitable goods are placed in them and *changed frequently*, that an *overcrowding* confuses the spectator, and that goods should be so placed as to command the best view from varying directions. Care should be taken in the selection of goods for display, neither gilt nor plated goods should be used unless changed every day. Mirrors should not be exposed to the strong light, and the rays of the sun very soon affect the odors as well as destroying the labels of perfumery, etc. Attention should also be given to the varying seasons, and goods particularly suitable for each season be shown. This matter is one that requires a little study, and experience will soon prove that the more care devoted to this work, the larger will be the returns from the labor.

When you select styles or grades of goods for stock, look through the eye and pocket of your customers.

The Relations Between the Medical and Pharmaceutical Professions.

BY THOMAS F. WOOD.

We assume that it is of importance that the medical and pharmaceutical professions should be on better relations with each other, since it is obvious that the tendency of the druggist is to be purely a merchant in drugs and sundries, and of the doctor to ignore pharmacy entirely. The knowledge which the doctor, whose career began fifty years ago, had of the appearance and properties of drugs and of pharmaceutical processes in common use, put him within easy access of the profounder knowledge of drugs which he administered, and this part of his education every one recognizes as an advantage above that of his competitor, who, in the absence of such knowledge, bases his beliefs upon the advertising matter so diligently placed within the reach of every one.

As already intimated, the druggist is becoming a merchant in sundries, having more or less special knowledge of the pharmaceutical processes necessary to compound a prescription, but standing several removes from the crude drug, inasmuch as the fluid extracts and powders, etc., come to him ready prepared by the wholesale manufacturer, he assuming no responsibility as to the genuineness of the original source of it, being satisfied entirely with the skill and the integrity of the manufacturer.

The reason of this is that to the drug business, as to the medical practice, there are two ways of approach, one by the commercial door, the other upon the basis of educational preparation. The druggist whose idea is solely that of a livelihood and a higher degree of pecuniary emolument in his occupation, must pay as much attention to the profit on plush boxes, cigars and confectionery, as he does upon the recognition of a genuine specimen of Turkey rhubarb or the freshness of a sample of ergot. The doctor, too, whose ambition is to make at once a financial success, will be forward to make such use of the clap-net of display in his office and his equipage as will dazzle the eye of the multitude, his library at the same time being but a lean collection of showy shelf-keepers, or the more sagacious use of dummies, such as Dr. Billings recognized in the office of a practitioner he visited,

which consisted of eviscerated patent-office bindings bearing the titles of rare books which made even this veteran bibliographer's eyes wonder. The mercenary doctor and druggist, therefore, are not far apart.

There is a small class, though, in both professions, who are prepared by the education to meet upon a common ground. This has one practical example in the conference of the committee on revision of the Pharmacopœia, and the utility of these meetings has in a measure suggested these thoughts. The matter may be summed up after this fashion :

The doctor, for his own sake, ought to know more of materia medica and therapeutics in order to be a leader and not an ignorant follower of any designing vendor who may come along. The druggist ought to be able, after hearing the suggestions of the needs of the physician in the treatment of the sick, to supply him a finished product. In practice, though, the seductive agent comes along with his samples, creates a demand in the physician's mind, the druggist loads up with a new stock. The doctor, upon thorough trial, may not find the preparation as useful as represented—a pitfall from which he might have been delivered had he been properly educated, or had there been proper professional understanding between the two. The result is, the druggist gets a lot of stock he can do nothing with, because by this time the credulous doctor may have found a new favorite compound and the druggist asked to repeat the experiment, and as he seems to be compelled to do it to keep his customers, he must make his prices higher than those mentioned to the doctor by the travelling agent, and there are grumbings and dissatisfactions on the part of the patients.

To those who have observed this peculiar course of events there must have come a conviction that most ready made compounds are a burden to druggists and doctors and patients, and if our doctors had the knowledge of pharmacy necessary or had the assurance of the skill of their druggists, by far the majority of what are now virtually proprietary compounds could be made extemporaneously and at a reasonable rate. The issue of the National Formulary showed that there is such a thing as putting in book form formulas that meet the demands of the doctor, and these could be largely increased if the doctors would take the same pains to let their wants be known, as the compilers of that formulary took to select them from the best sources in their reach.

The real reasons why our doctors do not see the necessity for some understanding with the druggist is because the experiment of a conference has never been tried. We learn that such a movement is about to be inaugurated and, if such members of the pharmaceutical profession as we could select were members of the conference, we are certain that good results will follow.

We cannot close these remarks without again urging upon medical students the

necessity of the practice of pharmacy in the dispensary or drug store. An active student could easily put in a few weeks during his course, and find it a matter of recreation as well as a source of practical knowledge, and if his future field is to be the country, where he will be his own druggist, he will find this knowledge indispensable.

To those druggists who carry on shop prescribing, based upon the files of prescriptions of which they are the custodians, we wish to say—abandon your disreputable and dangerous practice, honor the physician by being his helper, protect his reputation when you find his prescriptions inaccurate, and your business will increase and you will elevate your shop-keeping to a profession.—*Western Druggist.*

Local Pharmaceutical Associations.

At a recent meeting of the Newcastle-on-Tyne Pharmaceutical Association Mr. Frederick Park, President, spoke amongst other topics on the advantages of such associations. A portion of his address—clipped from *The British and Colonial Druggist*—will repay perusal. He said—He thought they all derived great benefit from such associations as theirs, as apart from the pleasure of hearing the opinions of other pharmacists, by meeting and discussing subjects of interest, they tended to improve their mutual welfare, and at times—such as the present—they were enabled to discuss pharmaceutical politics. They also learned a great deal from each other in connection with their daily business, yet not neglecting the social side of the question, being enabled to spend an evening in an exceedingly pleasant manner. What was of still more importance, the association established a union among them, which in their trade was so desirable, in order that trade interests might be efficiently safeguarded, and which in the absence of combined effort were allowed to go to the wall. Especially those who were students ought to reap benefit from the association by attending the meetings and hearing the papers and discussions. These were all of mutual interest, and students would gather a considerable amount of useful information, which would stand them in good stead in the examination-room, and, what was of even more importance, would prove useful to them in future, both behind the counter and in the laboratory. Younger members had excellent opportunities of getting information on knotty points by asking questions and initiating discussions, which, although not absolutely clearing up a point in dispute, yet, in all probability, would throw some light on the subject. They also had an excellent opportunity of gaining confidence in their own powers by joining in the discussions which arose. The papers read should be of a practical nature, useful alike to qualified or unqualified. Their studies should not cease with the possession of the "Minor" parchment, but each one ought to

TAKE UP SOME SPECIAL BRANCH OF SCIENCE AS A "HOBBY,"

upon which he could fall back by way of recreation. His own personal experience went to prove the value of such a recreation. Even if they had their studies to look to, it was necessary to have an antidote to continual study, as it would refresh their minds and enable them to pursue their studies with greater zest. An assistant or apprentice had excellent opportunities afforded him of engaging in a hobby, he being in a position to understand and obtain most apparatus of a scientific nature on terms which were not within reach of young men of other businesses. The camera and the microscope were admirable instruments which gave excellent and unlimited scope for the mind, and he could speak with pleasure of happy hours spent with them. It mattered little what branch of science was followed so long as it distracted the mind from business and £ s. d. Their education suited them so well for understanding all that appertained to scientific instruments and most of the chemical and physical reactions of such, that they held an enviable position with regard to opportunity for choosing their hobby. Photography was an excellent example of this. Let him say a few words about

MAKING GOOD USE OF THEIR KNOWLEDGE.

Those who made most use of knowledge gained were those who prove most successful in business. It was of no use storing away information in their brains. It was meant to be turned to some practical account. Knowledge hoarded up was of no benefit to any one, not even to the possessor of it. The habit of observation and reflection should be carefully cultivated. Let them try and find out the *rationale* of everything instead of taking things for granted. Very often they might not be able to apply knowledge they possessed to any practical advantage at the time, but it was sure to come in handy sooner or later. He would advocate the value of research, and would try and impress them with the importance of such work. There was an immense field for them in chemistry. There was no limit to it, but it was of just as much importance to find new uses for known facts as it was to discover altogether new ones. Look at the recent rapid strides taken by science as applied to steam, electricity, &c., the telephone, telegraph and electric light! The same applied to pharmacy, and by extending the scope of present appliances they might benefit the community as much as though they were the discoverers of a new chemical law.

There is a magnetism about earnestness that convinces a man almost every time. Be thoroughly in earnest in everything you do, and you are a great way in accomplishing what you undertake. Earnestness is epidemic. If you have something to sell and you intensify your belief that it is the best, you may be sure to carry conviction.

● "TYRIAN" ●
HOT WATER BOTTLES

**FOR THE WINTER
 MONTHS.**

All Rubber

Cloth Inserted

The All Rubber Bottles are heavy, well made and first-class in every particular.

Cloth inserted differ from the All Rubber only in having a piece of cloth inserted in the rubber to strengthen them.



We are covering Water Bottles with OLD GOLD and BLUE PLUSH, which gives them a very handsome appearance. Recommended by Physicians on account of being so soft and warm when in contact with the flesh. A new thing and very popular with the trade. Each bottle tagged "TYRIAN."

Flannel Covered

Plush Covered

Each Bottle put up in a neat paste-board box bearing our Name & Trade-Mark,
 "TYRIAN."

TYER RUBBER CO.

OFFICE AND FACTORY, ANDOVER, MASS.

SAMPLE ROOM, 50 BROMFIELD ST., BOSTON.

MANUFACTURERS OF

Druggists' and Surgical Rubber Goods,

FOUNTAIN, BULB AND HARD RUBBER SYRINGES,

Atomizers, Hot Water Bottles, Nursing Bottles, Bandages, Utinals, Letter Bands, Bed Pans, Invalid Cushions, Chair Tips, Stopples, Nipples, Bulbs, Sheetings, Tubing, etc.

MOULD WORK A SPECIALTY.

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.

Push 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. D. Paper, D. Blue Paper, etc., etc.

Printing at lowest prices.

14 Front St. West. - TORONTO.

THE GREAT EUROPEAN DYE



Unsurpassed for Richness and Beauty of Coloring.

They are the ONLY DYES that

WILL NOT WASH OUT!

WILL NOT FADE OUT!

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

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

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

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

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

New Goods.

LYMAN BROS. & CO.

TORONTO, - ONT.

Pears' Soap.

"Crab Apple Blossom," small and 10 oz.

Lavender Salts.

Baldwin's Satchets — "Queen Bess,"
"Lalla Rookh," "Wild Flowers," "Wild
Plum."

Coulter's Vaporizers and Inhalers.

Ellis & Golterman's Vaseline Ato-
mizers, also Nos. 40, 50, 60, 104, 110.

Art of Dispensing.

M. & H. Oiled Silk.

Edgar's Group Lotion.

Elliman's Embrocation.

Johnson's Soothing Syrup.

Murray's Magnesia.

Benger's Liq. Pancreatine.

Neaves' Food.

Revelenta Arabica.

Pepper's Sulpholine Lotion.

Kemp's Balsam.

Lane's Family Medicine.

Wampole's Medicines.

Haarlem Oil.

Ricord's Specific.

Spermozone.

Our Petrolatum

Is equal to any offered.

Price is right.

We have a few 1886 Edition

SQUIRES' - COMPANIONS

IN STOCK,

Which will be sold at a Reduction.

TRADE NOTES.

F. J. Sanders has opened a drug store in Allandale, Ont.

Dr. Koeh's new Tuberculosis cure is called Paratoloid.

Dr. B. L. Bradley is starting a drug store in Woodstock.

Garden Bros., Woodstock, N. B., have been burned out. Insured.

Robinson & Co., druggists, Coaticook, Q., were burned out on the 1st December.

Phillip Morgan, formerly with A. Higginbotham, Lindsay, has opened a business in Lindsay.

Mr. Paul Scott, son of G. L. Scott, Paris, has secured a good situation in Milwaukee.

W. R. Thomas, physician and druggist, Shoal Lake, Man., is advertising his drug business for sale.

We are pleased to see N. C. Polson, Kingston, again at business after an attack of typhoid fever.

W. F. Teetzl is opening a drug store at Donald, B. C. He also contemplates opening one at Nelson.

T. G. Whitfield, of North Toronto, has sold his business to W. V. Cooke, formerly of 274 Yonge Street.

Bellhouse, Dillon & Co., chemicals, etc., Montreal, have admitted R. L. Dillon as partner under same style.

W. V. Cooke & Co., 274 Yonge Street, Toronto, have sold their business to W. J. Manley, formerly of Owen Sound.

Mr. John Lawrence, formerly of Hamilton, has accepted the management of the estate of the late Geo. Rhynas, Goderich.

Geo. Marshall, corner Berkley and Queen, Toronto, formerly of London, was married in London on Nov. 26th, to Miss Annie Jeffrey.

A. Walton, formerly with A. M. Wright, Parliament Street, Toronto, has bought Dr. Pickering's business, Queen Street E., Riverside.

A man at Apple River, N. S., has contracted to pick 600 lbs. of spruce gum this winter, to be delivered packed in six pound boxes at Parrsboro.

Macartney Bros are starting a business in Penetanguishene. The firm is composed of H. E. Macartney, of Midland, and A. E. Macartney, of Thorold.

Messrs. W. G. Smith & Co., Guelph, have greatly improved and decorated their store, and with a handsome display of goods show up to great advantage.

W. G. Mitchell, formerly manager of G. A. McCann's store, Shuter Street, Toronto, and F. G. McLean have bought the business of F. E. Burgess, corner Wilton and Sackville Streets.

It has been held by the Court of Appeals that a merchant is not responsible for the consequences of not filling an order taken by a commercial traveller unless he has specially confirmed the traveller's promises.

The Early Closing Association of Winnipeg have opened a neat suite of rooms in the McIntyre Block. They include a reading room and library, a parlor with a piano, and a club room. These can be amalgamated when desired, throwing them into one large assembly room for balls and other occasions. The fixtures are supplied by the salesladies of the city. - *Commercial.*

Montreal Notes.

A poison bill was recently introduced into the Legislative Council by the Hon. D. A. Ross. The bill required druggists to keep and sell all poisons in triangular shaped bottles, and provided a penalty for householders having liquid poisons in their possession not so bottled. Of course it displayed a great lack of judgment in a member of the Legislative Council bringing in a bill of such a nature without first consulting the Council of the Pharmaceutical Association. When the bill came up for its second reading the Hon. Dr. Marsil proposed the six months' hoist, which, however, he did not succeed in carrying, the bill being sent to a special committee. Meantime the Pharmaceutical Association sent Mr. E. Mair, the Secretary and Registrar, to Quebec, with a petition, signed by all the druggists of Montreal against the proposed bill. As was expected the bill was withdrawn in committee by the proposer. *Sic transit gloria mundi.*

Complaints are still being made in Montreal of dull times, and it is hard to say whether the lack of customers is owing to the low rate of mortality which our Medical Health Officer has been boasting of this last month or two, or to a scarcity of the wherewithal to purchase drugs on the part of the suffering public.

The "Pharmacy Students' Association" seems to be quietly making headway, and as there are a few really talented young men amongst them it is to be hoped that something in the way of a "paper" and a discussion every two weeks will be an attraction during the winter months.

The officers of the Pharmacy Students' Association are: Lawrence, President; Dixon, Vice-President; Tremble, Secretary; Lecoars, Treasurer.

Another Pharmacy has opened up on St. James Street, near the Grand Trunk depot. Mr. Gauvreau is the proprietor.

The College is well patronized this winter, there being altogether some 62 students in attendance.

Mr. Descarrie, who is opening the new Pharmacy at the corner of St. Catharine and St. Denis Streets, has not yet got his fixtures in and consequently will not be ready for business for some weeks yet.

Mr. Daniel is fitting up a new Pharmacy on Notre Dame Street, near Jacques Cartier Square, and hopes shortly to be open.

As three or four Pharmacies are on the market for sale at the present time it

would appear better policy on the part of new beginners to buy out Pharmacies with some little business attached, rather than to establish new ones. It is generally conceded that it takes a few years, probably three or four, to establish a new drug store on a firm basis.

Mr. Quipp will probably propose at the January meeting of the Council of the Pharmaceutical Association that the annual subscription be reduced from \$10 per annum to \$5. There is much ill-feeling among the licentiates at having to pay \$10, seeing that the membership fee paid by physicians to the College of Physicians and Surgeons is only \$2, and that the subscription to the College of Pharmacy in Ontario is only \$1, it is not unreasonable to have it reduced in this province.

Manitoba Notes.

Judging from the way in which the druggists of Manitoba and the Western Territories are refitting, enlarging and removing to larger premises they must be anticipating a substantial revival in trade, and in this we do not think they will be disappointed. We have numerous inquiries for assistants, qualified and as improvers, which would indicate that already an improvement in trade has been experienced.

Dr. H. A. Wright, of Oak Lake, has removed to larger and more commodious premises. He has a very neat little drug store.

Mr. John Field, of Calgary, has removed to his new premises, next to the Imperial Bank, and a very handsome store he has, finished as it is in British Columbia cedar, beautifully designed and highly polished. This, together with the handsome show cases and well-kept stock bottles, presents a most brilliant appearance when lighted by the numerous incandescent lights with which the store is provided. We wish him a continuance of prosperity and a thorough enjoyment of his new premises.

The quarterly meeting of the Council of the Manitoba Pharmaceutical Association was held in Winnipeg Wednesday evening, the 10th inst.

Question. We were shown a sample of Norway Cod Liver Oil of apparently good quality, limpid, clear and free from rancidity, but it refused to emulsify with acacia although treated precisely the same as another sample of apparently no better quality. Can you suggest any cause?

Mr. Sumner, representing Parke, Davis & Co., Detroit and Walkerville, has completed his tour of the physicians and surgeons of the province. No doubt his impressive manner and the elegance of the goods he showed will create a demand for the goods from their laboratory.

That Acid Phosphate quickly attacks the teeth is an observation recorded by Dr. Head, D. D. L., in *Inter Dental Journal*.

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 non de plume may be used for publication. Write only on one side of the paper, and be concise.

Editor Canadian Druggist:

The suggestions of Mr. Petrie *re* Price Books is worthy of serious consideration. There is no doubt that the present condition of the drug trade, to say nothing of the profession, is such that to maintain our position in the community, requires the best ability to be found amongst the profession. I am not one of the "oldest," but within my recollection our position as a profession and trade has become very much infringed upon and restricted. Hence the necessity for unanimity, not only in sentiment as to the position and rights which are ours, but uniformity of prices ought also to prevail, which would tend more to foster a healthy, fraternal feeling amongst the druggists of the Province. But some one says, "Show us a plan by which to accomplish your object." Here is one which I have been giving some thought to.

The Province being divided into districts, let each district name three or four of its members, who with the council representative would form a delegation to a conference composed of the delegates from all the districts. The district delegates should secure all possible information as to prices in their respective districts; also a list of all articles kept in drug stores, I mean drugs and sundries; it is not to be expected that paints, oils, &c., can reasonably be included in a druggists' price list. This data secured, the difficulty presents itself, viz:—upon what principle shall the prices be fixed. The necessity for a certain amount of elasticity, if we may use that term, is apparent. The first thing to do is to ascertain the cost of selling goods, which can be done by securing from as many druggists as possible the ratio of expense, exclusive of living expenses, to both cost of goods, and total volume of business; some have estimated this at from 20 per cent. to 35 per cent. of the volume of business done. It is easier to see that the larger the volume of business the less the relative expense of doing business. Enquiry and experience lead me to believe that in village and town stores the per cent. is about 25 or 30. The next question to decide is whether the profits to be derived shall be estimated by per cent. or shall there merely be a re-adjustment of the prices which have prevailed for so long. If the latter, what plan will secure uniformity. There is but one which appears feasible, that is to adopt for each article the lowest price for which such article is sold in any part of the province, this price to be a minimum, and any druggist who considers it too low can increase the price. The cost of drugs is virtually the same to all druggists, subject to the fluctuations of the

market, which do not always favor the same individual; freights, express, &c., to long distances are a very small item in the increased cost of goods, hence it may be assumed that goods bought on the same day from the same house will cost the same delivered to any part of the province. Any difference will be so small that the profit secured by the sale will be sufficient to cover the increased cost of delivery and still not put the individual at any decided disadvantage to his competitors. Thus the adoption of the lowest price will not work any injustice to the druggists of the province, as surely no one can be found foolish enough to sell goods at less than a living profit. Exception would have to be made to prices the direct result of cutting.

The price book secured, how shall it be placed in the hands of the druggists, and its universal adoption secured? This is the most difficult part of the programme. I have some suggestions, but will defer for a time.

It is to be hoped that the District Associations will take this matter up and thus pave the way to increase the prosperity and influence of the druggists of the province. Our field of action is being ruthlessly trespassed on and unless some decided stand is taken our profession will become a by word and reproach.

Yours truly,

R. S. MUIR.

PORT ELGIN, Dec. 4, 1890.

To the Editor:

DEAR SIR,—A communication, signed J. F. Burkholder, hailing from London, Ont., appears in the December number of the *Canadian Pharmaceutical Journal* in which the writer discourses *eloquently* on "cabbage heads," "Darwinian movement of plants," "Kentucky blue licks," "Spectrum analysis" and "Science" all in one breath. As Mr. B. is, I believe, a graduate of the Ontario College of Pharmacy, he probably knows a great deal about these subjects and feels delighted in airing them to "those druggists who never saw the inside of a college door," (what a beautiful sight it must be, and how it would astonish the poor, ignorant, ancient druggist to see it).

But, sir, aside from all the frivolous exclamations from a person who has seen the "inside" of a college door, what do the contentions amount to? Simply this, that the Council, according to his idea sought in some way to "bully the teachers," and wished to show their authority. Now, while not appearing as an apologist for any of the Council, and not desiring to shield them in any way in which they may have erred, I think the facts prove conclusively that the "shoe is on the other foot" altogether. As a prominent ex-member of the Council remarked—*this* Council seems determined to run their own business themselves, instead of allowing the professors to run it for them—and, are they not right? Do not we druggists send these men as our representatives to manage the affairs of the Col-

lege, not to ask any professor how it should be managed? That, in "my humble opinion" is the secret of the matter. What our College wants is an able teaching staff, who, with their work laid out for them, will use their utmost endeavors to make the College as it should be, one of the leading exponents of pharmaceutical teaching on this continent, leaving the work of Council management entirely to the Council, whose province it is to see that in its hands every student has the best of pharmaceutical training and laboratory experience, and that the provisions of the Pharmacy Act are faithfully carried out.

Thanking you for valued space, I am
Yours truly,

WESTERN DRUGGIST.

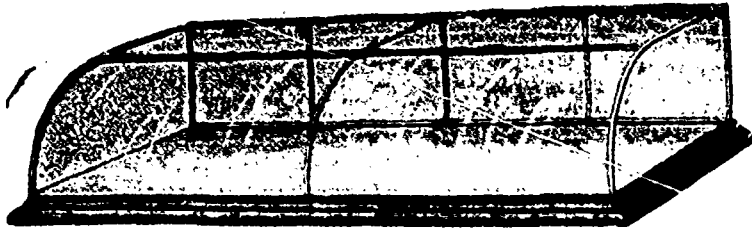
To the Editor of The Canadian Druggist:

There is considerable talk *re* coming elections, but many of the districts have not even local organizations. Owing to the importance of the coming election is it not time that some active work was being done?
ORGANIZE.

Pharmacy in Bulgaria.

The Austrian journals are paying special attention just now to pharmaceutical affairs in Bulgaria, which seems to be a kind of happy hunting-ground for crowded-out pharmacists from the dual monarchy. Some months ago we published some particulars concerning the condition of pharmacy in the Bulgarian principality, and we now add to the particulars then given some details gathered from recent issues of the journal of the Austrian *Apotheker-Verein* and the *Pharmaceutische Post*. Bulgaria is divided into departments, which are subdivided into districts. In most of the departmental capitals, towns of 9,000 to 10,000 inhabitants, but including, very often, an administrative area of 60,000 to 70,000 inhabitants, there is generally only one pharmacy, which might be supposed to do a splendid trade, and would do so but for the fact that the illegal exercise of the craft—in spite of the stringency of the laws which are supposed to protect the legitimate professors of the art—is almost openly practiced throughout the country by itinerant hawkers, quacks and priests. The establishment of pharmacies is only allowed by special consent.

Many druggists are asking about California bees. The Toronto Evening News reports the following:—California bees are simply a fungus growth which is found on the inside of a beer tap, and which, like all other fungi, has the power to increase rapidly with apparently little or no sustenance. Put two tablespoonfuls of molasses and two teaspoonfuls of brown sugar to a quart of water and let it stand three days; then bottle it, putting three good teaspoonfuls of sugar and about a third of a teaspoonful of home-ground ginger to a quart of the beer and let it stand two days. Look out for your eye when you open the bottle.



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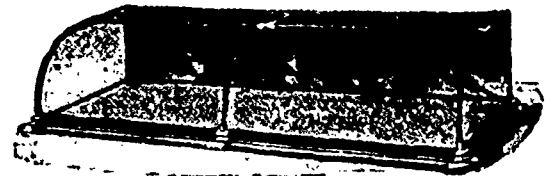
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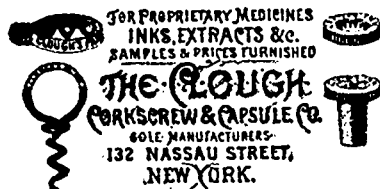
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KENNETH CAMPBELL & CO.
WHOLESALE DRUGGISTS AND
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MONTREAL.

CAMPBELL'S FLUID EXTRACTS
Are prepared with scrupulous care and are as low in price as quality will justify.

CAMPBELL'S ELIXIRS
Are at least equal to any before the public, and are very moderate in price.

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Are prepared with every regard to quality and appearance. A comparison is solicited with other makes.



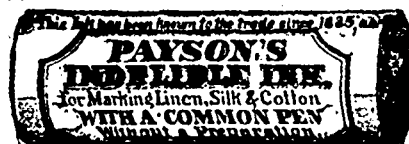
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Sitzer's Worm Syrup,
Leistershire Tick and Vermin Destroyer,
Kennedy's Founder and Hoof Ointment,
Golden Eye Salve,
Star Cement,
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Clarke's Female Pills,
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THE OLDEST. - THE BEST.



Trade Supplied by all Wholesale Druggists.

THE WINGATE CHEMICAL CO.,

B. E. MCGALE, Manager.
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Smith's Green Mountain Renovator,
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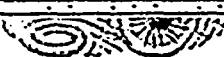
THE BEST SELLING—
—BEST ADVERTISED
And Most Reliable in the Market,
ORDER A SAMPLE DOZEN FROM YOUR JOBBER.
W. S. BARKWELL, LONDON, ONT.



A WORD TO COUNCIL ELECTORS.

In a few months' time the Druggists of the Province will be called upon to select representatives for a New Council. Explanations regarding difficulties with the Professoriate of the College, involving many interesting details of which the uninitiated are at present practically ignorant, will undoubtedly form the basis upon which a Candidature will be prosecuted.

The advertiser on page 17, who is lessee of this one, will here from month to month give such impartial information as an intimate acquaintance with these matters for many years has made him cognizant of. Watch for future issues, and oblige Advertiser by reading what he has to say relative to his own business on page 17.



One of Our Leading Wholesale Houses.

A sketch of the progress of the business of Evans & Sons, Limited, from the time it commenced business in Canada to the present date, will prove, we believe, interesting to our readers. This Company is an offshoot of the large and world-known firm of Evans, Sons & Co., Liverpool, perhaps the largest importing and exporting drug house in the United Kingdom, — the registered offices of the Company being at 55 Hanover Street, Liverpool, where Messrs. Evans, Sons & Co.'s chief offices and warehouses are situated, the London firm being Evans, Lescher & Webb of 60 Bartholomew Close.

Some time prior to 1861 Messrs. Evans, Sons & Co., had entertained the idea of establishing a branch of their business in Canada, and as Messrs. Lamplough & Campbell, druggists, of Montreal, expressed a desire to retire, this opportunity was embraced of succeeding to an already well-established business. The stock in trade of Messrs. Lamplough & Campbell was purchased, and under the style of Evans, Mercer & Co., the new firm started out, on what has since proved to be a greatly increased and prosperous business. The premises of Messrs. Lamplough & Campbell on Notre Dame Street, soon proved too small for the rapidly increasing trade of the young firm, the adjacent building was therefore leased and the two thrown into one. After three years these in turn became too cramped, when the firm determined to build a warehouse of their own more suitable to their growing wants. The property they now occupy on St. Jean Baptiste Street, in the Centre Ward, was purchased, and a large and commodious warehouse erected thereon. In addition a well equipped laboratory was arranged with all modern appliances for the manufacture of the innumerable tinctures, powdered drugs and official preparations pertaining to the drug trade.

In 1878 Mr. Mercer retired, when the senior partner, the late Mr. Henry Sudgen Evans, ex-President of the Pharmaceutical Society of Great Britain, assumed the sole control. The business had increased to such an extent that the new premises, commodious and all as they appeared, were found to be too small. The adjoining property was purchased, and made into private offices with a factory for the manufacture of a number of their own proprietary articles and others which the firm had acquired by purchase. In 1881 Mr. Henry Sudgen Evans, who had been offered the position of Dominion Analyst, retired, selling out all his rights, etc., to the present company, which was incorporated under the "Limited Liabilities Act of Great Britain," the capital stock of which is held entirely by the members of the English firms. Such had been the increased demand for the Company's preparations that the old laboratory was condemned as being too small. The directors decided to dismantle the old and build the present capacious premises with new

engines, mills, and all the latest improvements which go to make up a first class Pharmaceutical establishment. The new laboratory as it now stands, was erected and arranged under the personal supervision of Mr. Alfred Bickerton Evans, the resident director of the Company in Canada, and junior partner of the firm of Evans, Sons & Co., and is the most perfect of its kind in the Dominion.

The Company possesses several valuable standard preparations — their Ursina, Aretusine, and Nurse's Treasure being favorably known to the trade in the Dominion, and greatly appreciated in the United States, where large quantities are put upon the market. They are the sole consignees for the Dominion of the famous Montserrat Lime-Fruit Juice, and its preparations — the produce of the Olveston Plantations, on the island of Montserrat, in the British Bermudas. This juice is furnished by the English firm direct from the island, and is the only juice supplied to the British Navy. Their Savar's Toilet Requisites, wherever introduced, are steadily increasing in favor.

The Company have large and commodious premises at 23 Front Street West, Toronto. This branch of the business is under the able management of Mr. Jas. H. Pearce (of Messrs. James H. Pearce & Co.) who acts as agent for the Company, and whose ability and experience is so well and favorably known to their Western customers.

They also have a depot and factory at 13 Central Wharf, Boston, Mass., being the distributing point for their proprietary articles for the United States market.

Thus briefly is the history of this enterprising Company since its commencement in Canada, and the popularity of their goods indicates in the most positive manner the hold they have obtained on the good will and esteem of the trade generally. The facilities of the Company are such as to place them beyond criticism, and their trade includes in its operation the whole Dominion.

Liquor Ferri Albuminas.

BY A. MORRISON, PH. G.

This preparation of iron has come into prominence in the last few years not so much in this country as in Germany and other parts of Europe. It is recommended very highly in chlorosis and anemia, as it is more readily absorbed by the blood than other preparations of iron. A great many formulae for the preparation of this solution have been offered by many prominent chemists and pharmacists. The fifteenth edition of the United States Dispensatory gives a formula which is highly recommended by Prof. C. L. Diehl. It is as follows. Take of

White of egg..... 4 Troy ozz.
Solution chloride of iron..... 50 minims.
Water..... 12 fluid ozz.

Mix the white of egg in a mortar with eight ounces of water, and add the solution of iron previously diluted with the

remaining four ounces of water, and filter through paper. A cinnamon brown solution is obtained, which is too light in color, and after standing for a short time, deposits a flocculent, whitish precipitate. This precipitate is caused by the slightly alkaline state of the albumen. After making several experiments, I found that an increase in the amount of iron and the addition of a small amount of hydrochloric acid (to make the solution neutral), would give a solution not much deeper in color but one that would not precipitate on standing. This solution I evaporated to dryness and found the scales to be very soluble. A formula which gives satisfaction, and which is much liked by physicians, was furnished by Prof. Francis Heun, of the St. Louis College of Pharmacy. The form of iron used in this formula is in the dialyzed state, and is preferable to the solution containing chloride as there is no astringency noticed. The following is the formula: Take of

Dialyzed iron..... 12 fl. drams.
White of egg..... 12 fl. drams.
Cinnamon water..... 30 fl. drams.
Alcohol..... 39 fl. drams.
Hydrochloric acid..... 15 drops.
Water to make..... 18 fl. ounces.

The white of egg is diluted with the cinnamon water and filtered. The iron, previously diluted with six ounces of water and acidulated by the H. Cl., is added to the filtered liquid and this mixture well shaken. The alcohol is added and then enough water to make eighteen fluid ounces. This solution has a dark ruby red color, a pleasant and agreeable taste, and is much preferred to the one made by using chloride of iron. This solution is not as strong in iron as the first, but seems to be taken up by the blood equally as well and as much iron absorbed. The dose of albuminate of iron is one-eighth to one-half teaspoonful.—
Drug Review.

Cure for Warts.

Dr. Webster, in *Cal. Med. Jour.*, says: Within the past month a little boy was brought to the office of the writer who was literally covered with warts. His face, his hands—in fact, his entire body was dotted with thousands of these growths, and the father who brought him naturally desired their removal very much.

For this purpose the following prescriptions were made:

1. R Magnesium sulphate..... 1 dr.
Aqua, ad q. s..... 6 oz.

M. Sig.: Take a teaspoonful four times daily.

2. R Thuja Occidentalis..... 20 drops.
Glycerine..... 11 oz.
Aqua, ad q. s..... 6 oz.

M. Sig.: Take a teaspoonful four times daily in alternation with No. 1.

Within three weeks from this time the boy was brought to the office, with a cough to be prescribed for, and every vestige of the warty excrescences was gone—certainly an unquestionable tribute to the influence of internal remedies upon new growths.

HERMAN BECKER.

UNDER PATRONAGE OF U. S. GOVERNMENT.
ESTABLISHED 1850.

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.

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GENUINE BEAR OUR
Firm Name, Dates of Patents,
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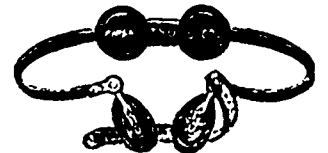
On Plate of Each Truss.

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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

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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.

FORMULÆ.

GLYCERINE LOTIONS.

Glycerin Lotion with Irish Moss
 Mucilage of Irish Moss, N. F. . . . fl. oz. 4
 Glycerin " 6
 Hamamelis water, N. F. " 4
 Cologne water " 2
 Sodium borate gr. 30

Glycerin Lotion and Tragacanth.
 Tragacanth gr. 60
 Glycerin fl. oz. 2
 Water " 4
 Extract of rose gtt. 6

Glycerin Lotion with Gelatin.
 Gelatin dr. 2
 Glucose oz. 1
 Glycerin " 6
 Water " 3
 Oil of rose gtt. 5

Glycerin Lotion with Quince Seed.
 Quince Seed dr. 2
 Salicylic acid gr. 2
 Water, boiled and cooled oz. 16
 Glycerin " 8
 Cologne water " 2
 Tincture of benzoin dr. 1

A NON-BITTER SOLUTION OF QUININE.
 Sulphate of quinine 0.50 grms.
 Dilute sulphuric acid 0.50 " "
 Essence of mint 5 gtt.
 Saturated solution of saccharine 10 grms.
 Distilled water 90 "

—*Journal de Medicine.*

MALCOLM'S NIPPLE OINTMENT.

Take of
 Litharge 1 drm.
 Dilute acetic acid 1 " "
 Glycerine 2 drms.
 Olive oil 2 "

Mix and add
 Soft Paraffin ½ oz.
 Make an ointment.

LOZENGES FOR DRYNESS OF THE THROAT AND MOUTH.

Dr. Solis Cohen states that he has used with much satisfaction for the relief of the uncomfortable sensations of heat and dryness which characterize many acute and chronic affections of the mucous membrane of the mouth and throat, a lozenge made according to the following formula:

Fluid extract of Pyrethrum ½ minim.
 Pilocarpine Hydrochlorate 1-32 grain.
 Pure extract of licorice 2 grains.
 Powdered acacia 2 " "
 Glycerin 1 minim.
 Sugar enough to make 20 grains.

The lozenge is allowed to dissolve in the mouth, and one is used every two, three, or four hours, as necessary; the quantity of pilocarpine should be reduced. The addition of 2 grains of ammonium chloride will often be beneficial in subacute inflammatory conditions of the mucous lining of the respiratory tract, while in more chronic affections 2 or 3 minims of the oleoresin of cubebs will serve a good purpose.—*Therap. Gaz.*

AQUA MELLIS.

The following is given by a French journal as the formula used by a celebrated London perfumer:—

Coriander seeds 7 lbs.
 Cloves 12 oz.
 Storax 8 " "
 Nutmegs (bruised) 8 "

Lemon peel 10 oz.
 Calamus 6 " "
 Proof spirit 15 pts.
 Water 8 "

Macerate for a month in a closed vessel, then distill 22 pints, and to the distillate add:—

Orange flower-water 5 pts.
 Otto of rose 24 drps.
 Ambergris 1 gn.
 Vanilla 2 oz.

Macerate for eight days and filter.
 —*Chemist and Druggist.*

FLUID RED SEALING WAX.

Melt 2 parts Venetian turpentine and dissolve therein four parts white shellac. Allow to cool somewhat and add 10 parts of 96 per cent. alcohol. Rub 5 parts of cinnabar into a paste with alcohol and add this to the mixture, constantly stirring during the addition. The whole is put into convenient bottles, and when it is desired it can be made perfectly fluid by immersing the bottles in warm water and shaking.—*Neue Erf. u. Erfahr.*

GENERAL COUGH MIXTURE.

Take of
 Oxy-mel of squills 2 fluid ounces
 Ipecacuanha wine 1 fluid ounce.
 Aromatic sulphuric acid 3 fluid drams.
 Essence of aniseed 1 dram.
 Glycerine 1 fluid ounce.
 Camphor water to 8 fluid ounces.

One teaspoonful for a dose for young children; more up to one teaspoonful for adults. Both these mixtures are comparatively harmless; if they should be given by misadventure as an overdose the worst that occurs is emesis. At the same time they prove very effective in actual practice.—*Brit. and Col. Druggist.*

TOILET VINEGAR.

Take of
 Tinct. Tolu 4 ozs.
 " benzoin 4 " "
 Oil lemon 6 drms.
 " Portugal 6 " "
 " bergamotte 6 " "
 " cedrat 3 " "
 " limetta 90 drps.
 " pitigrain 90 " "
 " lavender 40 " "
 " rosemary 40 " "
 Musk 1 drm.
 Acet. acid dil. 3 pints.
 Alcohol 10 "

Mix.
OIL OF ROSE.—In a pamphlet by Christo Christoff, in Kazaulik, Bulgaria, we get some interesting information concerning oil of rose. He tells us that this valuable product was first obtained from rose petals in the seventeenth century, but long before that time rose water was distilled from them and used as a cosmetic. Tradition states that the roseplant and the distillation of its oil was carried then from Tunis by a wandering Turk.

In the year 1888, Bulgaria produced 2,573 kilos (about 5,470 pounds) of the oil, an amount that certainly makes that the "land of roses," when we remember the enormous number of roses necessary to its manufacture.—*Meyer Brothers' Druggist.*

When you are inclined to argue with a customer, still the feeling. Business is not adapted to rules of debate.

The London Drug Co.

WHOLESALE DRUGGISTS,
 IMPORTERS AND MANUFACTURING CHEMISTS,
 LONDON, - ONTARIO.

WE OFFER, OF OUR OWN MAKE:

Chlorate of Magnesia.
 Raspberry Chlorate of Magnesia.
 Spirits Aetheris Nitrosi Pur.
 Spirits Ammonia Arom. distilled.
 Fluid Extracts, a full line.
 Chlorodyne, from a well tried formula.

POWDERED DRUGS

OUR OWN GRINDING:

Cream Tartar, lbs, kegs and boxes.
 Pure Spices of all kinds.
 Insect Powder, etc., etc.

—AGENTS FOR—

Batger's Confectionery.
 Gray's Syrup Red Spruce Gum.
 Major's Cement.
 Eugene's Corn Salve.
 Kern's Rheumatic Cure.
 Warrick's Real Flavors.
 Sloan's Indian Tonic-Genuine,
 William's Crown Sarsaparilla, etc.

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

**DID YOU HEAR ABOUT
 —THIS?—**



Pennyroyal Wafers

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

NOT A DRUGGIST

In Canada or United States ever was overstocked with our goods when buying of us, but several got bit with counterfeiters. 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.

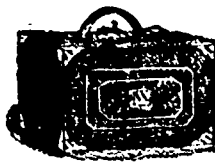
Address to Main Office,

Eureka Chemical Co.,

10 & 12 Michigan Ave.,
 DETROIT, MICH.

REVOLUTION.

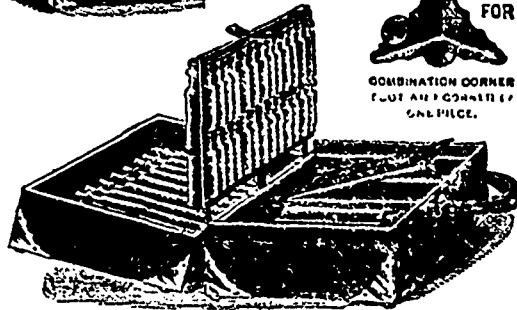
No more destruction of leather loops or spilling of remedies.



METAL SPRINGS.
Pat. July 31, 1890.



PAT. AP'D FOR
COMBINATION CORNER
FOR ANGLE CORNER OF
SAL. PILE.



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

No. 1890 BUGGY CASE—OPEN.

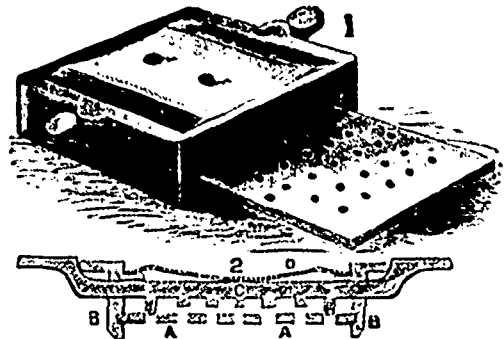
Much time and annoyance saved in taking out and replacing the bottles, and the durability of cases TEN TIMES that of the old way of constructing, by the use of these Patent Springs and the Combination Corner and Foot.

No. 1890 Medicine Case contains two ounce bottles, 26 three drachm vials, and 25 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.

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Anderson's Tablet Triturate Machine.

SIMPLE. ACCURATE. DURABLE.

Tablets can be made in from one-half to one-third less time with this machine than is required with any other. Machines for making from 25 tablets up to 200.

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COMPACT. COMPLETE. PERFECT.

This file is made in three styles, holding from 1000 to 6000 prescriptions each, and is the only practical prescription file ever devised.

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PRACTICAL. SIMPLE. ECONOMICAL.

This Percolator is guaranteed to give satisfaction, and is suitable for making Tinctures, Fluid or Solid Extracts, Elixirs, etc. No matter what you want in the shape of a Percolator we can furnish one adapted to your wants.

For Catalogue and Price Lists of these and other Pharmaceutical Apparatus, Supplies, etc., address

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VERY STRENGTHENING.

It contains all the NUTRITION that
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SOME SPECIALTIES.

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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.

Gold as a Therapeutic Agent.

BY C. J. S. THOMPSON.

The use of gold as a medical agent is of considerable antiquity, dating back to a very early period, and, like mercury, whose action it much resembles, it was accounted of great value by the alchemists of old.

Centuries ago, both precious metals and stones were credited with wonderful healing properties; and the diamond, the sapphire, ruby and amethyst were supposed to have marvelous virtues. The apothecaries of the seventeenth century used it largely as a stimulant, also in the treatment of epilepsy, and it entered as an ingredient into many of their compound elixirs and other preparations.

Culpeper, in his "Physician," says, "Gold is temperate in gravity. It wonderfully strengthens the heart and vital parts. In cordials it resists melancholy, faintings and swoonings, also fevers and falling sickness, and all such like infirmities incident either to the vital or animal spirit."

An ancient poet quaintly remarks:

"For gold is cordial, and that's the reason
Your raking misers live so long a season."

Down to the very early part of this century it was in most of the pharmacopœias of Europe, and was prescribed largely for syphilis; but like musk and other expensive remedies once frequently employed in medical practice, the internal administration of the precious metal has almost entirely dropped out of use.

The physiological action of the salts of gold may easily be tested, and it is also stated to have diaphoretic properties. It was frequently used by medical men fifty years ago in the treatment of syphilis, many of whom believed it to be superior to mercury in severe cases.

One of the oldest preparations of gold was known as *crocus solis*, and prepared in several ways. The *crocus solis* of Germany was directed to be made by first making an amalgam, composed of 1 part of gold and 6 parts of mercury, and triturating it with twice its weight of sulphur. It was then heated in a crucible till the mercury and sulphur became dissipated, and the gold remained in the form of a brown powder. Another method of preparation, also, was by precipitation, as follows:

R—Divided gold.....q. s.
Acid. nitro-hydrochlor.....q. s.

To dissolve the metal, dilute the acid solution with 12 parts of water, then add a solution of potash to excess. Wash and dry the precipitate thrown down.

A frequent old fashioned method of administering a preparation of gold was by rubbing it into the gums or over the tongue.

Crocus solis formed the base of several preparations, such as Kornmann's panacea, in which it was combined with hydrargyrum sulphuret and oil of cinnamon; also gold en hartshorn, that had great reputation as a cordial and sudorific, and was composed of *crocus solis* and prepared hartshorn.

The stannate of gold, well known as the purple of Cassius, was formerly prescribed internally, to be taken in progressive doses of $\frac{1}{20}$ to 1 grain, from $\frac{1}{2}$ to 1 grain being also recommended to be rubbed over the tongue. The metal itself was used in the form known as divided gold, made by forming an amalgam of mercury and gold leaf, in parts of 1 to 6, the mercury being taken up by hot nitric acid, then dried, and the residuum pulverized.

Divided gold was administered in doses of $\frac{1}{2}$ to 5 grains daily, by rubbing on the gums. It was used also to make the syrup of gold, a preparation recommended in lotions for application to syphilitic ulcers. The formula is given as follows:

R—Divided gold.....21 grs.
Simple or gum syrup.....1 oz.

Mix intimately.

The chloride of gold was once frequently ordered in medicine, and usually given in doses of $\frac{1}{10}$ to a $\frac{1}{2}$ of a grain daily, and was also used in making the pills. Combined with starch it formed the powder of chloride of gold. The tinctura auri was a somewhat expensive preparation, and made in the following manner:

R—Pure gold.....1 dr.
Acid. nitro-hydrochloric.....1 oz.

Dissolve and add

Ol. rosmar.....2 oz.

Set aside until the color of the acid disappears, then add

Rectified spirit.....8 oz.

The dose of this tincture was from 5 to 10 drops. Another form of aurate of ammonia, known as *aurum fulminaris*. It was made by precipitating divided gold from solution in nitro-hydrochloric acid with ammonia and was prescribed as a diaphoretic, in doses of from 3 to 6 grains. It was used in the preparation of the balsam of gold made by dissolving one part of aurate of ammonia in 4 parts of oil of juniper. A popular remedy largely used in continental countries was known as General La Motte's drops, and consisted of aurate of ammonia dissolved in nitric acid, and diluted with rectified spirit. It was regarded as a sovereign remedy in more senses than one.

The bromide of gold has been recently prescribed by several medical men in cases of epilepsy with success. It is given in doses of $\frac{1}{10}$ to $\frac{1}{20}$ of a grain, so it is quite probable we may see gold again come into use in medicine, and its preparations once more on the shelves of the pharmacy. —*Pharmaceutical Journal and Transactions.*

TO DISTINGUISH ARTIFICIAL FROM GENUINE MUSK.—*Nouv. Revue* gives the very simple expedient of placing it in contact with sulphate of quinine.

The artificial musk gives up its odor to the quinine, while the true musk remains unaffected, retaining its penetrating odor in its entirety.

Quinine will preserve mucilage, paste, &c.

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Is Coming ?

And with its approach the raising of that puzzling question: "What is the BEST gift I can make to my friends and relatives?" As filling all these requirements what could be more appropriate than a year's subscription to

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the brightest and cheapest of all the monthlies. Such a gift will bring the memory of the giver to mind with each recurring month. You cannot possibly make a present of a more useful and delightful character. Send in your subscriptions now, so that they can begin with the superb Christmas number.

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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:

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

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Syrups--Medicinal and Medicated.

Concentrated Liquors for Extemporaneous Use.

DIGESTIVE FERMENTS,

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

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Plain, Perfumed, Medicated; Its Preparations and combinations.

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

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In Roll, Porous, Court and Surgeons'.

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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 county and colony on the face of the globe.

In the preparation and putting up of a private formula in Powder, Pencil, Liquid, or any other form, we can do it better, cheaper and more elegantly than the retail dealer can possibly himself. SEND FOR QUOTATIONS.

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Stearns' Effervescent Granular Hydrobromate of Caffeine.

Caffeine Selditz--Very efficient headache remedy.

Improved Bronchial Lozenges--Very soluble. Put up in bulk and in boxes. Sample sent upon application.

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Fluid Extract Cascara--Modified. Free from bitter taste. Full strength.

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GLUTEN FLOUR.

This article is highly recommended in cases of Diabetes, as the Starch is mainly converted into dextrose. Many physicians recommend it instead 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.

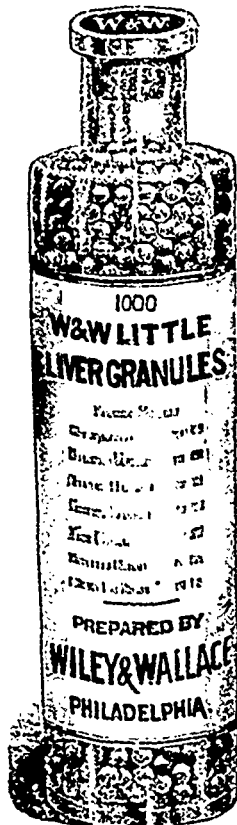
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SMALL, PLEASANT, PROMPT, EFFECTIVE.

1,000, 90 Cents.

54.00, (one bottle) \$1.25, 10,000, (one bottle) \$5.00.

1 gross in glass, 70 in each, \$10.50

1 gross in glass, 30 in each, \$5.25

1 gross in glass, 30 in each, 7.00.

Buyers Address.

FORMULA.

Atom, 1-10 gr.; Jalapin, 1-10 gr., Podophyllin, 1-10 gr., Ext. Hyoscyamus, 1-20 gr.; Ext. Nux Vom. 1-20 gr.; Oleo Res. Capsici, 1-25 gr.



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Sticks Everything

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759 Craig Street, - MONTREAL.

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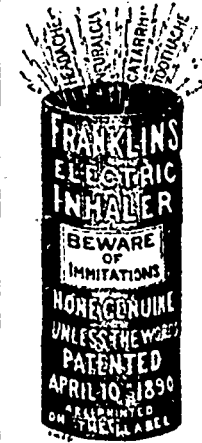
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- Hagyard's Yellow Oil, Yaguard's Black Oil, Yaguard's Condition Powders,
- Dr. Wilson's Magnetic Ointment, Hagyard's Cat's Paw, Dr. Logan's Extract Strawberry,
- Dr. Boyer's Galsanic Fluid, Dr. Life's Worm Lozenges, National Pills,
- Egyptian Salve, Dr. Alerneth's Worm Candy, Freeman's Soothing Syrup,
- Freeman's Worm Powders, Freeman's New Domestic Dyes, Dr. Low's Worm Syrup,
- Dr. Low's Sphur Soap, Dr. Low's Pain Cure Oil, Milburn's Beef, Iron and Wine, Rose's Hair Reviver,
- Milburn's Quinine Wine, Rose's Hair Reviver

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

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

Retails for 25c.

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

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MAKE THE BEST SEAMLESS TIN

PLAIN, LACQUERED AND DECORATED

• IN THE MARKET •

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

WATSON'S COUGH DROPS

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

— UNEQUALLED —

R. - & - T. - W

Stamped on each drop.

CANADIAN DRUGGIST.

WM. J. DYAS, EDITOR AND PUBLISHER.

DECEMBER 15th, 1890.

AN advertisement appearing on an obscure page of the *N. Y. Druggists' Circular*, announces "Professorships Vacant" in the Ontario College of Pharmacy. In order that those who are fitted for the positions and are open for engagements of the kind may have an opportunity of becoming acquainted with the fact, we give this gratuitous advt. in the CANADIAN DRUGGIST, the medium that reaches those interested, and will further say that application is to be made to John J. Hall, Vice-President O. C. P., Woodstock, Ont.

Before the next issue of the CANADIAN DRUGGIST the holiday season of Xmas-tide will have come and gone, with its attendant pleasures, as well as its plethora of business cares. To the busy druggist very frequently the mere name of holiday is all that this season means to him, but there is no reason why we should not all share in the festivities of the season, to the casting away for the time being at least of our business and its surroundings. To all of our readers, to the druggists of Canada from the Atlantic to the Pacific, we convey our most sincere wishes for "A Merry Christmas and a Happy New Year."

The year just drawing to a close has in many ways proved an eventful one, if not specially with the drug trade, yet with its co-lateral branches of medical research and scientific investigations. The early part of the year with its visitation of "La Grippe," caused a somewhat unusual boom in business and a large demand for many of the special remedies employed in its treatment; this, as is usually the case, was followed by a somewhat stagnated state of trade for some time, but which gradually improved—and the year on the whole has, we believe, proved a good average one in the drug trade. The bacterial researches, which last year were the cause of much speculation as to results, have this year proved still more interesting, mainly on account of Dr. Koch's treatment in tuberculosis, etc., and the gratifying results of many of his operations have still further intensified the interest in these researches. Of new preparations, and also old ones under new names, we have also had our quota, many of which, notably Aristol, Phenacetin, Salol, Exalgin, Oresin, etc., promise through past results to have a permanent hold on prescribers. The "drug market" has been rather an uneventful one, some few ups and downs, but little of note.

In the November number of this journal there appeared a letter from A. B. Petrie, Guelph, in reference to the desirability of uniformity of prices, together with the publication of a "Universal Price Book" for the trade. This is a question which should commend

itself to every druggist, as nothing perhaps is so perplexing as the diversity of prices which now exist in many places, and which frequently places the druggist in an unenviable position with his customer. There is no doubt that taking the retail prices of drugs on the whole, they are too low, when cost of labor and incidental expenses are added to the wholesale prices, realizing only a very moderate percentage, and as this is a matter, which like most trade questions, can only be solved by organized co-operation; the idea of a delegation from the several parts of the province to discuss the matter, is, in our opinion, the only feasible plan. We are glad to learn from several sources that this letter has set our brother druggists thinking, and we trust others will follow the example of another correspondent this month, R. S. Muir, of Port Elgin, who offers some tangible suggestions, and that they will express their views through the columns of the CANADIAN DRUGGIST.

WHILE discussing matters relative to the trade, we would solicit from our readers expression of opinion in regard to the suggestion made in the letter of our valued New York correspondent in the October number, viz., as to the organization of a Canadian Pharmaceutical Association, somewhat similar to that of the American Association. Of course, in attempting anything of this kind, we could at first only feebly imitate that body, but with united exertion and a determination on the part of our leading pharmacists to make it a success, we believe that a great deal could be accomplished in forming an association which could not fail to benefit the profession in every way. Much speculation might be indulged in as to the probable practical results of an organization of this nature, but in our opinion, the banding together of the druggists of this country for self-improvement and the regulation of trade in many matters that now are difficult to handle, would of themselves be of sufficient importance to warrant an attempt of this kind.

We would urge upon our local Associations, and Pharmacists throughout the Dominion, the advisability of fully discussing this matter, both locally and through the columns of this journal. One suggestion we might offer for consideration is the appointment of one or two delegates from each local association, or where such does not exist we see no objection to any druggist appointing himself a delegate, for certainly the larger the attendance the better, they to meet in some place hereafter to be chosen, when this matter might be thoroughly discussed, and preliminary arrangements made for the formation of the Association.

It is stated that an influenza epidemic is raging in Japan, over 100,000 cases being reported from the city of Tokio alone.

The man who is in love with his work never need fear any rivalry from other people.

Reviews.

PHYSICIAN'S VISITING LIST FOR 1891—Philadelphia, P. Blakiston, Son & Co. This popular Visiting List has now reached the fortieth year of its publication, and is as usual a marvel of completeness and excellency of arrangement, and almost indispensable to the physician. The edition before us, besides the usual tables of poisons and antidotes, posological table, etc., contains aids to diagnosis, and treatment of diseases of the eye, and other valuable articles. Nothing could be more suitable as a holiday present from the druggist to his physicians.

* *

A COMPEND OF PHARMACY, by F. E. Stewart, M. D., Ph. G., based upon Remington's text-book of Pharmacy. A Quiz Compend which is not only a valuable aid to the student, but also a reference book for the pharmacist or physician who requires to brush up his memory. The third edition now published has an additional feature in the incorporation of comparative tables of weights and measures. P. Blakiston, Son & Co., Philadelphia, Publishers.

* *

AYRTON & SAUNDERS, 149 Duke Street, Liverpool, Eng., have issued an illustrated price list and catalogue which is one of the most complete and useful one of its kind we have ever seen, including in its pages a "want" book, a necessity for every druggist.

* *

PAINTING AND DECORATING, published by the House Painting and Decorating Co., Philadelphia, is one of the foremost of trade journals published, and certainly outstrips anything in its particular line—the matter is particularly suitable to the trade it represents, its illustrations are good and typography excellent.

Mr. T. T. Cousins (Ossett) sends the following recipe for pills supplied by him to a customer the other day:—2*℥*. Turkey rhubarb, 2*℥*. Ikery pikery, 2*℥*. Jalop. Mix the above with a little gin, then rowl them in magnesia. Take 2=1 hour after you get asleep, and 2=1 hour before you wake.—*Chemist and Druggist.*

Wanted.

DRUGGIST—Do you know of a vacancy or good opening for a Physician? Best Ontario and New York City degrees. Several years' experience. All reference required. Address F. W. P., Physician and Surgeon, 321 East 39th Street, New York.

Situations Vacant.

WANTED AT ONCE—Druggist's Assistant with three or four years' experience. Apply to J. W. Sutherland, Hamilton, Ont.

Situations Wanted.

SITUATION WANTED as Manager of a Drug Store, with a view to purchase or partnership, by an experienced Druggist, graduate of Ontario College Pharmacy. Address—Drawer 22, care Canadian Druggist, Strathroy, Ontario.

Business for Sale.

DRUG BUSINESS FOR SALE, together with Store and Dwelling. Best chance in Canada. Live town of 1500 inhabitants. Electric Light and Telephone system. G. T. R. terminals. Five passenger steamboats and good fishing. Address B., care of Canadian Druggist, Strathroy, Ont.

To the Retail Druggists and Chemists of Canada.

GENTLEMEN :

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

The following Agents have thus far been appointed :

DRUGGISTS -- WHOLESALE.

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Lyman Bros. & Co.
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The London Drug Co.

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Kerry, Watson & Co.
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MY PREPARATIONS :

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

Can be purchased through the above Houses at List Prices.

Price List and Circulars supplied on application.

T. A. SLOCUM, M. C.,

186 West Adelaide Street, TORONTO, ONT.

Ontario College of Pharmacy.

The following are the questions given at the Semi-Annual Examinations, Dec., 1890.

PRESCRIPTIONS.

Examiner - A. R. FRASER. Time allowed - Two Hours.

1.—Translate into English, and describe fully, manner of mixing the following prescription, pointing out any errors which may occur:—

Recipe

Ferri et Ammonae Citratis drachmam unam cum semisse.

Potassii Iodidi drachmas duas.

Tincturae Quassia.

Vini Quinae ana uncias duas.

Spiritus Ætheris Nitrosi drachmas duo decim.

Mucilaginous Acaciae unciam cum semisse.

Aquam ad uncias unciam sex misce.

Fiat leges artes de qua cochleare largum unum secundis vel tertis horis, donec dolor exulaverit dein quatuor in die pro necesse sit.

2.—Translate into English, describe fully manner of mixing the following:—

R

(a) Iodin : Resub. gr xl
Glycerine dr iss
Kali Iodid. gr xxxv
Cera Alb. dr i
Ung : Cetacei ad oz i

M. ft ung :

Appl e ope peneilla camel ter quaterve indies nucha capitis.

F.

(b) Hydr : Subchlor. gr ii
Guaiaci Res : gr iv
Antim : Sulph : Precip : gr ii
Tere Stimul in pil ii Tales xxx i T. D. S. et cap h. s. omne secunda nocte.

N.B.—State quantities required for 30 pills.

3.—A prescription reads:—

R

Strychnine. gr. 1-60
Aqua. dr. i.
Mitte. oz. viii.

M.

You keep in stock a solution one grain in a hundred. How much would you use? Show work.

4.—What quantity of the following drugs will dissolve in four ounces of cold water?

Ammon : Benzoes	Pot : Bromid :
Hydr : Perchlor :	Ferri Redact :
Cupri Sulph :	Argent Nit :
Lithia Carb :	Antifebrin.

5.—Give full Latin and English for following:—

Si febr adest :	Sesquih :
C : M : S :	Aq Pluv :
Pocil :	Cochleat :
Q : V : , Coq : in S : A :	Semih :
	Trid :

6.—Name the Poisons which must be Registered, by Pharmacy Act of 1889.

7-10.—Oral examination.

PRACTICAL DISPENSING.

Examiner—W. MURCHISON. Time Allowed—Two Hours.

MRS. LENT'S CHILD.

R

Ol. ricini dr. vi.
— terebinth. dr. ss.
Sp. Ammon. aromat. . . . dr. i.
Pulv. acaciae q. s.
Aque ad. oz. ii.
M. Ft. mist. Coch. divid. min. omm. tert. hora sum.

MRS. FOSTER.

R

Emp. Plumbi. } x 5 in.
Super adutan extend.
Partibus affectis applicandum

MR. JONES.

R

Camphora gr. xii.
Pulv. glycyrrh. rad. gr. vi.
M. Ft. massa in pil No. vi. divid.
Cap. unum quaque nocte h. s.

MR. DEAN.

R

Bism. subnit. dr. i.
Potass. iodid. dr. ss.
Vasellini. oz. ss.
M. Ft. ung. Regioni affectae appl. p. r. n.

MISS HILL.

R

Camphora dr. ii.
Liq. Ammoniac. oz. i.
Ol. Olive. ad oz. iv.
M. Ft. lin. Semel vel bis die applicand.

CHEMISTRY.

Examiner—B. JACKES. Time Allowed—Two Hours.

1.—Give source, preparation and purification of Carbonate of Potassium.

2.—Describe two kinds of Barometers. What is their principal use? How is the height of a mountain estimated by a Barometer?

3.—Give method of testing Sugar and Albumen in Urine.

4.—Give the result in equations of a mixture of Silicate of Sodium and Chloride of Calcium. What is the preparation, and what are its properties?

5.—Work out a sum to show how much metallic Silver in 1,000 grains of Nitrate; and how much metallic Copper in 1,000 grains of Sulphate. (Show working.)

6.—Separate bottles containing Liquor Calcis, Liq. Plumbi, Liq. Chlori, and Liq. Potasse. How test them?

7.—Describe process of manufacture of Acid. Phos. Dil. State what danger, if any, there may be in its preparation.

8.—What action (if any) has Chlorine on Spirits Turpentine, on Iodine, on Metallic Antimony, on Oxide of Copper?

9 & 10.—Oral examination and recognition of samples.

BOTANY.

Examiner—CHAS. R. SNEATH. Time Allowed—Two Hours.

1.—Describe the structure of the endogenous stem. What characteristics are common to the plants of the class in which it is found?

2.—What is the Oyle? Describe its growth from formation to maturing, nam-

ing its parts. Name and define the terms applied to its various forms.

3.—Write a note on the Flower, explaining (1) Its origin; (2) Its various modifications and all applied terms relating to form, structure, etc., etc.

4.—What is the Gynœceum?

Give a full description of its various parts and modifications. Name and define all technical terms in connection.

What is its function?

5.—To what class of plants is the term "Cryptogam" applied.

What families or orders are grouped under sub-division Pteridophyte?

6.—Give Botanical name of all plants of the following orders yielding B. P. Official Drugs, viz.:—

Compositæ, Rosacæ, Umbelliferae.

7.—What is a Botanical Root?

How distinguished from a root-stock. Explain clearly what are Adventitious Roots, stating fully the botanical application of the term.

8.—Oral examination.

PHARMACY.

Examiner—F. HELMAN. Time Allowed—Two Hours.

1.—Name ingredients and the proportions of active ones in—

Glycerinum Boracis,
Tinctura Iodi,
Tinctura Cinchonæ Compositæ,
Pilulæ Asafetidæ Compositæ,
Vinum Quinae, and
Linimentum Terebinthine, Aceticum.

2.—Give official definition of Spiritus Ætheris Nitrosi, and state theory, or rationale, of the process for its preparation.

3.—Give official, or other similar method for estimating the value of Spiritus Ætheris Nitrosi.

4.—Give official name of Hoffman's Anodyne.

State definitely what the preparation is, and

Briefly outline process for its preparation.

5.—Define the term "Solution."

Distinguish between the various kinds of same.

State phenomena exhibited during process, and

Give methods of facilitating the solution in water, of Sodium Chloride, Lithium Carbonate, Calcium Hydrate, Chlorine.

6.—Give best excipient for exhibiting in pill form the following:—

Reduced Iron, Permanganate of Potash, Phosphorous, and a mixture of Carbonate of Potash and Dried Sulphate of Iron

7.—For the testing of what galenic preparations is the volumetric solution of

Hyposulphite of Sodium used, and
What is its mode of action?

S.—Oral examination.

MATERIA MEDICA.

Examiner.—Mr. PRICE JACKES. Time
Allowed—Two Hours.

1.—State the action of Rectified Spirit
on Gum Acaeh, Myrrh, Bals. Tolu., Asa-
fetida, Sublimed Sulphur, Acid. Boracic
and Gutta Percha.

2.—Name drugs in the B. P. derived
from animal source.

3.—Give a short process for the assay
of Opium, and state what percentage of
Morphine Powdered Opium should con-
tain.

4.—Several kinds of Snakeroot are
known in commerce; give botanical name,
habitat, and medicinal properties of each.

5.—How would you estimate the quali-
ty of a sample of Aconite Root, and the
purity of samples of Powdered Canthar-
ides, Balsam Copaiva, Castor Oil, Citric
Acid and Glycerine?

6.—Name the B. P. Preparations into
which the following enter:—Chloroform,
Chrysarobin, Bals. Tolu., Galls, Resin of
Scammony, Calumna and Chamomiles.

7.—Jalap. Name natural order, habi-
tat, active principles and other constitu-
ents, adulterations and preparations.

8.—Give the sources from which the
following are obtained:— Petrolatum,
Phenol, Eserine, Veratrine, Bael Fruit,
Salicylic Acid, Brucine, Pilocarpine Ni-
trate, Codeine, Elaterium and Canada
Balsam.

9 & 10.—Oral examination.

FROM AN ILLINOIS DRUGGIST'S DOCTOR.
—I have comminst praectersin Medison
hear and if you will send me sum meddison
I will pay you shore I want some
kalomel 10 Cts worth
Bellydonna 10 Cts worth
Eppicack 5 Cts worth
quinine 50 Cts worth
doavers Pauder 10. Cts worth
kian pepper 5 Cts worth
Gundys pich 5 Cts worth
Akamony 10 Cts worth
Comfire 10 Cts worth
Ruburb 10 Cts worth.

—National Druggist.

To COLOR IVORY.—Ivory billiard balls
are colored by dyeing the surface of the
ball and it lasts until that portion of the
ivory wears off. The crimson color is
produced by first boiling the ball in dilute
nitric acid fourteen minutes and then for
the same length of time in a solution of 1
to 200 of stannous chloride. The final
boiling is in a solution of carmine in water
dissolved by aid of ammonia. The balls
are finally polished off with linseed oil
which makes them bright.

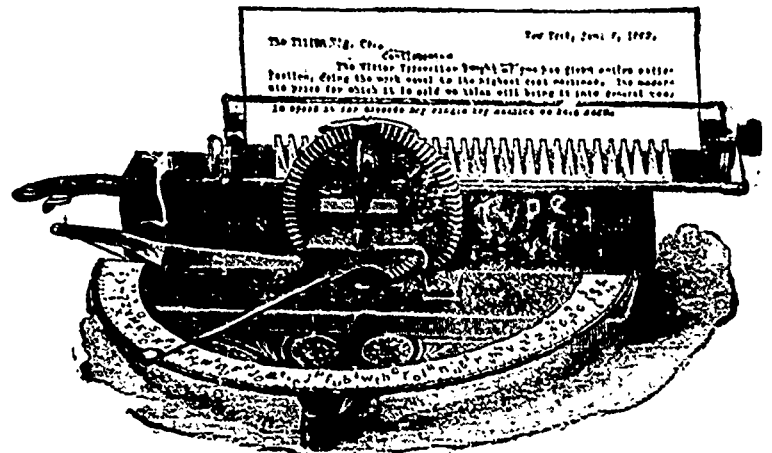
Sealy iron salts dissolve more readily
by adding the scales gradually to the
menstrum than by triturating in a mor-
tar.

GARFIELD TEA FOR CONSTIPATION AND SICK HEADACHE

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

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

EVERY
DRUGGIST
SHOULD
HAVE ONE OF
THESE
MACHINES.



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

GEORGE BENGOUGH, Agent.

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

Agents wanted in every town and city in Dominion.

AN OLD NURSE'S FOR CHILDREN!

MRS. WINSLOW'S

Soothing - Syrup

FOR CHILDREN TEETHING,

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

TWENTY-FIVE CENTS A BOTTLE.



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, \$1.62 each.

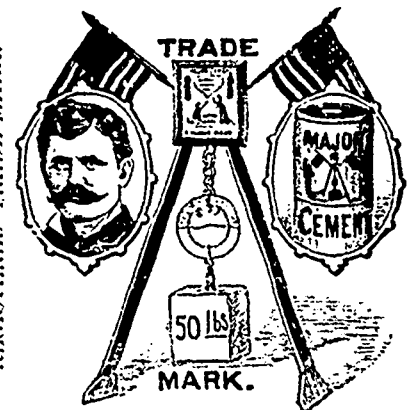
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180 Broadway, N. Y. City.

Major's - Cement.

REGISTERED TRADE MARK.



ESTABLISHED 1876.

MAJOR'S CEMENT, for repairing China,
Glassware, Furniture, Meerschaum, Vas-
es, Books, Tipping Billiard Cues, etc.
15 and 25 cents.

MAJOR'S LEATHER CEMENT for re-
pairing Boots and Shoes. 15 and 20c.

MAJOR'S RUBBER CEMENT for re-
pairing all kinds of soft rubber goods.
15 cents.

MAJOR'S BEST LIQUID GLUE for
repairing wood, etc., always ready for
use. 10 cents.

Advertising matter sent by mail on application. I also
furnish a handsome sign for inside and a stand, 3 ft. 6 in.,
for outside use, with a 50 lb. weight, and a thermometer
4x21 inches, first-class in every respect. Send for terms.

A. MAJOR, 232 William Street, New York City.
KERRY, WATSON & CO., Montreal, P.Q.
and the LONDON DRUG CO., London, Ont.

Extract of Licorice.

BY P. W. BEDFORD.

The pharmacist is at times at a loss to know just which is best to purchase of the many varieties of this article which are to be had at present. The U. S. P. recognizes under the above title any commercial extract which yields not less than 60 per cent. of matter soluble in cold water. This then permits the presence of 40 per cent. of other material, including moisture. As the U. S. P. does not direct any preparation to be made containing this variety of extract, why should it remain in that work? If it is a commercial article only, as it is defined, and there be no better method of describing it than what proportion of it is soluble in water, why should it be recognized at all by this volume?

Licorice root, as it enters into commerce, is mainly obtained from the Mediterranean basin, that which comes from western Italy to Spain, having a sweeter taste than the Greek or Turkish, which comes from Greece and Asia Minor. What is known as Russian or Crimean is mainly decorticated, and as the bitterness is usually confined to the bark of the root, this variety does not possess the bitter taste alluded to. This variety is not, however, used for making the extract, as the labor of decortication adds too much to the expense.

The manufacturers of licorice extract in stick must either obtain a very large proportion of insoluble matter from the root, or else retain it in presentable form by adding some material which will absorb the moisture and hold the extract in cylindrical rolls. There are several methods of accomplishing this: Superheated steam or steam under pressure removes the starch in a temporarily soluble form, the addition of dextrin, starch, and various inert vegetable substances will answer the purpose, and to keep up the color it is even asserted that lamp black is called in to aid in the deception. In the cheaper kinds that are offered, molasses, cheap commercial extracts, as of chestnut, quercitron and others, are known to be used, and the true extract of licorice suffers in proportion to the price that is to be expected for the product.

It is also known that there are to be purchased some varieties of what is known as mass or paste licorice, which are quite pure and might well be substituted for the more expensive extract glycyrrh. porum of the U. S. P. for the only purpose for which that volume calls for its use, viz., mist glycyrrh. comp., a relic of the past, which might better be in the National Formulary, if it is to be retained anywhere. (In view of the unreliability of the spirit of nitrous ether being of any value whatever in this preparation, why should not this be left out of its composition?) This mass of paste licorice, to be sure, is also liable to be found on the market of a variable character as to purity, but it can be had of some brands which are very reliable and excellent. The tobacco manufacturers understand this

question apparently better than the pharmacists, and as they are the largest consumers of extract of licorice, are pretty apt to be posted as to quality of mass licorice. It is generally supposed that the test of producing "ammoniated glycyrrhizin" from the extract or paste licorice would be a good indication of its value, but it would seem that some of the adulterants of this will also yield a precipitate with acid and so vitiate results. This might with advantage receive some careful consideration from the revisers of the U. S. P. and other investigators of a chemico-pharmaceutical turn, and we suggest that some more reliable tests if available would be exceedingly desirable. From licorice root the production of ammoniated glycyrrhizin would be practicable and reliable, but the extract or mass licorice is a very variable product, and unless there be some method of identifying the ammoniated glycyrrhizin and isolating it from other matters that may be precipitated by acid, we shall need a new departure for a reliable test. Meanwhile it would seem that quality is better insured by the integrity of the manufacturer than by some tests which lack reliability. — *Pharm. Record.*

Saccharinated Preparations.

Paschkis, in Heft IV of *Zur Frage der Unschadlichkeit des Saccharins*, gives the following formulae for the use of saccharin in medicine and pharmacy:

1. Simple Solution of Saccharin, to replace simple syrup.

Soluble saccharin 18 parts.
Water 2,500 parts.

Mix and dissolve.

2. One per cent Solution of Saccharin.

Pure saccharin 10 parts.
Sodium bicarbonate 5 parts.
Distilled water 1,000 parts.

Mix and dissolve. Ten parts of this solution correspond to 25 parts of sugar.

3. Saccharinated Syrup of Rhubarb, to replace syrup of rhubarb.

Rhubarb, in powder 250 parts.
Sodium carbonate 5 parts.
Soluble saccharin 18 parts.
Distilled water 3,000 parts.

Proceed as in making syrup of rhubarb.

4. Saccharinated Syrup of Bitter Orange Peel.

Tinct. of bitter orange peel . . 10 parts.
Simple sol. of sacch. (No. 1) . . 70 parts.

Mix.

5. Saccharinated Syrup of Senna and Manna.

Senna leaves 250 parts.
Star anise leaves 20 parts.
Manna 1,000 parts.
Soluble saccharin 18 parts.
Distilled water 2,500 parts.

Mix. Proceed as in syrup of senna and manna.

6. Saccharinated Emulsion of Almonds.

a. Sweet almonds 350 parts.
Soluble saccharin 7 parts.
Distilled water 2,500 parts.

Mix,

b. Sweet almonds 500 parts.
Bitter almonds 200 parts.
Soluble saccharin 15 parts.
Distilled water 2,000 parts.

Mix.

7. Saccharinated Almond Powder.

Sweet almonds 600 parts.
Powder of gum arabic 80 parts.
Saccharin 1 part.

Mix.

8. Mixture of Saccharinated Almonds.

Saccharinated almond powder 10 parts.
Distilled water 105 parts.

Mix. This mixture is preferable to the emulsion b (No. 6.)

9. Saccharinated Dover's Powder.

Dover's Powder 100 parts.
Gum arabic, powdered 400 parts.
Soluble saccharin 2 parts.

Mix.

10. Saccharinated Compound Licorice Powder.

Powdered senna leaves . . . 100 parts.
Powdered licorice root . . . 100 parts.
Fennel 50 parts.
Flowers of sulphur 50 parts.
Soluble saccharin 2 parts.

Mix.

Brains in Business.

A writer in *The Office* says: One great secret of success in business—the secret, in fact, of success on a large scale—is to conceive of it as a matter of principles, not merely as a series of transactions. There are great merchants as there are great statesmen, and there are small merchants as there are small politicians, and the difference between the great and small men is very much the same in both. The small politician works by the day, and sees only one opportunity before him; the small merchant does the same thing—he is looking for the next dollar. The statesman on the other hand, is master of the situation because he understands the great principles which control events; this knowledge enables him to deal with large questions and to shape the future.

The great merchant does the same thing. His business is not a mere money-getting affair, not a mere matter of barter, but a science and an art; he studies the general laws of trade, watches the general condition of the country, investigates present needs, foresees future wants, and adapts his business to the broad conditions of his time and place. He puts as much brains into his work as does the statesman, and he ends by being not a money-getter, but a large-minded and capable man.

An eminent successful man of the statesmanlike quality said the other day that the more he understood of life, the more clearly he saw it was all done on business principles; by which he meant not only that the universe is governed by unvarying laws, but that promptness, exactness, thoroughness and honesty are wrought in every fibre.

On these business principles all life is conducted—if not by men, at least by that Power which is behind man. It ought to be the ambition of every young man to treat his business from the point of view of the statesman, and not from that of the politician.

HARVARD BRONCHIAL SYRUP

A Marvellous Remedy for all
all forms of

Coughs, Colds, Bronchial Throat
or Lung Troubles.

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

It emanates from the highest Medical
source in America.

For Sale by all the Wholesale Trade.

For Sale by all Retail Dealers at

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

A. J. LAWRENCE,

Sole Proprietor and Manufacturer
for Canada,

MONTREAL, - QUEBEC.

This Beats All.

\$1.00 FOR NOTHING.

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

MARTIN RUDY, Lancaster, Pa.

DR. H. P. WILKINS' LIVER POWDERS

Promote Cheerfulness and Rest.

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

PRICE, 25 CENTS PER BOX.

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

Whol sale by ELLIOTT & CO., Toronto, Ont.

- CIGARS. -

OUR LEADING LINES :

10c.

"LA ALYIA,"

"LA FAMEUSE,"

"HAWAIIAN PEARL,"

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"FASCINATOR,"

"PERFECTION,"

"BABY PEARL,"

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

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

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

Please mention this paper when ordering

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AMERICAN OIL COMPANY

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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 ½ lb., 1 lb. and 5 lb. cans.

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

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

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

FOR SALE BY ALL DRUGGISTS.

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

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

A New Worm Remedy!

DAWSON'S CHOCOLATE CREAMS.

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

Children Never Refuse Them.

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

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

Wallace Dawson,

MANUFACTURING CHEMIST, - MONTREAL.

Cements.

A HARD AND USEFUL CEMENT. The *Journal du Gaz et de l'Electricité* gives the following recipe for a very hard cement: Take a solution of pure white of egg in twice its weight in water, 2 parts; freshly slacked lime, 3 parts; powdered baryta, 1 part; mix well in a mortar, adding a little water, if necessary. The cement soon dries and becomes hard. It should be made up only as needed, as it cannot be kept soluble.

SHOEMAKER'S CEMENT.—Mr. J. Saunders has obtained a patent for a cement to be used for attaching leather to boots, and for belts. The cement is prepared by mixing together: Methylated ether, 1 lb.; carbon bisulphide, 8 lbs.; raw gutta-percha, 1 oz.; elastic glue, 1 oz.; indiarubber tissue, 1 lb. The mixture is left for twelve hours, and after being agitated for one hour is fit to use. The mode of application is to roughen the surfaces of the articles to be united, to apply one or two coats of the cement, allow to dry, warm gently, press both articles firmly together, and tap with a hammer.—*Jour. S. C. J.*

CEMENT FOR IRON RAILINGS.—For the cementing of iron railing tops, iron gratings to stoves, &c., the following mixture is recommended: in fact, with such effect has it been used as to resist the blows of a sledgehammer. This mixture is composed of equal parts of sulphur and white lead, with about one-sixth proportion of borax, the three being thoroughly incorporated together, so as to form one homogeneous mass. When the application is to be made of this composition, it is wetted with strong sulphuric acid, and a thin layer of it is placed between the two pieces of iron, these being at once pressed together. In five days it will, it is said, be perfectly dry, all traces of the cement having vanished, and the work having every appearance of welding.

CEMENT FOR INDIA-RUBBER may be prepared (*Elektroteck. Zeit.*) by soaking powdered shellac in a strong watery solution of ammonia, and the compound, before being used, is rendered fluid by heat. It is especially adapted for fastening metal, glass, &c., to smooth surfaces.

It is said a good cement for joining parts of apparatus, etc., permanently solid and waterproof, and which resists heats, oils and acids, is made by mixing concentrated sirupous glycerine with finely powdered litharge, to a thick, viscid paste, which is applied like gypsum. Glass, metal and wood can be cemented together by it.

IMPERMEABLE GLUE.—To make an impermeable glue, soak ordinary glue in water until it softens, and remove it before it has lost its primitive form. After this, dissolve it in linseed oil over a slow fire until it is brought to the consistency of a jelly. This glue may be used for joining any kinds of material. In addition to strength and hardness, it has the advantage of resisting the action of water.—*Revue Industrielle.*

TRANSPARENT CEMENT.—According to a French journal, a transparent cement can be prepared from the following formula: In a vial place 10 parts chloroform with 12½ parts non-vulcanized India rubber (in small pieces). The solution is readily effected; when ended, add 2½ parts gum mastic, and let the whole stand in cold for from eight to ten days. The cement is perfectly transparent and very sticky.

Paste for Labels on Tin.

Prepare a solution by boiling 2 ounces of shellac and ½ ounce of borax in 8 ounces of water. The space on the tin to be covered by the label is given one coat of this solution, and after drying, the label is applied with ordinary mucilage.

Mr. Sloane recommends a mucilage of tragacanth to which has been added 50 per cent. of syrup of acacia, and this has been found very satisfactory in the laboratory of Purdue University.

Mr. Leo Eliel uses the following:

1 Gum tragacanth.....	1 oz.
Gum acacia.....	4 ozs.
Thymol.....	14 grs.
Glycerin.....	1 ozs.
Water, q. s. to make.....	2 pts.

Dissolve the gums in 1 pint water, strain, add the glycerin in which the thymol is suspended, shake and add sufficient water to make two pints. As separation takes place on standing the mixture should be shaken before using.

2 Rye flour.....	4 ozs.
Powd. acacia.....	½ oz.
Glycerin.....	1 oz.
Oil of cloves.....	20 drps.
Water.....	sufficient.

Rub the flour and acacia to a smooth paste with 8 ozs. cold water, strain through cheese cloth and pour into 1 pint of boiling water. Continue the heat until as thick as desired. When nearly cold add the glycerin and oil of cloves.—*Pharm. Era.*

Glutine Pepton Sublimate.

The success which has attended the hypodermic injection of mercury compounds in the treatment of various forms of syphilis has attracted wide attention in this country, as well as on the Continent. Two disadvantages have, however, hitherto somewhat retarded its more general adoption—the great irritation caused by injecting the more soluble salts, and the slowness and uncertainty of the action of the less soluble preparations. In the first instance, the sores and inconvenience produced are sometimes quite serious, and in the second, the dose once given is entirely beyond the control of the physician, the mercury being deposited in the tissues, and being absorbed at intervals, so that the precise effect of each dose is quite uncertain. These serious objections are claimed to be entirely obviated by the use of *Glutine Peptone Sublimate*, said to be a double salt of mercuric chloride and glutine peptone. It possesses the advantage over ordinary peptone sublimate of being entirely non-corrosive. It is a white hygroscopic powder, soluble in water,

stable in solution, and contains one-fourth its weight of mercuric chloride. For use, one drachm of the salt is dissolved in 3½ fluid ounces of water, the dose of this solution being one Pravaz syringe-ful, equivalent to about one-sixth of a grain. The injection is made either into the connective tissue beneath the skin, or else beneath the muscles of the gluteal region.

Glutine peptone sublimate has been extensively experimented with in Germany, with excellent results. The average number of injections necessary to procure a complete cure is fifteen. Even when antiseptic treatment is not possible, excellent results may be obtained, and no abscesses were observed to follow the puncture; and those patients who have previously been treated with injections of calomel or with yellow oxide of mercury testify to the comparative painlessness of the glutine peptone injections. In short, it is claimed that glutine peptone sublimate is more reliable and rapid in its action than any other hypodermic mercurial, and practically non-irritant.—*Brit. and Col. Druggist.*

Lanolin Milk.

Paschke recommends this as an "ausgezeichnetes kosmetisches Mittel," a most excellent cosmetic, especially for skins poor in fat. It is valuable also, as a powder base, giving the skin an almost invisible covering of fatty material, which takes and holds cosmetic powders most admirably. It is prepared as follows:

Rub up 5 gm. lanolin with 10 ccm. of water, warming gently. To this mixture add 25 cg. neutral soap dissolved in 10 ccm. of water; rub up again, and immediately add sufficient warm water to make 100 gm., and agitate thoroughly. If desirable, 1 gm. tincture of benzoin or 1 gm. borax dissolved in a little water may be added. The mixture must be strained, because, even when most carefully made, small lumps of uncombined lanolin will remain suspended in it.

A NEW SUBSTITUTE FOR QUININE.—In *La Lyon Medicale* attention is drawn to an article by Dr. Filatoff, of Moscow, showing that the heliotrope can be substituted with advantage for quinine. The plant, it is stated, has for some time been in-use as a popular remedy against fevers in Russia, in Turkey and in Persia. In each of these countries a tincture is prepared by macerating in alcohol the leaves and stock of the plant.

The smell of paint may be taken away by closing up the room and setting in the centre of it a pan of lighted charcoal, on which have been thrown some juniper berries. Leave this in the room for a day and a night, when the smell of the paint will be gone. Some persons prefer a pail of water in which a handful of hay is soaking. This is also effectual in removing the odor of tobacco-smoke from a room.—*P. O. and D. Review.*

Price List of Lambert's Physician's Specialties :

LISTERINE.

ANTISEPTIC, PROPHYLACTIC, DEODORANT.

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

LAMBERT'S LITHIATED HYDRANGEA.

KIDNEY ALTERATIVE—ANTI-LITHIC.

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

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

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

REMINDE CANADIAN DRUGGISTS

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

Yours respectfully,

Lambert Pharmacal Co.,
ST. LOUIS.



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.



4 POINTS IN FAVOR OF Miller's Emulsion of Cod Liver Oil

IT LEADS THEM ALL.

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

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

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

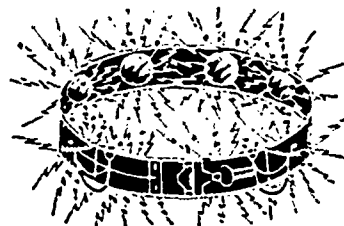
PREPARED BY

THE MILLER EMULSION COMPANY,

New York and Kingston, Ont

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

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 GOLD 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.

SELECTIONS.

SCARLET FEVER.—In France just now the use of large doses of ammonium acetate in the treatment of scarlet fever is advocated. The dose for children is 15 grains for every year of age; for adults the maximum dose is over 500 grains. The treatment is said to be most satisfactory.

IPECACUANHA WITHOUT EMETIN.—An Indian practitioner has devised a process for removing the emetin from ipecacuanha, leaving the powdered root otherwise unaltered. It is claimed that the curative virtues of the drug in dysentery are left intact, while the nausea following large doses of the crude drug is avoided.

NEW CHARACTERISTIC REACTION OF COCAINE HYDROCHLORATE. Silva, in the *Compt. Rend.*, treats cocaine or any of its salts with a few drops of fuming nitric acid, evaporates to dryness, and adds to the residue 1 or 2 drops strong alcoholic solution of potassa, stirring constantly. A very characteristic odor resembling that of peppermint becomes perceptible at once, even if as little as $\frac{1}{2}$ mg. of cocaine was present.

PRESERVATION OF HYDROGEN PEROXIDE.—For this purpose Kingzett recommends the addition of a small amount of ether. Experiments conducted by the author show that pure hydrogen hyperoxide lost, in twenty-eight days, 10 per cent.; in ninety-eight days, 27.4 per cent.; in 200 days, 39 per cent.; and in 190 days, 89.2 per cent. The addition of sulphuric acid reduced these figures to 9, 23, 27 $\frac{1}{2}$, and 68.3 respectively. Alcohol reduced them to 1, 7.4, 7.4 and 22.8 respectively while ether still further reduced them, showing a loss of the peroxide in times mentioned of 0, 1.3, 2.4, and 15.9 respectively.

CHLORIDE OF SODIUM AS AN ANTISEPTIC.—Fritsch, of Breslau, recommends chloride of sodium in solution, carefully sterilised and warmed, for the purpose of douching wounds after operations, instead of the antiseptics ordinarily in use. This solution he has employed in such operations as removal of uterine fibromyomata, ovariectomy, and in one Cesarean section, in all cases successfully. In his opinion cold antiseptic solutions should never be used in surgery, but always douches of chloride of sodium, sterilised and warm, of 0.6 per cent. strength. He believes that by this means patients complain of less discomfort after the operation, and more quickly recover.

INTENSIFICATION OF LIGHT REACTIONS IN CHEMICAL WORK.—As is well known certain chemical reactions are accelerated by sunlight; but Bruhl has recently intensified the effect by placing the retort in the focus of a concave mirror. The vessel contained zinc filings and ethyl iodide, and the mirror, which was about a foot in diameter, concentrated the sun's rays upon it. The reaction soon began and continued briskly till, at the expiry of a quarter of an hour, the ethyl iodide was

all consumed and a goodly supply of zinc ethyl ultimately obtained. Bruhl considers the concave mirror preferable to a glass lens, which would be less powerful, owing to the athermanancy of the glass, so at least it is reported.

IMPURE PHENACETIN.—It would appear that phenacetin is being mixed with the cheaper acetanilide and the mixture dispensed as phenacetin. A druggist at Elberfeld has been doing this to quite a considerable extent, and although it was proven and also that some untoward effects had followed its administration, he escaped at the hands of the jury, much to the surprise of others, the ground of escape being more the fault of the judge, who decided that it was not an adulteration because the difference in cost of the small powders was so small! To detect this adulteration Dr. H. Will states that acetanilide is far more soluble in water, 1 part dissolving in 200 parts of water within half an hour, while but 0.13 part of phenacetin will dissolve in the same quantity. In mixtures of these two chemicals they can be readily determined by this simple method, the relative solubilities remaining unchanged by the presence of either chemical.—*Apot. Zeitung.*

At a recent meeting of the Paris Society of Pharmacy (*Jour. Pharm. Chim. etc.*, 576), M. Lacroix stated that as the result of experiments he had found salol to be very soluble in olive oil, almond oil, castor oil, the oleoresins of copaiba and turpentine, and the volatile oils of sandal wood, turpentine, etc. These substances dissolve more than a third of their weight of salol at the ordinary temperature and the solution remains clear. Liquid vaseline dissolves one-third of its weight of salol at a temperature of 28 deg. C., below which point the solution solidifies, but a 10 per cent. solution of salol in liquid vaseline does not deposit crystals even at 0 deg. M. Lacroix takes advantage of this solubility to prepare transparent gelatine capsules containing salol associated with oil of sandal wood, copaiba, turpentine and almond oil to the extent of one-third.

TO MAKE A NON ACIDIFYING GUM ARABIC MUCILAGE. To overcome the tendency of mucilages of gum-arabic to acidify in warm weather, Francke recommends, in the *Pharmaceutische Zeitung*, that the freshly prepared solution of gum-arabic should be neutralised with lime-water. About 18 per cent. of freshly-prepared lime-water is sufficient. If a water containing from 18 to 20 per cent. of lime-water be used to prepare the mucilage, it is claimed that the latter will remain sweet for an indefinite period.

Fly specks, etc., may be removed from bronze by means of a mixture of lavender oil, 1 dram; alcohol, 1 ounce; water, 1 $\frac{1}{2}$ ounces. Use soft sponge and proceed quickly, with as little rubbing as possible.



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 Lame Side, Back or Stomach, and will prevent Rheumatism and a doctor's bill if used in time.

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

All are invited to send for Testimonials.

Sold by Druggists generally or by mail direct from

JAMES L. LEAVITT,

Attleboro, Mass., U. S.

"SUPERIOR NUTRITION THE LIFE"

IMPERIAL GRANUM

REG'D JUNE 8 '77



THE GREAT MEDICINAL FOOD

THIS ORIGINAL AND WORLD-RENOUNDED DIETETIC PREPARATION IS A SUBSTANCE OF PURITY AND MEDICINAL WORTH—*potent for good and powerless to harm.* A solid extract, derived by a new process from very superior growths of wheat—nothing more, and as a **FOOD**, it would be difficult to conceive of anything more wholesome and delicious. It has justly acquired the reputation of being the **salvator FOR INVALIDS AND THE AGED**; an incomparable aliment for the growth and protection of **INFANTS AND CHILDREN**; a superior nutritive in continued fevers, the most nourishing and strengthening food for **NURSING MOTHERS & CONVALESCENTS**; and a reliable remedial agent in all diseases of the stomach and intestines.

John Carlo & Sons, New York.

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 package contains one month's treatment.

For sale by Druggists and Pharmacists everywhere.

DR. J. A. MCGILL & Co.,

Proprietors, Chicago, Ill.

Address all Canadian Correspondence to

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

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 PROLAPSUS ANI, and despaired of ever being cured, but Dr. Child's Pile Ointment has perfectly relieved me, and I take pleasure in recommending it. I also have knowledge of a bad case of Eczema cured by this ointment."

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

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

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

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

CLARKE & CO.,

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

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.

Read the advertisement of T. A. Slocum on page 17.

We would call the attention of the druggists of Ontario, who are interested with the present slight difficulties of the Professoriate of the College to page 9.

Do you want a type-writer? If so the "Victor" will do the work of the larger machines, is less expensive and to those who have much correspondence it will be found a great boon.

The Dominion Dye Wood Chemical Co., of Toronto, are agents for Canada for the sale of Aristol, Phenacetin, Sulphonal, etc. The demand for some of these preparations has been so large that it has been impossible to fill all orders as punctually as desired. New stocks, however, have arrived and prompt shipments can now be made.

NO EXPENSE TO YOU.—Never be without advertising matter for Humphrey's Preparations. A postal card sent to the address of the Company (cor. William and John Streets, N. Y. City) will bring you a handsome sign or supply of Dr. Humphrey's Manuals with your name and address printed on each: all charges prepaid, *no expense to you.*

A good worm confection which requires no after medicine is one of those articles which must always sell and give satisfaction. The great difficulty has been to procure one which is readily taken by children. This desideratum has been achieved in Dawson's Chocolate Cream Drops which are decidedly pleasant and guaranteed reliable. See advt. in this issue.

The Tyrian Rubber Co., Andover, Mass., in a full-page advt. on page 3, advertise a speciality in their hot water bottles, covered with plush, an article specially suited to the season, and which is both attractive and commands a ready sale. The line of goods manufactured by this Co. are acknowledged to be of the best and unsurpassed by any other makers. When ordering specify "Tyrian."

H. G. Laurence & Son, 196 King St. West, Toronto, to whose advertisement we have pleasure in calling attention to in this number, are now well settled in their new premises which are of much larger capacity than their old ones. The senior partner gives particular attention to the details of the manufacture of their fine lines of show cases, some of which are particularly suitable for druggists. Their enlarged business in this and the fitting up of stores and offices keeps busy a large staff of first-class mechanics.

Read what the *Lancet* (London, Eng.) says of the Menthol Plasters advertised on page 31:—"The Menthol Plaster recently introduced into England is a good preparation. The specimen submitted for our inspection has an agreeable odor of peppermint and indicates its nature also by action of the Menthol Vapor on the conjunctiva. In two cases

where it was used on the breast, the action was quicker and more agreeable than the belladonna plaster used before. The writer of the article used it on himself, and the action of the Menthol was decidedly refreshing."

Amongst the most popular remedies now presented to the public, none perhaps occupy so prominent a position in their sphere as a reliable Emulsion of Cod Liver Oil and the Hypophosphites. Many of those now before the public display but little pharmaceutical skill in their manufacture, while others, from their style of putting up, are not "taking" goods. Miller's Emulsion, advertised on page 19 of this issue, is certainly one of the finest in point of perfection as an emulsion as well as in taste and general appearance that we have seen. No wonder that physicians who have used it are so profuse in their praise of it.

"It would be almost a relief to the reviewer if the *Cosmopolitan* magazine would give one an excuse to say an ill-natured thing about it now and then, but it does not. It is uniformly good and the November number is, if possible, an improvement upon those which have gone before. Its managers show the utmost enterprise, not only in the selection of contributions, but in the careful attention to detail in mechanical matters, without which the best choice of material has little effect. There is not, in all this country, distinguished as it is for the excellence of its work in this line, a magazine better printed, better illustrated or more thoroughly creditable than is *The Cosmopolitan*."—*Detroit Free Press.* See advt.

CANADIAN WINES.—It is undoubtedly to the advantage of the people of Canada to manufacture their own wines for consumption, and this is being done successfully on a larger scale every year. Apart from the business aspect of the matter so much adulteration is practiced abroad that consumers are willing to give a preference to the home article which is known to be made from the pure juice of the grape. Much of the wine imported is manufactured in Hamburg and Certe where manipulators can turn out at a few hour's notice almost any quantity or quality of wine that may be required, and at prices to suit all purses or consciences. The English, the American, and no doubt, the Canadian palate has heretofore called for a drier wine, and this has been catered to, to such an extent that raw alcohol is now largely used in many parts of Europe to give the requisite flavor and strength to wines for export. J. S. Hamilton & Company, of Brantford, Ont., have through many years' experience brought their manufacture of the brands of Canadian wines, referred to in our advertising columns elsewhere, to a high degree of perfection, and these are gradually taking the place of the foreign article. The celebrated Pelee Island grapes are of superior quality and flavor and are exclusively employed in the manufacture of J. S. Hamilton & Co.'s brands of wines.

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

Sole Manufacturers for the Dominion.

C. W. EMAN, General Manager.



For Sale Wholesale by

Toronto :

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

Hamilton :

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

London :

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

British Columbia :

LANGLEY & COMPANY.

Montreal :

EVANS & SONS, LTD.

THE SUCCESSFUL REMEDY

—FOR—

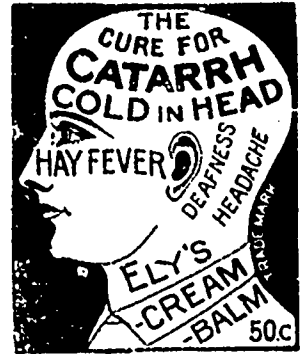
NASAL CATARRH

Must be Non-Irritating

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

ELY'S CREAM BALM.

This safe and pleasant remedy



Has Mastered Catarrh

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

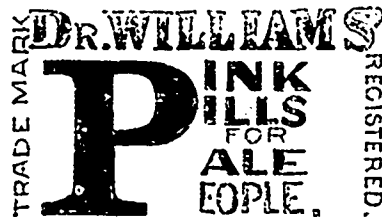
ELY'S CREAM BALM is soothing, excites no dread, dissolves the hardened accumulations, lessens the extreme sensibility of the membrane to cold and all external irritants, and is followed by no reaction whatever.

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

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

ELY BROS.,

56 WARREN STREET. - : - NEW YORK.



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 Anemia, 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,

Proprietor of the following Specialties :

Father Mathew Remedy,

Dr. Sey's Remedy,

Persian Lotion,

Indigenous Bitters,

Audette's Hair Promotor.

YOUR STOCK IS INCOMPLETE WITHOUT

- Bloxam's Electric Hair Restorer, (retails at 50c.)
- Case's Sarsaparilla Bitters, (retails at 50c. & \$1.00.)
- " Syr. Tonic & Co., (retails at 25c. & 50c.)
- " Corn Cure, (retails at 25c.)
- " Rosadermo, (retails at 25c.)

TERMS, 5% OFF 30 DAYS OR 4 MONTHS.

MANUFACTURED BY

H. SPENCER CASE,

HAMILTON, ONT.

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

Drug Report.

Business is fairly active, more for future supplies than actual wants, as business is quiet but should soon pick up.

Hops are higher.

The slight drop in silver tended to make East India goods easier, the recent advance will again stiffen values.

Cocaine has advanced fully 50 per cent., the leaves are very scarce and there is a probability that before the next crop reaches us, it will amount to nearly a famine. Glycerine is easier. Ipecac Root still has an upward tendency. Colchicum Seeds, lower. Beans Vanilla, Mexican crop good, prices low, sales large; cheap substitutes and imitations are plenty; any preparation, white or colorless, that claims to be made from Vanilla may at once be known as a fraud. Cattle-Fish Bone, the catch this year is only half usual amount, prices are higher. Insect Powder, prices have steadily declined and are lower than for years, look out for low prices after January 1st. Quinine unchanged. Pot. Iodide, no change to note. The advance has taken place in Glassware as we predicted, we understand jobbers are giving 35 per cent. and 30 per cent. respectively, on Green and Flint Glass in case lots.

Lanolin Cold Creams and Cooling Ointments.

The peculiar property which lanolin possesses of mixing with water renders it specially adapted for making cold cream and ointments of a cooling nature. It is well known that the presence of water in ointments has a remarkably cooling effect upon the skin, due to the slow evaporation of the water. Dr. Unna, the celebrated skin specialist, has found that the mixture of lanolin with an ordinary fat enables a large quantity of water to be incorporated therewith, and for ointments the proportions given are lanolin 1, fat 2, water 3, and for creams double the quantity of water. The following are a few formulae suggested by Dr. Unna, the figures in the first column being for ointments, and in the second for creams:—

COOLING.

	Parts.
Anhydrous lanolin.....	10 10
Benzoyated lard.....	20 20
Rose-water.....	30 60

Cooling with lime water, use the same as above, but limewater instead of rose-water.

GOULARD'S CERATE AND CREAM.

	Parts.
Anhydrous lanolin.....	10 10
Benzoyated lard.....	20 20
Goulard's solution.....	30 60

Cooling zinc ointment may be made like the rose-perfumed ointment, using 20 parts of zinc ointment in place of the benzoyated lard.

COOLING POMADE.

	Parts.
Anhydrous lanolin.....	10
Pomade.....	20
Distilled water.....	30

Any suitable perfume pomade may be used, and lime-water may take the place of distilled water.—*Chemist and Druggist.*

The Physiology of Sponges.

From experiments made by Dr. Lendenfeld, of Innsbruck, in connection with the physiology of sponges, it appears that absorption of food does not take place at the outer surface, but in the interior; only foreign substances used for building up the skeleton enter the sponge without passing into the canal-system. Grains of carmine and other matters often adhere to the flat cells of the canals, but true absorption only takes place in the ciliated cylindrical cells of the of the ciliated chamber. These get quite filled with carmine grains or milk spherules, but starch grains prove too large for them. Remaining in these cells a few days, the carmine cells are then ejected, while milk particles are partly digested, and then passed on to the migratory cells of the intermediate layer. Any carmine particles found in these latter cells have entered accidentally through external lesions. The sponge contracts its pores when poisons are put in the water, and the action is very like that of poisons on the muscles of the higher animals. Especially remarkable is the cramp of sponges under strychnine, and the lethargy (to other stimuli) of sponges treated with cocaine. As these poisons, in the higher animals, act indirectly on the muscles through the nerves, it seems not without warrant to suppose that sponges also have nerve cells which cause muscular contraction.

Solubility of Some Official Chemicals of the U. S. P.

T. W. Theisen, of the School of Pharmacy of the University of Wisconsin, has recently recorded in *Pharm. Rundschau*, the results of a series of careful experiments. The temperature of solutions was uniformly at 15° C. and the mean of several experiments are made as the resultant figure given. The solutions are in water except when given for alcohol, which are noted thus (alc.):

Acid salicylic.....	1 in 435.5
Acid salicylic (alc.).....	1 in 2.72
Argenti nitras.....	1 in 0.59
Argenti nitras (alc.).....	1 in 19.5
Hydrarg. chlor. corros.....	1 in 17.74
Hydrarg. chlor. corros (alc.).....	1 in 2.72
Plumbi acetat (alc.).....	1 in 30.25
Potass. bitart.....	1 in 25.5
Potass. iodide (alc.).....	1 in 15.1
Potass. sulph.....	1 in 10.03
Potass. sulph. (in boil'g water).....	1 in 4.22
Saccharum lactis.....	1 in 6.7
Sodii borat.....	1 in 27.
Sodii hyposulphis.....	1 in 0.648
Zinci sulphat.....	1 in 0.7

A LEITH Chemist avers that the following incident happened at his counter a little while back;—

Customer: A poulther for a bairn.

Assistant: What age, please?

Customer: Oh! I'm jist expecting it tae be born the nicht.



Special price in 1 to 5 gross lots.

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SPECIFICS. VETERINARY SPECIFICS.

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Syrup of Tar & Tolu

—FOR—

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

RETAIL AT 25 CENTS.

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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.

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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.

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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 DECEMBER 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	CASOR, Fibre, lb.....	7 50	8 00	Bleached, lb.....	45	50
Methyl, gal.....	1 90	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
ALON, oz.....	40	45	CHARCOAL, Animal, powd., lb.....	4	5	Sorts, lb.....	25	75
ANODYNE, Hoffman's bot., lbs.....	50	55	Willow, powdered, lb.....	20	25	Thus, lb.....	8	10
ARROWROOT, Bermuda, lb.....	45	50	CLOVE, lb.....	25	30	Henn, Althea, lb.....	27	30
St. Vincent, lb.....	15	18	Powdered, lb.....	30	35	Bitterwort, lb.....	27	30
BALSAM, Fir, lb.....	45	50	COCHINEAL, Honduras, lb.....	40	45	Burdock, lb.....	16	18
Copaiba, lb.....	75	1 00	COLLODION, 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	CONFECTON, Senna, lb.....	2 50	3 00	Chiretta, lb.....	25	30
BARK, Barberrry, lb.....	22	25	Cresote, Wood, lb.....	2 00	2 50	Coltsfoot, lb.....	20	38
Bayberry, lb.....	15	18	CUTTLEFISH BONE, lb.....	35	40	Feverfew, ozs, lb.....	53	55
Buckthorn, lb.....	15	17	DENTRINE, lb.....	10	12	Grindelia robusta, lb.....	45	50
Canella, lb.....	15	17	DOVER'S POWDER, lb.....	1 50	1 60	Hearhound, ozs, lb.....	17	20
Cascara Sagrada.....	30	35	EUCO, 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	Chamomile, 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, Val'a, oz.....	1 00	1 25	Yerba Santa, lb.....	38	44
Soap (quillaya), lb.....	15	18	GELATINE, Cooper's lb.....	1 20	1 25	HONEY, lb.....	15	20
Wild cherry, lb.....	13	15	French, white, lb.....	40	50	Hors, fresh, lb.....	30	35
BEANS, Calabar, lb.....	45	50	GLYCERINE, lb.....	19	22	INDIGO, Madras, lb.....	75	80
Tonka, lb.....	1 50	2 75	GUARANA.....	3 00	3 25	INSECT POWDER, lb.....	40	45
Vanilla, lb.....	6 00	9 00	Powdered, lb.....	3 25	3 50	ISINGLASS, Brazil, lb.....	2 00	2 10
BEERRIES, Cubeb, 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	Socotrine, lb.....	65	70	Bay, lb.....	18	20
Ground, lb.....	12	14	Assafoetida, lb.....	23	25	Belladonna, lb.....	25	30
Prickly ash, lb.....	40	45	Arabic, 1st, lb.....	1 00	1 10	Buchu, long, lb.....	40	45
BEES, 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
CAMPFUR, lb.....	65	85	Benzoin, lb.....	50	1 00	Eucalyptus, lb.....	18	20
CANTHARIDES, Russian, lb.....	2 60	2 10	Catechu, Black, lb.....	9	20	Hyoseyamus.....	25	30
Powdered, lb.....	2 10	2 20	Gamboge, powdered, lb.....	1 30	1 35	Matico, lb.....	70	75
CASISGUM, lb.....	25	30	Guaiac, lb.....	80	1 00	Senna, Alexandria, lb.....	25	30
Powdered, lb.....	30	35	Powdered, lb.....	90	1 20	Tinucelly, lb.....	15	25
CARBON, Bisulphide, lb.....	16	18	Kino, true, lb.....	45	45	Stramonium, lb.....	20	25
CARBINE, No. 40, oz.....	40	50	Myrrh, lb.....	45	48	Uva Ursi, lb.....	15	18
			Powdered, lb.....	55	60	LEECHES, Swedish, doz.....	1 00	1 10
			Opium, lb.....	4 50	4 75	LICORICE, Solazzi.....	45	50
			Powdered, lb.....	6 00	7 00	Pignatelli.....	35	40
			Seammony, 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

Y & S—Purity, 100 sticks in box	75	75	Unicorn, lb.	38	40	Subcarbonate, lb.	2 75	3 00
" Purity, 200 sticks in box	1 50	1 50	Valerian, English, lb. true	20	25	Subnitrate, lb.	2 40	2 10
" Acme Pellets, 5 lb. tins	2 00	2 00	Virginia Snake, lb.	40	45	BORAX, lb.	10	60
" Lozenges, 5 lb. tins	1 50	1 75	Yellow Dock, lb.	15	18	Powdered, lb.	12	11
" Tar, Licorice & Tolu, 5 lb. tins	2 00	2 00	RUM, Bay, gal.	2 00	2 25	BROMINE, oz.	8	13
LUPULIN, oz.	30	35	Essence, lb.	3 00	3 25	CADMIUM, Bromide, oz.	20	25
LYCOPodium, lb.	70	80	SACCHARIN, oz.	1 00	2 00	Iodide, oz.	45	50
MACE, lb.	1 20	1 25	SEED, Anise, Italian, sifted, lb.	13	15	CALCIUM, Hypophosphite, lb.	1 50	1 60
MANNA, lb.	1 60	1 75	Star, lb.	35	40	Iodide, oz.	95	1 00
Moss, Iceland, lb.	9	10	Burdock, lb.	30	35	Phosphate, precip., lb.	35	38
Irish, lb.	9	10	Canary, bag or less, lb.	4	5	Sulphide, oz.	5	6
MESK, Tonquin, oz.	46 00	50 00	Caraway, lb.	10	13	CERTUR, Oxalate, oz.	10	12
NUTGALS, lb.	21	25	Cardamom, lb.	1 25	1 50	CHINIDINE, oz.	15	18
Powdered, lb.	25	30	Celery	20	25	CHLORAL, Hydrate, lb.	1 35	1 50
NUTMEG, lb.	1 00	1 10	Colchicum	1 00	1 20	Croton, oz.	75	80
NUX VOMICA, lb.	10	12	Coriander, lb.	10	12	CHLOROFORM, lb.	50	1 75
Powdered, lb.	22	25	Cumin, lb.	15	20	CINCHONINE, sulphate, oz.	25	30
OAKUM, lb.	12	15	Fennel, lb.	15	17	CINCHONINE, Sulph., oz.	15	20
OINTMENT, Merc., lb. $\frac{1}{2}$ and $\frac{1}{4}$	70	75	Fenugreek, powdered, lb.	7	9	COCAINE, Mur., oz.	8 00	8 50
Citrine, lb.	45	50	Flax, cleaned, lb.	33	4	COPPER, Sulph. (Blue Vitrol) lb.	7	8
PARALDEHYDE, oz.	15	18	Ground, lb.	4	5	Iodide, oz.	65	70
PEPPER, black, lb.	22	25	Hemp, lb.	5	6	COPPERAS, lb.	1	3
Powdered, lb.	25	30	Mustard, white, lb.	9	12	ETHER, Acetic, lb.	75	80
PIREN, black, lb.	3	4	Powdered, lb.	15	20	Sulphuric, lb.	35	40
Bergundy, true, lb.	10	12	Pumpkin	25	30	EXALGINE, oz.	1 00	1 10
PLASTER, Calcined, bbl. cash	2 25	3 25	Quince, lb.	40	50	HYOSEAMINE, Sulp., crystals, gr.	25	30
Adhesive, yd.	12	13	Rape, lb.	8	9	IODINE, Reublimed, lb.	5 00	5 50
Belladonna, lb.	65	70	Strophanthus, oz.	50	55	IODIFORM, lb.	6 00	7 00
Gallium Comp., lb.	80	85	Worm, lb.	22	25	IODOL, oz.	1 30	1 40
Lead, lb.	25	30	SEIDLITZ MIXTURE, lb.	25	30	IRON, by Hydrogen	1 00	1 10
POPPY HEADS, per 100	85	90	SOAP, Castile, Mottled, pure, lb.	10	12	Carbonate, Precip., lb.	15	16
ROSIN, Common, lb.	23	3	White, Cont's, lb.	15	16	Saecl., lb.	35	40
White, lb.	31	4	Powdered, lb.	25	35	Chloride, lb.	45	55
RESORCIN, White, oz.	25	30	Green (Sapo Viridis), lb.	12	25	Sol., lb.	13	16
ROCHELLE SALT, lb.	30	32	SERENACE, lb.	55	60	Citrate, U. S. P., lb.	90	1 00
ROOT, Aconite, lb.	22	25	TURPENTINE, Chian, oz.	75	80	And Ammon., lb.	75	80
Althea, cut, lb.	30	35	Venice, lb.	10	12	And Quinine, lb.	1 50	3 00
Belladonna, lb.	25	30	Wax, White, lb.	50	75	Quin. and Stry., oz.	35	40
Blood, lb.	15	16	Yellow	40	45	And Strychnine, oz.	13	15
Bitter, lb.	27	30	WOOD, Guaiac, rasped	5	6	Dialyzed, Solution, lb.	50	55
Blackberry, lb.	15	18	Quassia chips, lb.	10	12	Ferrocyanide, lb.	55	60
Burdock, crushed, lb.	18	20	Red Saunders, ground, lb.	5	6	Hypophosphites, oz.	20	25
Calamus, sliced, white, lb.	20	25	Santal, ground, lb.	5	6	Iodide, oz.	40	45
Canada Snake, lb.	30	35				Syrup, lb.	45	50
Cohosh, black, lb.	15	20				Lactate, oz.	5	6
Colchicum, lb.	40	45				Pernitrate, solution, lb.	15	16
Columbo, lb.	20	22				Phosphate scales, lb.	75	80
Powdered, lb.	25	30				Sulphate, pure, lb.	7	9
Coltsfoot, lb.	38	40				Exsiccated, lb.	8	10
Comfrey, crushed, lb.	20	25				And Potass. Tartrate, lb.	80	85
Cureuma, powdered, lb.	13	14				And Ammon. Tartrate, lb.	85	90
Dandelion, lb.	15	18				LEAD, Acetate, white, lb.	13	15
Elecampane, lb.	15	10				Carbonate, lb.	7	8
Galingal, lb.	15	18				Iodide, oz.	35	40
Gelsemium, lb.	22	25				Red, lb.	7	9
Gentian, lb.	9	10				LIME, Chlorinated, bulk, lb.	31	4
Ground, lb.	10	12				One lbs.	0	7
Powdered, lb.	13	15				LITHIUM, Bromide, oz.	40	45
Ginger, African, lb.	11	12				Carbonate, oz.	30	35
Po., lb.	13	15				Citrate, oz.	25	30
Jamaica, blehd., lb.	22	25				Iodide, oz.	50	55
Po., lb.	28	30				Salicylate, oz.	35	40
Ginseng, lb.	4 00	4 10				MAGNESIUM, Calc., lb.	55	60
Golden Seal, lb.	90	1 00				Carbonate, lb.	18	20
Gold Thread, lb.	90	95				Citrate, gran., lb.	40	45
Hellebore, White, powd., lb.	12	15				Sulph. (Epsom salt), lb.	12	3
Indian Hemp	18	30				MANGANESE, Black Oxide, lb.	5	7
Ipecac, lb.	2 00	3 00				MENSTRUUM, oz.	25	30
Powdered, lb.	3 10	3 20				MERCURY, lb.	90	95
Jalap, lb.	55	60				Ammon (White Precip.),	1 50	1 55
Powdered, lb.	60	65				Chloride, Corrosive, lb.	1 20	1 25
Kava Kava, lb.	40	90				Calomel, lb.	1 50	1 60
Licorice, lb.	12	15				With Chalk, lb.	65	70
Powdered, lb.	13	15				Iodide, Proto, oz.	35	40
Mandrake, lb.	13	18				Bin., oz.	30	35
Masterwort, lb.	16	40				Oxide, Red, lb.	1 50	1 55
Orris, Florentine, lb.	15	20				Pill (Blue Mass), lb.	70	75
Powdered, lb.	20	22				MILK SUGAR, powdered, lb.	50	55
Pareira Brava, true, lb.	40	45				MORPHINE, Acetate, $\frac{1}{2}$ ozs., oz.	2 00	2 10
Pink, lb.	75	80				Muriate $\frac{1}{2}$ ozs., oz.	1 90	2 00
Parsley, lb.	30	35				Sulphate, $\frac{1}{2}$ ozs., oz.	1 90	2 00
Pleurisy, lb.	20	25				PEPSIN, Saccharated, oz.	35	40
Poke, lb.	15	18				PHENACETINE, oz.	1 10	1 15
Queen of the Meadow, lb.	18	20				PHENACETINE, Muriate, grain.	5	6
Rhatany, lb.	20	30				PIPERIS, oz.	1 00	1 10
Rhubarb, lb.	75	2 50				PHOSPHORUS, lb.	90	1 10
Sarsaparilla, Homd, lb.	40	45				PORASSA, Caustic, white, lb.	55	60
Cut, lb.	50	55				POTASSIUM, Acetate, lb.	35	40
Senega, lb.	55	65				Bicarbonate, lb.	15	17
Squill, lb.	13	15				Bichromate, lb.	12	13
Stillingia, lb.	22	25				Bitrat (Cream Tart.), lb.	28	30
Powdered, lb.	25	27				Bromide, lb.	45	50
						Carbonate, lb.	14	16

CHEMICALS.

Chlorate, Eng., lb.....	18	20	VERATRINE, oz.....	2 00	2 10	Lemongrass, lb.....	1 50	1 60
Powdered, lb.....	23	25	Zinc, Acetate, lb.....	70	75	Mustard, Essential, oz.....	60	65
Citrate, lb.....	75	80	Carbonate, lb.....	25	30	Neroli, oz.....	4 25	4 50
Cyanide, fused, lb.....	40	55	Chloride, granular, oz.....	13	15	Orange, lb.....	3 75	5 00
Hypophosphites, oz.....	10	12	Iodide, oz.....	60	65	Sweet, lb.....	3 25	3 50
Iodide, lb.....	3 75	4 60	Oxide, lb.....	13	60	Origanum, lb.....	65	70
Nitrate, gran., lb.....	8	10	Sulphate, lb.....	9	11	Patchouli, oz.....	1 75	1 80
Permanganate, lb.....	65	70	Valerianate, oz.....	25	30	Pennyroyal, lb.....	2 00	2 10
Prussiate, Red, lb.....	50	55	ESSENTIAL OILS.			Peppermint, lb.....	4 00	4 50
Yellow, lb.....	32	35	Oil, Almond, bitter, oz.....	75	80	Pimento, lb.....	2 60	2 75
And Sod. Tartrate, lb.....	30	35	Sweet, lb.....	50	60	Rhodium, oz.....	80	85
Sulphuret, lb.....	25	30	Amber, crude, lb.....	40	45	Rose, oz.....	6 00	7 00
PROPYLEAMINE, oz.....	35	40	Rec'd, lb.....	65	70	Rosemary, lb.....	70	75
QUININE, Sulph., bulk.....	35	40	Anise, lb.....	2 75	3 00	Rue, oz.....	25	30
Ozs., oz.....	40	45	Bay, oz.....	50	60	Sandalwood, lb.....	5 50	6 00
QUINIDINE, Sulphate, ozs., oz.....	16	20	Bergamot, lb.....	5 00	5 25	Sassafras, lb.....	65	70
SALICIN, oz.....	22	25	Cade, lb.....	90	1 00	Savin, lb.....	1 60	1 75
SANTONIN, oz.....	20	22	Cajuput, lb.....	1 80	1 90	Spearmint, lb.....	6 00	6 25
SILVER, Nitrate, cryst., oz.....	95	1 00	Capsicum, oz.....	60	65	Spruce, lb.....	65	70
Fused, oz.....	1 00	1 10	Caraway, lb.....	3 50	3 75	Tansy, lb.....	4 25	4 50
SODIUM, Acetate, lb.....	30	35	Cassia, lb.....	1 50	1 60	Thyme, white, lb.....	1 80	1 90
Bicarbonate, kgs., lb.....	2 50	2 75	Cinnamon, Ceylon, oz.....	1 50	1 60	Wintergreen, lb.....	3 00	3 50
Bromide, lb.....	63	65	Citronelle, lb.....	70	75	Wormseed, lb.....	3 50	3 75
Carbonate, lb.....	3	6	Clove, lb.....	2 25	2 40	Wormwood, lb.....	6 50	6 75
Hypophosphite, oz.....	10	12	Copaiba, lb.....	1 60	1 75	FIXED OILS.		
Hyposulphite, lb.....	3	6	Croton, lb.....	1 50	1 75	CASTOR, lb.....	13	14
Iodide, oz.....	40	45	Cubeb, lb.....	20 00	22 00	COD LIVER, N. E., gal.....	1 00	1 50
Salicylate, oz.....	15	17	Cumin, lb.....	5 50	6 00	Norwegian, gal.....	1 25	1 50
Sulphate, lb.....	2	3	Erigeron, oz.....	20	25	COTTONSEED, gal.....	1 10	1 20
Sulphite, lb.....	10	12	Eucalyptus, lb.....	2 00	2 10	LARD, gal.....	90	1 00
SPIRIT NITRE, lb.....	30	55	Fennel, lb.....	1 60	1 75	LISSEED, boiled, gal.....	75	78
STRONTIUM, Nitrate, lb.....	18	20	Geranium, oz.....	1 75	1 80	Raw, gal.....	73	75
STRYCHNINE, crystals, oz.....	1 10	1 20	Rose, lb.....	3 20	3 50	NEATSFOOT, gal.....	1 25	1 30
SULFONAL, oz.....	60	70	Juniper berries (English), lb.....	4 50	5 00	OLIVE, gal.....	1 35	1 40
SULPHUR, Flowers of, lb.....	21	4	Wood, lb.....	70	75	Salad, gal.....	2 25	2 40
Pure precipitated, lb.....	13	20	Lavender, Chris. Fleur, lb.....	3 00	3 50	PALM, lb.....	12	13
TARTAR EMETIC, lb.....	50	55	Garden, lb.....	1 50	1 75	SPERM, gal.....	1 60	1 75
THYMOL, (Thymic acid), oz.....	60	65	Lemon, lb.....	2 00	2 25	TERPESTINE, gal.....	70	75

The Standard Brands.
MILLIONS OF EACH BRAND
Sold Annually.

“Cable” “El Padre” “Mungo” and “Madre e’Hijo” } S. DAVIS & SONS,
MONTREAL P. Q.

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ARE THE BEST.

D. RITCHIE & CO.,

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SUPERIOR TO ALL

Old Fashioned Poroused Plasters.

Again we call your attention to the “D & L” MENTHOL PLASTERS, the most attractive plaster in the market, and the only one that is put up, a single plaster in an air-tight tin box. We now say we have a plaster that is sure to keep and give satisfaction every time. Do you handle them? They pay you a good profit, and as they are thoroughly advertised, we think it will pay you to carry them in stock.

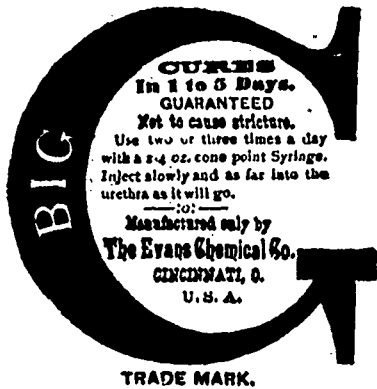
PRICES :— { Per dozen, with rack, - - - - - \$ 1.75
Per gross, with racks, - - - - - 21.00 less 10 per cent.
Per gross, without racks, - - - - - 20.00 “ “

It Will Pay You to push the “D & L” MENTHOL PLASTERS in yard rolls among the PHYSICIANS. Call every-ones attention to it. If they prescribe it, you create a demand for the large roll, and your trade is increased by the patient becoming familiar with our Plaster. WARRANTED TO GIVE SATISFACTION.

Prepared by

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Manufacturing Chemists, MONTREAL, CAN.



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OUTSELLS ALL SIMILAR PREPARATIONS COMBINED.

The most effective and at the same time an absolutely
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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.

WM. J. DYAS,
Chemist & Druggist

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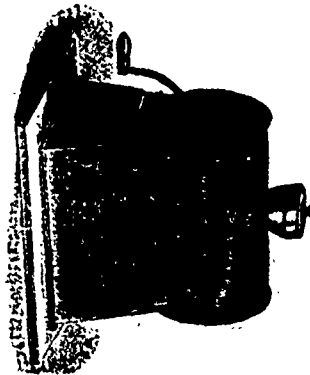
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