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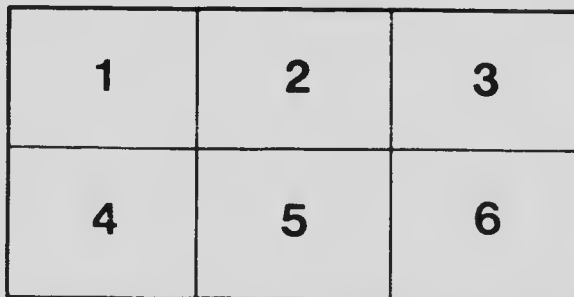
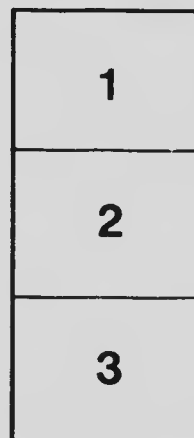
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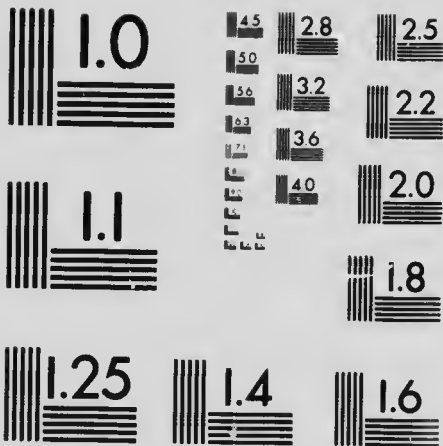
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# MUSEUM CATALOGUE

British  
Medical Association

1906

# TORONTO MEETING

# CITY DAIRY

Spadina Crescent, Toronto.



We extend a cordial invitation to the Medical Profession to visit and inspect our Dairy any day except Sunday and any hour between 9 a.m. and 5 p.m.

Our building is on Spadina Crescent, two squares directly west of the Toronto University.

**City Dairy Co.,**  
Limited

**British Medical Association**

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(Seventy-Fourth Annual) Museum

**Catalogue of Exhibits**

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**Seventy-Fourth Annual Meeting**

TORONTO, CANADA

1906

WILLIAM BRIGGS, PUBLISHER,  
TORONTO.





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Foods, Drugs, Mineral Water, Surgical Appliances, etc., etc.	- - - -	1 to 102
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The Museum is in the main building of the University of Toronto, Queen's Park. The exhibits will be found in the east and west halls (first floor up) and also in the east wing, and members of the Association will find much of interest there. A plan of the exhibit halls will be found in this catalogue. Each space on the plan is numbered corresponding exactly with the numbers appearing on each stall in the different halls. The members of the profession are invited to visit the exhibits, consisting, as they do, of scientific pharmaceutical products, surgical instruments and appliances, antiseptic dressings, hospital furniture, foods, physicians' office furniture, mineral waters, medical books, sanitary appliances, etc., etc.

# Exhibit Committee

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Chairman - - - DR. A. JUKES JOHNSON  
Secretary - - - - - DR. W. A. YOUNG  
Assistant Secretary - - - DR. T. D. ARCHIBALD

DR. JAMES SPENCE      DR. R. B. ORR  
" JOHN CAVEN      " C. E. STACEY  
" JOHN HUNTER      " B. Z. MILNER  
" T. F. McMAHON      " T. H. STARK

DR. A. J. HARRINGTON

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# British Medical Association

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TORONTO MEETING, 1906

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## Annual Museum

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### SPACE 1.

GLOBE MANUFACTURING CO., BATTLE  
CREEK, MICH., U.S.A.

Globe Nebulizers. Demonstration at August Exhibit, Toronto.

Globe Multinebulizer Outfits, Compressed Air Vibrators, Electric Air Pumps.

Non-surgical treatment of otitis media, catarrhal deafness, nasal and sinusoidal catarrh, pharyngitis, laryngitis, bronchial and pulmonary affections, coughs, sore throat, etc.

Special construction for inflation of middle ear and lungs, with vibration and manipulation of sub-mucous tissues, and medication at same time. The only nebulizers equipped for results in this direction.

Air Vibrators. Positive working, convenient, adjustable to light and heavy strokes, slow and rapid vibrations. Finest on the market.

Electric Air Pumps. Compound cylinders, ball bearings, gravity valves, air filter, self oiling, automatically controlled, compact, noiseless,

most powerful and perfect pump of its kind before the profession.

Do not fail to call at our exhibit. We demonstrate :  
Globe Multinebulizer Outfits.

Globe Adjustable Compressed Air Vibrators.

Globe Automatically Controlled Electric Air Pumps.

Globe Hand Power Pumps.

Globe Compressed Air Outfits.

Globe Hand Nebulizers.

Globe Nasal Sprays.

We invite comparison and thorough investigation.

We believe we can convince you we have the very finest and best line for the non-surgical treatment of affections of ear, nose, throat and lungs. Internal Vapor Vibration. Mechanical Vibratory Stimulation of nerve centres for general body vibration.

Fullest information, with literature, free.

#### SPACE 2.

H. & T. KIRBY & CO., LTD., LONDON, ENG.

Purgen. The New Ideal Purgative. The mildest aperient known. Purgen is not absorbed, is non-irritating, and should be used in pregnancy and the puerperal state; also in diseased or irritable kidneys. In Tablets of three strengths, known as Infant Purgen, Adult Purgen, and Strong Purgen.

Glycecols. Soft Glycerine Lozenges, introduced by us in 1874, containing half their weight of glycerine. Various formulæ, including Compound Heroin, gr. 1-16; Codeine, gr.  $\frac{1}{8}$ ; Cubebs, gr.  $\frac{1}{2}$ ;

Tinct. Senaga, m. 10 ; Chloride of Ammonium, gr. 2 ; etc.

Tablets of Compressed Drugs. Various plain and sugar-coated ; Erythrol Nitrate, gr.  $\frac{1}{2}$  ; Ergotin, gr. 2 ; Guaiacol Carbonate, gr. 5 ; Ichthyol, gr.  $2\frac{1}{2}$  ; Iron Pill with Arsenic, gr. 1-50 ; Citrate of Lithia Efferves., gr. 5 ; Liq. Arsenicalis, m. 5 ; Nitroglycerine, B.P. ; Sodium Nitrite, gr. 2 ; Sulphate of Quinine, gr. 2 ; Strychnia Nitrate, gr. 1-60 ; Thyroid Gland, gr. 5 ; Tinct. Strophanthus, m. 5 ; Uranium Nitrate, gr. 3. Corrosive Sublimate, 1 in 1,000, etc.

Glycerine Suppositories B. P. In three sizes, containing 70 per cent. glycerine. These Suppositories are as bright and white as crystal.

Medicated Pessaries. Various, including Ichthyol 10 per cent.

Medicated Bougies.

Sal Mineralis. An Alkaline Aperient Salt, composed of the Sulphates of Soda, Magnesia, and Potash, etc. An efficient and convenient substitute for Carlsbad, Vichy, Friedrichshall, and other foreign mineral waters.

Pills. Pearl, Gelatine and Sugar-Coated, Round and Oval. Various kinds, including P'i. Phosphori Co. No. 9, made from the original formula of Dr. E. A. Kirby, introduced by him in 1870.

Antiseptic Preparations.—

Kirby's Thymol Toilet Powder. A fragrant antiseptic Dusting Powder for the nursery and for general use.

Kirby's Eucalyptusine. A pleasant Perfume, containing a large percentage of Eucalyptol.

Kirby's Eucalyptol Soap. Strongly impregnated with Eucalyptol.

Kirby's Pocket Pharmacopoeia of Selected Remedies. A very compact little book of nearly 200 pages, containing numerous formulae of Pills, Compressed Tablets, Glycecols, etc.; also an index of diseases and remedies. To be obtained gratis on application to our representative.

### SPACE 3.

#### ROBINSON'S PATENT BARLEY.

Doctors and nurses recommend Robinson's Patent Barley, which is being exhibited in the Toronto University Building on the occasion of the 7th Annual Meeting of the British Medical Association, by J. & J. Colman, Limited, with which is incorporated Keen, Robinson & Co., Limited, 108 Cannon St., E.C., London, England.

Read the following opinions of doctors, medical papers, etc.:

The Senior Physician to the Hospital for Sick Children, in "Artificial Feeding of Infants," pages 50 and 58: "Milk diluted with Barley Water is found to agree better than when pure water is used. Barley Water appears to act by mechanically separating the caseine, so that it coagulates on addition of acid in minuter flocculi than those of boiled milk even. Barley Water has, moreover, the advantage of adding something to the nutriment in its mucilaginous property." "The milk may be made more digestible still by mixing it with Barley Water."

Dr. Pye H. Chavasse, in his "Advice to a Mother,"



says, in answer to question 44 : " The best artificial food, in my opinion, is cows' milk and Robinson's Patent Barley."

Charles Butler, Esq., Member of the Royal College of Surgeons, in his work, " The Feeding of Infants," page 46, writes : " Another expedient to render cows' milk more easy of digestion is to mix it with Barley Water ; the latter also possesses a nutritive value of its own. The value of Barley Water cannot be too much extolled."

" The Hygiene and Dietetics of Infancy," by R. J. Blackam, Esq., M.D. (U.S.), L.R.C.P. (E.), etc. : " The reason for adding Barley Water to milk is that cows' milk curdles in large pieces, whereas human milk curdles in fine threads ; the addition of the Barley Water makes the mixture curdle similar to human milk."

" Childhood," February, 1895 : " Whilst children under seven months cannot digest starchy foods, they often do well upon Barley Water mixed with the milk. Robinson's Patent Barley contains nitrogenous and glutinous material."

Miss Florence Stackpool, Diplômée of the London Obstetrical Society, February 4th, 1895, writes :

" I boiled a teaspoonful of vinegar in a cup of milk, which, of course, formed a hard clot ; then I boiled vinegar with equal parts of milk and Barley Water, and no boiling would cause it to clot. It demonstrates very forcibly a valuable principle in infant feeding."

Canadian Representatives : Frank Magor & Co.,  
493 St. Paul St., Montreal.

## SPACE 5.

LIBRARY BUREAU OF CANADA, LIMITED,  
CARD AND FILING SYSTEM EXPERTS,  
TORONTO, MONTREAL, OTTAWA,  
WINNIPEG.

Our system of vertical filing will lay before you all papers pertaining to a patient; *i.e.*, history, temperature chart, etc., in ten seconds. Or—just as quickly—any collection of letters to or from a given correspondent, in one bunch in order written. Or—just as quickly—any catalogue, invoices or other papers.

## SPACES 6 and 7.

CLARK & ROBERTS CO., 315 HOLTON PLACE,  
INDIANAPOLIS, IND.

Clark & Roberts Co., manufacturers of Surgical Furniture, are making an exhibit of furniture for Physicians and Hospitals. This firm makes a specialty of fine Surgical Furniture and are showing some extra nice articles in this line. They are showing a number of handsome pieces, but owing to the limited space cannot show their complete line.

Their specialist's cabinet and chair are especially attractive and handsome. The chair is one of the most unique things of the kind that has recently been placed upon the market. It affords the doctor a complete patient's chair at a small cost. The chair is made entirely of metal, the seat, pedals and head-rest being nickel-plated and the balance white enamel. This chair has a

number of different positions and movements necessary in this line.

They are also showing their office table, for general office use, which is one of the most complete things of the kind made. It is very handsomely gotten up, and has all of the different positions and movements, and some new and valuable features not found in any other table.

Their Instrument Cabinets for general office use are made entirely of metal and glass and are thoroughly aseptic. These goods are finished in white enamel or grained enamel finish if desired. The glass used in the cabinets is all polished plate. They have a variety of sizes in these goods and the designs are most handsome.

They furnish a handsome illustrated catalogue upon application. This catalogue shows quite a variety of styles and sizes of the different articles required by physicians and hospitals.

The headquarters of this firm is at Indianapolis, Ind., U.S.A., with branches at 127 E. 23rd St., New York, N.Y., and 1321 Arch St., Philadelphia, Pa.

#### SPACES 9 and 10

#### PARKE, DAVIS & CO.

A highly scientific demonstration of the progress of pharmacy during the past decade is made by Parke, Davis & Co., at stands Nos. 9 and 10, to the left as you enter the University Building.

The exhibit includes a series of charts showing the physiologic effects of various drugs upon the heart, circulation, respiration, etc. The difficulty

of assaying certain important drugs chemically, induced this firm to undertake their standardization by animal tests, which have proved eminently satisfactory. Extracts of Digitalis, Aconite, Strophanthus, Convallaria Majalis, Ergot, Cannabis Indica, etc., are physiologically standardized.

Specimens of Ergone, Digitalone and Veratrone may be seen. These are aseptic, non-alcoholic, and physiologically standardized preparations, for either internal or hypodermic use.

This interesting display also contains the following products: Adrenalin Chloride, and Adrenalin Chloride Solution. The active principle of the suprarenal gland, the most powerful vaso-motor stimulant and hemostatic known.

Taka-Diastase, which converts 150 times its weight of starch into sugars in a few moments, and is of great value in amylaceous dyspepsia.

Acetozone, Benzoyl-Acetyl-Peroxide ( $C_6H_5CO.O.COCH_3$ ). A powerful bactericide that may be used internally without ill-effect. Very generally employed in the treatment of Typhoid Fever and infectious processes involving the intestinal canal.

Biological Products: Antidiphtheric Serum, Antitetanic Serum, Antitetanic Dusting Powder, Antistreptococcal Serum.

Typhoid Agglutometer, for diagnosing Typhoid without a microscope.

Thyreoidectin. The dried blood-serum of sheep and goats from which the thyroid gland has been removed. Used in the treatment of exophthalmic goitre.

Also the following new chemical compounds :

**Chloretone** (C<sub>4</sub> H<sub>7</sub> O Cl<sub>3</sub>). Anodyne, hypnotic and antiseptic.

**Brometone** (C<sub>4</sub> H<sub>7</sub> O Br<sub>3</sub>). Sedative, substitute for bromides in general.

**Iodalbin**. Contains 21½ per cent. of Iodine in organic combination with Albumen, used to replace Potassium and other iodides, having none of the objectionable features of these inorganic salts.

**Formidine** (C<sub>15</sub> H<sub>10</sub> O<sub>6</sub> I<sub>2</sub>). A condensation product of Iodine, Formic Aldehyde and Salicylic Acid. Internal and external antiseptic, and substitute for Iodoform.

#### SPACE 12.

#### LOUIS RITZ & CO., HAMBURG, GERMANY.

**Phytin**. Patented in all civilized countries. Name legally protected. An absolutely non-poisonous phosphorus preparation produced from plant seeds. Contains 22.8 per cent. of organically combined phosphorus in a completely assimilable, non-poisonous form. Phytin increases the assimilation in a high degree and is therefore a natural, strength-giving product. Increases the appetite, builds new blood, increases the weight. (See the reports of Prof. Gilbert and Dr. Uppmann, Dr. Loewenheim, Dr. Wechsler, Prof. Giacosa, Dr. Brinda, Prof. Renon, Dr. Gianasso, Dr. Ovazza, Dr. Winterberg, Prof. Maestro, Dr. Schroeder, etc., etc.) The treatment with Phytin is that of Phosphorus Therapy, Neurasthenia, Psychastenia, Nervous Sleeplessness, Chlorosis and other Anaemias, disturbances

during pregnancy and nursing, Osteomalacia, Reconvaiescence of every kind in adults and children, rickets, scrofula, improper development of children, etc. Dose: For adults, 1 gr. per diem. For children, from 2 to 6 years, 0.25 to 0.5 gr.; from 6 to 10 years, 0.5 to 1.0 gr. per diem. Rp. 1 original box of Phytin.

Fortossan. For babes and children under two years we prepare a neutral, soluble Phytin milk-sugar preparation under the name of Fortossan, in tablets of 2.5 gr. Fortossan increases the appetite in a high degree, improves the nutrition of the child and helps it to a healthy growth. Indications: Artificial nourishment, slow growth, improper development, rickets, scrofula, convalescence of every kind. Dose: 1-4 tablets per diem. Rp. 1 original box of Fortossan.

Quinine-Phytin. (Anhydro-oxmethylen-diphosphoric acid Chinin) contains 57 per cent. Chinin base and represents, according to its contents of Alkaloid, 0.75 gr. quinine hydrochloric, or 0.70 gr. Chinin sulph. It combines the considerable therapeutical properties of Phytin and quinine. It is a yellowish preparation of crystallized appearance, easily soluble in water. It is prescribed in all cases where formerly quinine salts were ordered, in cases of Malaria and specially malaria-cachexie 1.2 gr. per day; for Puerperal Fever and Typhus Abdominalis, 1 to 1.5 gr. per day. Of special value for Neuralgia, 1 gr. per day, and for Whooping-Cough; for children under 5 years, 0.1 to 0.3 gr. per day; from 5 to 10 years, 0.3 to 0.6 gr. in tablets of 0.1 gr. Never to be applied sub-cutan. Rp. 1 original glass Chinin-Phytin tablets.

Salen. Patent applied for. A new Salicylic Acid

Ester for the local treatment of Rheumatism. Odorless and perfectly non-irritating, on account of which it can be applied to the same spot continually without the necessity of changing. Rp. Salen, Spiritus aa 10.0 S. outward, Rp. Salen pur. 15.0 S., to be applied with a brush. Rp. Salen 10.0 Chlorotorm 01. olivar. aa. 5.0 S. outward. Literature and samples supplied gratis and post free.

Isarol. Acknowledged as the best substitute for Ichthyol. In regard to its chemical and therapeutical worth, fully equal to Ichthyol. but considerably cheaper.

Creosote-Carbonate. "Ciba" brand. the only colorless, almost tasteless and odorless preparation.

Guajakol-Carbonate. "Ciba" brand, a pure white product, completely tasteless and odorless.

Kal. Sulfogujacolicum (pure white crystallized preparation, fully answering to Thiocol).

Phenolphtalein pur. Ph. G. IV.

T. D. Webb, New York, 132 West 27th Street, sole agents for U.S.A. Elliot & Co., Toronto, Can., sole agents for Canada.

#### SPACE 14.

MELLIN'S FOOD CO., BOSTON, MASS., U. S. A.  
Mellin's Food for Infants and Invalids.

Mellin's Food is a dry, soluble, cereal extract made from Barley Malt and Wheat, and contains all the nutritious elements of the grains in a highly concentrated form. It is a completely malted food, the carbohydrates being in the soluble

forms of maltose and dextrins. It is entirely free from starch and cane sugar.

Mellin's Food is a preparation for the modification of fresh cow's milk, so as to render it suitable for the diet of the infant when an artificial substitute for human milk is required.

Fresh cow's milk prepared with Mellin's Food contains the carbohydrates, fat, nitrogenous matters and salts in the proper proportions essential for the nourishment and healthy growth of the child, and so closely approximates physiologically to woman's milk as to be easily digestible and assimilable; it is readily disposed of by the infant's stomach, is very completely absorbed in the intestine, and is a fluid of high nutritive value, meeting the demands of the physiological peculiarities at each period of infancy, and is therefore eminently adapted for the requirements of the growing infant.

SPACE 15.

C. J. HEWLETT & SON, 35 TO 42 CHARLOTTE STREET, LONDON, E.C., ENGLAND.

Wholesale and Export Druggists, Manufacturing Chemists, Surgical Instrument Makers, Etc. Contractors to H. M. Government. Established 1832.

Mis Pepsinae Co. Cum Bismutho (Hewlett's). This preparation was introduced by Messrs. C. J. Hewlett & Son to the medical profession in 1880 and has enjoyed for upwards of a quarter of a century a very high reputation in the treatment of diseases of the stomach, dyspepsia, gastro-



dynia and pyrosis. The "Medical Review," August, 1905, said: "Messrs. Hewlett's preparation of Bismuth and Pepsin is of standard excellence. It contains Pepsin, Bismuth, Solution of Purified Opium, Hydrocyanic Acid, and the Tincture of Nux Vomica. In each drachm there are 2 minims of the Pharmacopoeial Hydrocyanic Acid and  $3\frac{1}{2}$  minims of the Solution of Opium. The combination is a particularly good one for the treatment of diseases of the stomach which require a sedative. Messrs. Hewlett's mixture is pleasant to take; it is miscible with water in all proportions, and it will keep indefinitely in a cool place, as we can testify after many years' experience of it." And this opinion is supported by the "Lancet," "British Medical Journal," "Practitioner," and hundreds of medical men, both at home and abroad.

Liquor Santal Flav. Cum Buchu Et Cubeba (Hewlett's). Has enjoyed a popularity of over 25 years as the leading remedy for those special cases where these drugs are indicated. It is a safe and valuable remedy, more effective than preparations of Copaiba, whilst it is miscible with water and has a taste by no means disagreeable.

As there are numerous imitations of all successful proprietary preparations which, whilst closely copying the title, are quite different in their composition, and only lead to disappointment and failure, the medical profession is earnestly requested to note that the Canadian agents for these preparations are Messrs. Lyman Bros. & Co., of Toronto.

## SPACE 16.

J. B. LIPPINCOTT COMPANY, PUBLISHERS,  
OF LONDON, MONTREAL AND  
PHILADELPHIA.

This firm, which has been established in London since 1872, and in Philadelphia since 1792, is to-day operating perhaps the largest and the most completely equipped book publishing plant in America. They publish Medical, Reference, Educational, and Miscellaneous works, Fiction, and Lippincott's Magazine. Such monumental works as Lippincott's new Gazetteer, Worcester's Dictionaries, Remington's Pharmacy, and the United States Dispensatory, are published by this house, and they are the printers of the United States Pharmacopoeia.

In the J. B. Lippincott Company's exhibit is found a complete line of medical and surgical publications, many of which have long since become standard on the subjects treated. Each volume, however, will always be found in a new, up-to-date, and thoroughly revised form.

Prominent on the shelves of their display are such familiar titles as "Wood's Therapeutics," a 13th edition now printing; "Rotch's Pediatrics," 5th edition printing; "White and Martin Genito-Urinary and Venereal Diseases," 7th edition on press, and "Cattell's Post-Mortem Pathology," 3rd edition printing.

One of the J. B. Lippincott Company's most widely known publications is the "International Clinics," a series of books appearing at regular intervals, four times a year, containing illustrated clinical lectures and specially pre-

pared original articles on all branches of the subject of medicine. Volume two of the 16th series of the "International Clinics" has just been published and is fully up to the high standard set by the previous issues.

Among the new important works to be found in the Lippincott's exhibit are Posey's and Spiller's "Diagnostic Relations Between the Eye and Nervous System," a valuable addition to medical literature, opening up a new field for the general practitioner and enabling him to become acquainted with symptoms hitherto almost entirely unknown and unrecognized by him; Dr. Alfred C. Cotton's "Diseases of Infancy and Childhood"; Dr. Huber's masterly work, "Consumption and Civilization," and a "Nurse's Hand Book of Medicine," by J. Norman Henry, M.D.

Other new and important books are Garrigue's "Gynecology," Spalteholz and Barker's "Atlas of Human Anatomy," Krehl's "Principles of Clinical Pathology," Lippincott's "Medical Dictionary," Paton's "Psychiatry," Norris and Oliver's great work on the "Diseases of the Eye," and "Hand Book of Nursing."

The Lippincotts announce for fall publication an addition to their New Medical Series, "Electro-Therapeutics," with chapters on "Radium and Phototherapy," by M. K. Kassabian, M.D.; "Clinical Diagnosis," by C. P. Emerson, M.D.; and "Study of Blood Vessels," by A. V. M'Gee, M.D.

The Canadian Office of the J. B. Lippincott Company is located at 268 Ontario St. E., Montreal, Canada.

## SPACE 17.

BURNHAM SOLUBLE IODINE CO.,  
AUBURNDALE, MASS.The Therapeutic Possibilities of Iodine Medication  
Greater Than Ever Before.

Preferable to the Iodides because through its solubility in the gastric fluids and tissues of the body, complete absorption is attained; smaller doses are possible and the system is not taxed with unnecessary elimination of useless and harmful drugs as in the Iodides and other compounds. Soluble Iodine (Burnham's) is given internally, on the empty stomach, or hypodermically, in the natural menstruum-water, with no unpleasant effects, far better results and lessened cost. Put up in both liquid and tablet form and obtainable through all reliable druggists. Beware of Imitations. Write for Sample and Booklet on "Treatment."

## SPACE 23.

CANADA MINERAL WATER, LTD., OTTAWA,  
CANADA.

Russell Lithia Water. The only genuine, natural, spring Lithia Water so far discovered in Canada. It has been on the market only three years and its sales to-day surpass those of any other mineral water; the reason for this is: 1st. Russell Lithia is pure and medicinal. 2nd. Russell Lithia is highly recommended by the Medical Profession wherever it has been introduced. By looking over the following analysis, our readers will easily understand why Russell Lithia leads them all:

“ Toronto, Sept. 28th, 1906. A sample of Russell Lithia water gave, on analysis, the following results: Potassium Sulphate, 3.50; Lithium Chloride, 3.40; Potassium Chloride, 444.00; Magnesium Chloride, 157.40; Sodium Chloride, 8396.60; Sodium Carbonate, 17.00; Silica, 6.20. This water ought to prove a valuable adjunct in the treatment of patients suffering from Constipation, Rheumatism, or any of the complications arising from Uric Acid diathesis. A. R. Pyne, M.B., Dominion Analyst.”

“ Montreal, August, 1902. Russell Lithia Water contains Chlorides of Sodium, Potassium, Calcium, Magnesium, and Lithium. It is a pleasing saline water with medicinal properties, acting as a mild aperient; aeration renders it still more valuable, and as a mineral water beverage it cannot be excelled. Milton L. Hersey, C.P.R., City and Provincial Analyst.”

## SPACE 24.

## EBY, BLAIN &amp; CO., LTD., TORONTO.

Norka. What It Is. Its Food and Medicinal Properties. Norka is unlike other cereal or breakfast foods, in that it is the only “Ready-to-serve”—i.e., cooked—Oat Food in the world. It has that one great advantage over all other so-called prepared foods. Like all properly prepared cereals, it is rich in muscle, brain and nerve-building elements. The process of “cooking” Norka is thoroughly scientific; and the oat itself is combined with just enough malt to give it certain tonic quality and to assist the digestive processes. It is “richer than wheat” in natural oils, nitrates and phosphates: and “better than meat” in hygienic value and

digestibility. And while a concentrated food, suitable for any meal, or to be served on the side with other foods and dishes, it is especially adapted as a nutrient for children and debilitated people.

Strong endorsements of Norka come daily to hand from every part of Canada and the United States. Dr. James H. Jackson, head of the famous Jackson Sanitarium, Dansville, N.Y., writes this flattering and sensible statement about Norka: "I want now to say to you that I commend most heartily this product. I like it very much and know it is easily digested and very valuable as a nutriment; and I commend it to everyone." Besides an analysis by an authority from the Michigan State Agricultural College shows that Norka "contain more nutritive and heat-producing qualities and less insoluble starch than any other prepared cereal food on the market.

As was said, Norka is the only cooked, really "Ready to Serve" Oat Food in the world. The combination of the meal with a consistent amount of malt renders it easily digestible and adaptable for debilitated people, or those troubled with constipation and indigestion; and children thrive on it.

SPACE 26.

BATTLE CREEK BREAKFAST FOOD CO., LTD.,  
BUFFALO, N.Y.; QUINCEY, ILL.; CANA-  
DIAN BRANCH, 43 SCOTT ST.,  
TORONTO.

Egg-O-See is the whole of the wheat, the most valuable food in nature's wonderful storehouse, in

its most palatable form, grown in Sunny California, cooked and flaked, preserved crisp and delicious in air-tight, inner-lined packages, never touched by the human hand from the reaping of the grain to the serving at the table.

Egg-O-See is all that whole wheat is and more. It has the advantage of an exquisite flavor. It is cooked for a period of two hours, then baked. Whole wheat bread is not cooked, it is baked only, hence it is not so palatable, nor is it so readily assimilated as Egg-O-See.

“ Chemical Laboratory, Washington University, St. Louis, Mo., October 7, 1905. Edward H. Keiser, Ph.D., Professor of Chemistry: At the request of Dr. Otho F. Ball, St. Louis, I have made a chemical analysis of Egg-O-See, and have obtained the following results: Moisture, 9.73; Proteids, 10.43; Fat, 2.81; Ash, 2.47; Crude Fibre, 1.31; Carbohydrate, 73.25, 100.00. I have also made an analysis of the Ash of Egg-O-See and I find it contains: Phosphoric Acid Anhydride, 29.63; Iron, Metallic, .483. For the purpose of comparing Egg-O-See with a high grade of wheat flour, I have analyzed a sample of Grade A, Patent Roller Process wheat flour, and I have obtained the following results: Moisture, 13.94; Proteids, 9.02; Fat, 1.51; Ash, 42; Carbohydrates, 75.11, 100.00. From these analyses we see the superiority of Egg-O-See in food value. It has a higher percentage of proteids, fat and ash. The ash, which is rich in phosphates and iron compounds, is very small in the Roller Process flour. The fibre in the Egg-O-See is also of great value, in that it assists the digestive process; this is almost entirely lacking in the flour. Yours very truly, (Signed) Edward H. Keiser, Professor of Chemistry.”

## SPACE 28.

WREYFORD & CO., 85 KING ST. W., TORONTO.

Dominion Agents. Wholesale and Retail.

For Aertex Cellular Underwear, Shirts, Pyjama Suits, etc. Finest Elastic Lises and Winter Weights. For Athletes, Short Sleeve Vests and Trunk Drawers. Also in United Garments, Long and Short Legs. Outing Shirts in White and Fancy Patterns.

If you cannot procure from your local hosier we will send you from Toronto, express paid.

The Best Non-Conductor of Heat is Air. The most careful and exhaustive experiments have proved that air at rest is the non-conductor of heat which renders clothing healthy, and no clothing is healthy which does not retain a large proportion of Air within its meshes. Underclothing is equally healthy of whatever fibre it may be made, provided that Air, warmed by the heat of and surrounding the body, is retained for a sufficient time within its interstices. It is well-known that a piece of new flannel is much warmer than a piece of the same flannel when flattened or shrunk and felted with washing. In other words, when the Air is expelled the non-conducting property of the flannel is lost.

This fact is well explained in the following quotations :

From Deschanel's "Natural Philosophy."—"If a garment of eider-down or fur were compressed so as to expel the greater part of the air, and to reduce the substance to a thin sheet, it would be found to be a much less warm covering than before, having become a better conductor. We



thus see that it is the presence of air which gives these substances their feeble conducting powers, and we are accordingly justified in assuming that air is a bad conductor of heat."

From Ganot's "Physics."—"The clothes we wear are not warm in themselves, they only hinder the body from losing heat, in consequence of their spongy texture and the air they contain."

From Sir Benjamin Richardson, M.D., F.R.S.—To prevent colds: "Porous clothing is the best. The body should be enveloped in light clothing that can be easily breathed through. People ought to exercise great care over this matter."

Wearers of Aertex Cellular are remarkably free from colds and chills.

Aertex Cellular never feels close. It prevents fatigue because the escape of emanations from the skin affords relief to the vital organs, including the heart, kidneys, and lungs.

The special qualities of Aertex Cellular may be briefly described as follows: 1. It is practically a supplementary skin retaining warmth and permitting free evaporation. 2. It is warm in winter and cool in summer, owing to the presence of non-conducting Air in its meshes. 3. It is easily washed and does not shrink. 4. It is light and comfortable to wear and does not irritate the most sensitive skin. 5. It is very durable.

The principles to be observed are the same in the case of Winter as well as Summer Clothing, the only point to be remembered being that in cold weather the non-conducting Air next to the skin should be retained for a longer time by wearing closer and heavier outer clothing.

Aertex Cellular is specially adapted for Underwear of all kinds for men, women, and children, for linen fitted and athletic shirts, pyjamas, night shirts, and a variety of minor garments.

**SPACES 29 and 30.**

**POSTUM CEREAL CO., LTD.**

Grape-Nuts and Postum Food Coffee will be exhibited in the form of a boat made from packages of these foods. Also, samples will be given visiting physicians, and demonstrations will be made whereby visitors may partake of these foods properly prepared.

**SPACE 32.**

**THE DENVER CHEMICAL MFG. CO., NEW YORK, U.S.A.**

Antiphlogistine, popularly known to the medical profession as Inflammation's Antidote, is a Hygroscopic, Antiseptic Cataplasm, indicated in all superficial and deep-seated inflammatory and congestive conditions. It is composed of the finest Anhydrous and Levigated Argillaceous Mineral, Chemically Pure Glycerine, Compounds of Iodine, representing a small percentage of Elementary Iodine, minute quantities of Boric and Salicylic Acids and the Oils of Peppermint, Gaultheria and Eucalyptus. Antiphlogistine is a non-irritating, non-toxic poultice and dressing, always ready for immediate use and possesses hygroscopic, exosmotic, endosmotic, nutrient and indirectly anodyne and hypnotic properties.

Antiphlogistine's prime object is to keep the blood circulating in the diseased part.

The blood, which normally circulates fully and freely through the vascular system, is the food supply of the millions of cells which make up the body structure. Inflammation means certain successional deviations or interferences with the circulation in some part or parts. In health, the functions of the vascular system are automatically controlled by the central nervous system. Three-fourths of the body composition is fluid—chemically speaking, water—and as a magnet has affinity for particles of steel, so Antiphlogistine has affinity for water. The skin may be regarded as a permeable membrane, separating two fluids of different densities, the blood and Antiphlogistine. If Antiphlogistine is applied hot under such conditions there occurs an interchange of fluids, most marked toward Antiphlogistine; hence the deduction that Antiphlogistine acts through reflex action and dialysis, the latter scientifically including the physical processes of exosmosis and endosmosis.

If Antiphlogistine is applied hot and thick for pneumonia, pleurisy, bronchitis, peritonitis, or any infection involving deep-seated structures, it maintains a uniform degree of heat for twenty-four hours or more; it stimulates the cutaneous reflexes, causing a contraction of the deep-seated and coincidentally a dilation of the superficial blood vessels; at the same time it attracts or draws the blood to the surface—flushes the superficial capillaries—bleeds but saves the blood. Thus the aggravating symptoms will be almost always immediately ameliorated; congestion and pain are relieved; the temperature declines; blood pressure on the overworked heart is reduced; the muscular and nervous systems are relaxed and refreshing sleep is invited.

It is no longer proper to treat with the old-fashioned bacteria-breeding flaxseed and other septic poultices, boils, felons, sprains, chronic ulcers, inflamed glands, periostitis and other types of inflammation involving comparatively superficial tissues. Antiphlogistine is a soothing antiseptic, well adapted to sensitive and abraded surfaces. It draws out or absorbs the liquid exudate from the swollen and sensitive tissues, the result being that the blood is permitted to circulate freely through the affected area and nourish the injured cells. Through reflex action and endosmosis a stimulating, alterative, tonic and soothing influence is imparted to the affected cells, lymphatics and other tissues.

Antiphlogistine should always be applied at least  $\frac{1}{8}$ -inch thick and as hot as the patient can bear comfortably, covered with a plentiful supply of absorbent cotton or cotton wool and a bandage.

The dressing can be renewed when it peels off easily, usually in about 24 hours.

Antiphlogistine should be heated by placing the container in a kettle of very hot water, care being taken to allow no water to get into the can. When as hot as can be borne comfortably, it should be spread over the affected area and covered as heretofore described.

SPACE 35.

RIGAUD & CHAPOTEAUT, MANUFACTURING  
PHARMACEUTICAL CHEMISTS, 8 RUE  
VIVIENNE, PARIS, FRANCE.

E. Fougera & Co., Beekman St., New York, N.Y.

Apioline (Chapoteaut). The active principle of Parsley, in Amenorrhoea and Dysmenorrhoea.

- Cerevisine (*Saccharomyces Cerevisine*). Pure Desiccated Yeast Cells, in Furunculosis and skin diseases.
- Cypridol (a 1 per cent. solution of mercuric iodide in oil). Capsules and Hypodermic Injections. In Syphilis, well tolerated and does not salivate.
- Ether Valerianic (Vial). In spherical capsules. Anti-spasmodic.
- Ferrum Sanguinis (Chapoteaut). A non-constipating chalybeate from blood (Hemoglobin).
- Glycogen. In Capsules and Hypodermic Injections. An antitoxine and stimulant of the phagocytes in infectious diseases.
- Morrhuel Creosote. Pure Creosote with Morrhuel. In spherical capsules.
- Morrhuel (Chapoteaut). (Ext. Olei Morrhuae Alcoholicum). The active principle of Cod Liver Oil.
- Phospho-Glycerate of Lime (Chapoteaut). The pure salt, capsules, wine syrup and injections.
- Vin de Chapoteaut (Wine of Peptone). A typical nutritive stimulant.
- Syrup of the Polyformates (Vial). Muscular tonic.

SPACES 37, 38, and 39.

FAIRCHILD BROS. & FOSTER, NEW YORK.

Fairchild Bros. & Foster respectfully invite attention to their exhibit, where they will have pleasure in showing to the members of the British Medical Association their standard preparations—Panopepton, Essence of Pepsine, Peptogenic Milk Powder and Peptonising Tubes, as well as their preparations of the Pancreas

Gland, for Hypodermic, Internal and External Use. Of the latter we would mention the following:

*Injectio Trypsini* (Hypodermic). In sealed ampoules. Prepared directly from the fresh pancreas gland especially for hypodermic use, containing the trypsin in its normal association with the other soluble enzymes and constituents of the pancreas secretions.

*Injectio Amylopsini* (Hypodermic). In sealed ampoules. Prepared from the pancreas gland especially for hypodermic use. *Injectio Amylopsini* contains the highly active amylolytic enzyme in solution with the internal secretion, and absolutely devoid of the proteolytic and fat-splitting ferments, thus presenting for the first time in medicine a means of utilising in an isolated form and for hypodermic use the principles concerned in the metabolism of carbohydrates.

*Lotio Pancreatis* (A Trypsin Surgical Solvent). An extract of the pancreas of great trypsin strength, containing likewise all the soluble gland constituents in an active form, designed for topical application to cancers.

*Holadin* (In capsules only). A pancreas gland extract of peculiar potency in respect to trypsin, amylopsin and lipase, exceeding in starch converting power any other product of animal or vegetable origin. It is rich in the important cell-constituents, lecithin and nuclein, which peculiarly abound in the pancreas. *Holadin* is to be preferred in all cases where it is desired to fully compensate for faulty pancreatic functioning by internal medication; the pancreatic "liquors" contain no lipase (fat-splitting en-

zyme) and gradually deteriorate in enzymic power.

**Internal Secretion (Hypodermic).** A sterile pancreas solution containing the soluble constituents of the fresh gland free from enzymes; in sealed glass tubes for hypodermic use.

**Trypsalin (Surgical Solvent).** In powder form for external use only, particularly useful in the treatment of the nose and throat.

'Pepule' Pancro-Hepatic. Pancreatic Extract with Ox Gall.

'Pepule' Ox Gall Compound. Ox Gall, Ext. Pancreatis and Ext. Nux Vomica.

'Pepule' Pancreatic. Ext. Pancreatis 3 grs.

'Pepule' Pancreatic Compound. Ext. Pancreatis, Bismuth Subnit. and Powd. Ipecac.

SPACES 47, 48 and 49.

**E. B. MEYROWITZ, NEW YORK.**

Instruments and Apparatus Employed in the Diagnosis, Treatment and Surgery of Diseases of the Eye, Ear, Nose and Throat made up the exhibit of this firm.

In addition to a full line of high-grade Standard Ophthalmological Apparatus, including Test Cases, Trial Frames, Test Types, Retinoscopes, Ophthalmoscopes, etc., etc., a great deal of space was devoted to recent inventions and special models of which this firm is the sole manufacturer.

The newest model of the Meyrowitz Javal Ophthalmometer occupied the place of honor. The firm

of Meyrowitz was the first to take up the manufacture of this instrument in America, and has been closely identified with its rapid development. As now made, all manipulation of the instrument is reduced to mathematical nicety by mechanical adjustments.

Apparatus for testing Muscular Insufficiencies and for Orthoptic Treatment were prominently displayed and included the Worth-Black Amblyoscope, Derby Stereoscope, Savages' Monocular Phorometer and Cyclophorometer, and the well-known instruments of Stevens, of New York, of which this firm is the sole manufacturer, viz., the Phorometer, the Tropometer, and the Clinoscope.

Among the interesting items were the Transilluminator of Sachs (Vienna), by means of which the interior of the eye may be transilluminated through the sclera, leaving the pupil free for observation. The function of this instrument is locating and defining intra-ocular tumors and for illuminating the anterior portion of the eye, not within reach of the light from the Ophthalmoscope; Dr. Berger's Binocular Loupe, an arrangement of decentred spherical lenses in a hood for securing a greatly magnified binocular field; the Self-Luminous Retinoscope and Ophthalmoscope, which are absolutely independent of any outside source of illumination, and appeals therefore not only to the oculist, but to the neurologist and general practitioner as well.

Of eye operating instruments everything required in a complete armamentarium was shown, from a cataract knife to a post-operative treatment case. An ingenious device is the Skeel Eye



Speculum, which is used like an ordinary speculum, but may be instantaneously released in case of emergency by a slight pressure on the cross bars.

Several styles of the "Otophone," well-known as the aid to hearing that is held against the ear, and not inserted, were exhibited in connection with the ear instruments. This device is made of highly polished hard rubber and terminates in a diaphragm, which is held against the ear.

Mastoid Forceps, Curettes, Retractors, etc., formed a large and important division in the ear section, many of the instruments being new models by American and European specialists. The exhibit was very complete in Aural Massage Apparatus—every type of instrument being shown, from the pump of Delstanche to the complete electric masseur of Jackson.

As was to be expected, the most important part of the section of nasal instruments was taken by the many new and special instruments designed for use in the sub-mucous operation on the nasal septum. Among these instruments were models by Freer, Killian, Ballenger, White and Hajek.

An imposing array of mouth and throat instruments embraced some new ideas in instrument design. There were a self-retaining nasal speculum, several ingenious Laryngeal Cutting Forceps after models by Killian of Freiburg and Chiari of Vienna, a Universal Cutting Laryngeal Knife and modifications of Killian's Bronchoscopic instruments.

A line of high-grade Illuminating Fixtures and Apparatus and Office Furniture of exclusive design were shown, together with all the appurtenances

in the way of Special Lamps, Reflectors, Condensers, Switches, etc.

Mr. Meyrowitz has branch stores in St. Paul and Minneapolis, and in Paris, France.

SPACES 50, 51, 52 and 53.

THE OAKLAND CHEMICAL CO., 464 WEST BROADWAY, NEW YORK.

W. Lloyd Wood, Toronto, General Agent for Canada.

Dioxogen. Formerly known as Oakland Hydrogen Dioxid, is made in strict accordance with U. S. P. requirements, and is absolutely harmless for internal or external use. It is guaranteed pure.

THE ALLEN & HANBURYS CO., LTD., NIAGARA FALLS, N.Y. TORONTO, CAN.  
ESTABLISHED, LONDON, ENG., 1715.

W. Lloyd Wood, Manufacturing Chemist and Manufacturers' Agent, Gerrard and Church Sts., Toronto, Canada.

The "Allenburys" Infant Foods. A series of three "Foods" suited to the needs of the child at different ages, from birth up to the time when a mixed diet may be deemed advisable.

The "Allenburys" Diet. An ideal food for Dyspeptics, Invalids and the Aged. This is a complete and partially predigested Milk and Cereal Food, very palatable, and may be prepared for use in a minute, as it only requires the addition of boiling water.

The "Allenburys" Liquid Beef. Is an ideal food for the invalid or convalescent. It contains the soluble albuminoids and extractives of lean

beef, in an easy assimilable form. It is much superior in nutritive value to the strongest beef tea and is especially serviceable in most cases of illness. It may be taken freely, mixed with either water or milk, and it can be used to excellent advantage for fortifying soups, gravies, etc.

The "Allenburys" Castor Oil. Through care in manufacture and improved facilities we are able to produce Castor Oil which is entirely free from odor and nauseous taste, yet of full and unaltered activity. This is a safe and certain aperient both for mothers and children.

The "Allenburys" Cod Liver Oil. Prepared at our own factories in Norway, from absolutely fresh cod livers only, by improved methods. It is perfectly pure and free from the noxious products which usually give Cod Liver Oil its disagreeable odor and taste. This oil can be readily tolerated by the most fastidious and is more easily digested and more nourishing than any other.

Bynin, Liquid Malt. The perfection of Malt Extracts. Very active and palatable, and free from the unpleasant viscosity of the ordinary thick extracts. An active aid to the digestion of starchy foods.

Bynin Amara. An analogue of Easton's Syrup, but much pleasanter to take and easier of assimilation.

Bynin Emulsion. An Emulsion of the finest Cod Liver Oil and Bynin (liquid malt), with the Hypophosphites of Lime and Soda. It is very palatable and easy of digestion and assimilation.

Bynol, the "Perfected" Malt and Oil. An intimate combination of Malt Extract and Cod Liver Oil, containing a high percentage of the latter, but

so blended that oil globules are imperceptible under the microscope, and all taste of Cod Liver Oil is overcome. Children relish it.

**Byno-Glycerophosphates.** A combination of the Glycerophosphates of Iron, Lime, Potash, Magnesia and Soda with Bynin (liquid malt). Most readily absorbed.

**Byno-Haemoglobin.** Containing one drachm of Haemoglobin in one ounce of Bynin. A most efficient way of administering this easily absorbed compound of iron.

**Byno-Hypophosphites.** An analogue of the official Syr. Hypophos. Comp. in which Bynin (liquid malt), an active digestive agent, replaces the inert and sometimes harmful sugar. A valuable general tonic.

**Byno-Pancreatin.** A combination of the digestive ferments of Pancreatic Juice with Bynin (liquid malt). For peptonizing milk, farinaceous foods, etc., or for taking with meals.

**Byno-Phosphates.** A dietetically improved Chemical Food. A digestive tonic and restorative for growing and delicate children.

The "Allenburys" Throat Pastilles. Soft, Demulcent, Palatable. The basis of the "Allenburys" Throat Pastilles is composed of a special Pate de Jujube which is soothing and palatable. The local action of the drug incorporated in these Pastilles is made more certain on account of the slow rate of solution of the Jujube in the saliva than is the case with ordinary Lozenges or Pastilles. A list, giving formulae, will be mailed to medical men on request.

**Kapsols.** "Kapsol" is the name given to a new form of pill medication, which in many in-

stances has proved greatly superior to the ordinary pill or compressed tablet. A Kapsol consists of a particularly soft, homogeneous and hence easily absorbed pill mass enclosed in a thin, soft and readily soluble Jujube coating. Although the Jujube envelope is quickly soluble yet it is of such a nature as to indefinitely preserve the contents, and "Kapsols" that have been made for a long period are as moist, active and soluble as on the first day they were made. A list of "Kapsols" furnished to medical men on request.

The "Allenburys" Specialties may be procured through worthy druggists everywhere. Samples and full particulars of these specialties will be sent to medical men on request.

Surgical instruments and appliances and ward requisites.

LAMBERT PHARMACAL COMPANY, ST. LOUIS,  
U.S.A.

W. Lloyd Wood, Manufacturing Chemist and Manufacturers' Agent, Toronto, Canada.

Listerine, the Standard Antiseptic. Formula—Listerine is the essential antiseptic constituent of Thyme, Eucalyptus, Baptisia, Gaultheria and Mentha Arvensis in combination. Each fluid drachm also contains two grains of refined and purified Benzo-Boracic Acid.

Listerine Dermatic Soap. Listerine Dermatic Soap contains the essential antiseptic constituents of thyme, eucalyptus, mentha and gaultheria, which enter into the composition of the well-known antiseptic preparation, Listerine: the quality of excellence of the soap-stock employed as the vehicle for this medication will be readily

apparent when used upon the most delicate skin. Listerine Dermatic Soap contains no animal fats, and none but the very best vegetable oils; before it is "milled" and pressed into cakes it is super-fatted by the addition of an emollient oil, and the smooth, elastic condition of the skin secured by using Listerine Dermatic Soap is largely due to the presence of this ingredient.

SPACES 54 and 55.

CALLARD & CO., 74 REGENT STREET,  
LONDON.

New Diabetic Foods. All guaranteed free from starch, sugar and other carbohydrates. The articles shown include :

Starchless Bread.  
Starchless Biscuits.  
Starchless Flour.  
Sugarless Jams.  
Sugarless Marmalade.

Food Specialists to Her Late Majesty Queen Victoria and all the hospitals and infirmaries throughout Great Britain.

Callard's Starchless Foods are prescribed by the leading physicians in Great Britain, Germany, Austria and the British Colonies. Agents in Toronto and New York.

SPACE 56.

REED & CARNRICK (See Page 87).

SPACE 57.

F. A. DAVIS COMPANY, MEDICAL PUBLISHERS, PHILADELPHIA, PENN.

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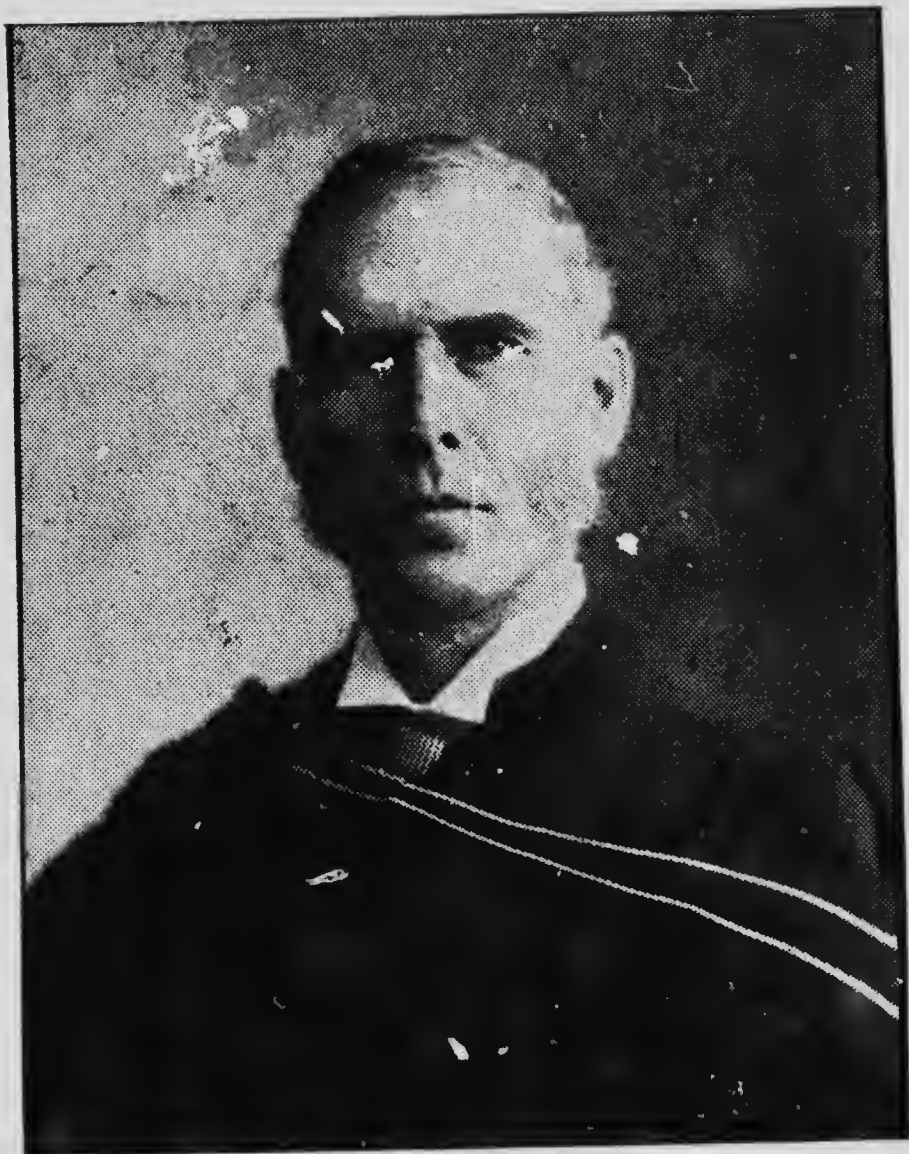
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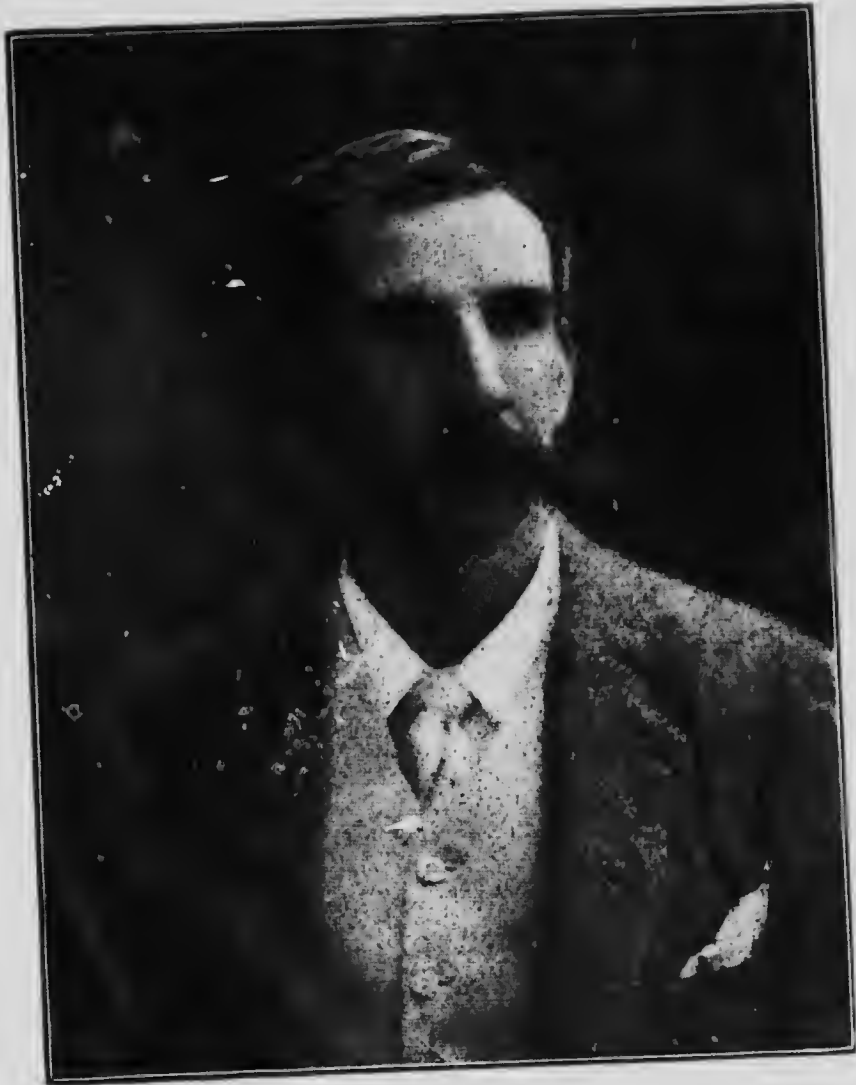
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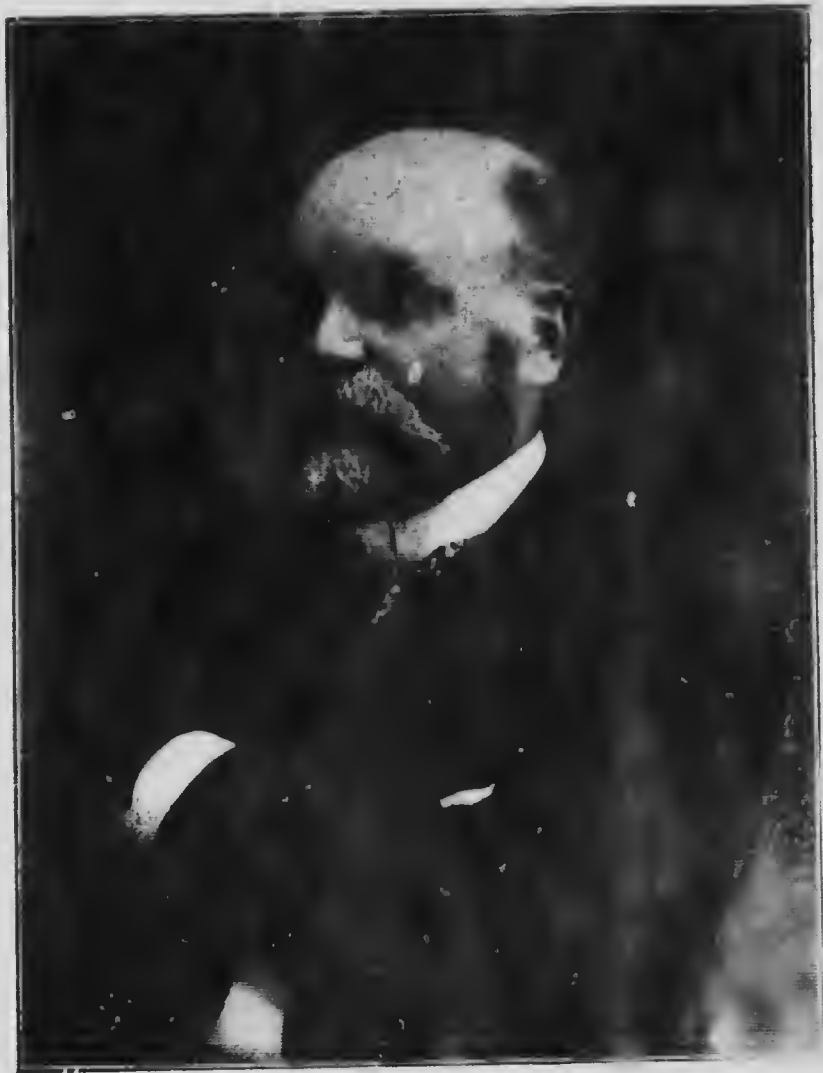
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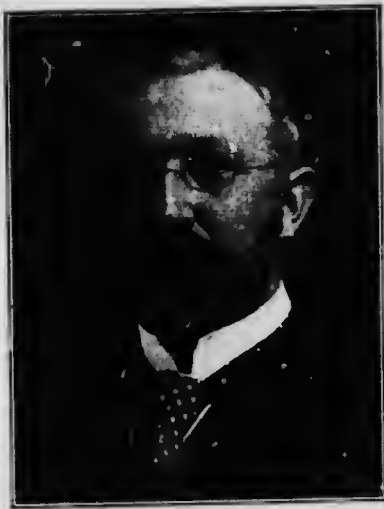


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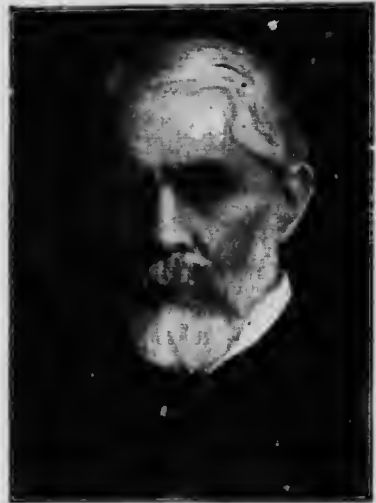




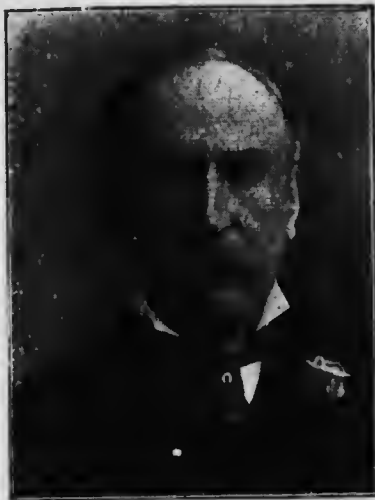
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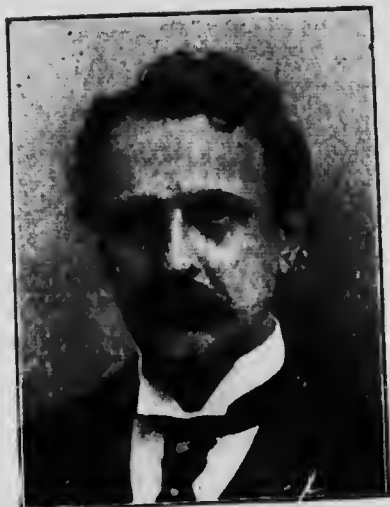
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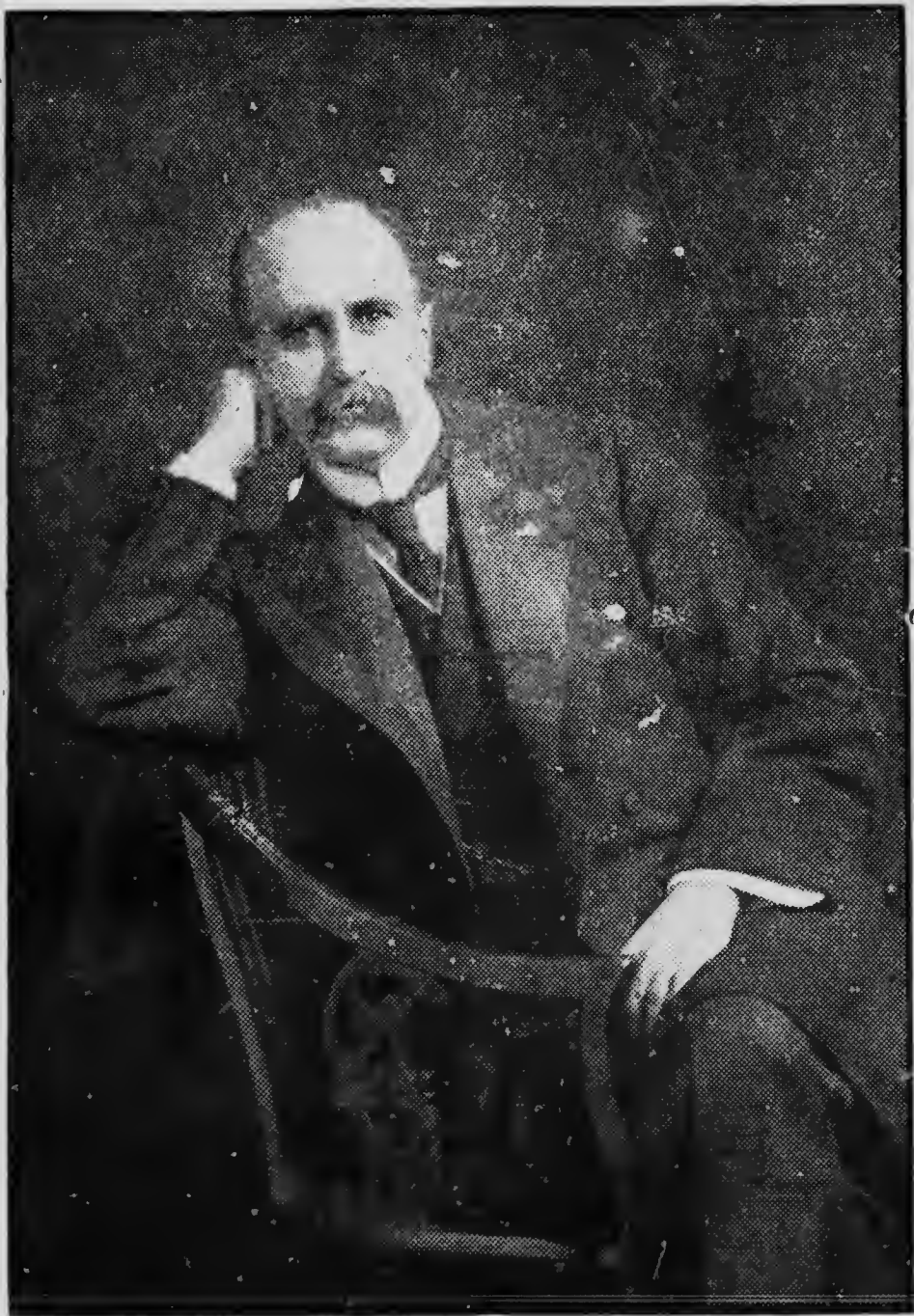
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Space No. 61. Chandler & Massey, Limited, of Toronto are making in this space an exhibit of their pharmaceutical products. These products have been before the medical profession in Canada for a number of years, and have acquired a reputation second to none.

Space No. 62. The Bausch & Lomb Optical Co., Rochester, N.Y., are showing a complete line of Microscopes and Supplies, and their exhibit will be worthy of an inspection. An expert in Microscopy will have charge and will be pleased to demonstrate the superiority of B. & L. Microscopes.

Space No. 63. The well-known medical publications of P. Blakiston's Son & Co., Philadelphia, Pa., are shown in this section and comprise some of the latest and most up-to-date works.

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## SPACE 65.

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SPACES 68, 69, 70 and 80.

THE J. F. HARTZ CO., LIMITED, TORONTO,  
ONT.; DETROIT, MICH.

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are high grade only and are fully guaranteed. A visit to this exhibit will well repay the time and trouble taken, particularly as an expert electrician will be in attendance to demonstrate the goods.

Spencer Lens Co., Buffalo, N.Y. It is only three years since this firm's excellent Microscopes and accessories were actually introduced into Canada by the present Canadian agents, and the sales exceed any other line of the same class of scientific goods during this short period. Without exception every purchaser is more than pleased with the result obtained from a Spencer Scope, and anyone contemplating buying or wishing to test the merits of the Spencer Lenses should not miss this opportunity. A thoroughly posted representative will be in charge of this exhibit.

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## SPACE 71.

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or to the railway, whence they are forwarded to all parts of the world.

The London "Lancet" recently sent a Special Commissioner to examine the Apollinaris Spring, and, as his report shows, the supply of Water is as abundant as ever, notwithstanding that the yearly output has reached the enormous total of Thirty Million Bottles, and still there is not the faintest evidence of the supply of both water and gas diminishing, the quantity being considerably in advance of present demands. The report also describes the careful manner in which the Water is collected from the Spring and bottled for exportation, so as to retain all its natural properties, and of the trouble taken to preserve the cleanliness of the Water. It is moreover maintained that the effects of the Salts in Natural Mineral Waters are such as cannot be obtained from any artificial imitation of them.

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At the Paris International Exhibition, 1879, when it received the Gold Medal ; at the International Health Exhibition, 1884 ; at the Centennial International Exhibition, Melbourne, 1888 ; at the Paris Universal Exhibition, 1889 ; at the World's Fair, Chicago, 1893 ; at the Antwerp Exhibition, 1894 ; and at the Dusseldorf Exhibition, 1902, where it received the Highest Awards accorded to Natural Mineral Waters. Apollinaris was also awarded the Royal Prussian State Medal in 1902. At the St. Louis Exposition, 1904, it received the Grand Prix.

#### APENTA NATURAL APERIENT WATER.

“ Apenta ” Water, a natural purgative Mineral Water, from the Apenta Springs, Budapest, Hungary. A natural laxative, suited for continuous use, remarkable for its richness in its sodium and magnesium sulphates, and for its uniform strength and composition. It is bottled under strict scientific and hygienic supervision. It was awarded the Silver Medal at the Paris Exposition, 1900, and at Milan, 1903, (“ Corso pro Infantia ”). At the St. Louis Exposition, 1904, it received the Gold Medal.

#### SPARKLING “APENTA.”

This Water, which has recently been put on the market, is Natural Apenta Carbonated, bottled at the Apenta Springs, Budapest, Hungary, and is put up in Cases of 50 “Splits” ; it is a pleasant and Refreshing Aperient for Morning use.

The whole of the Split bottle is usually taken as the morning dose.

## SPACE 72.

HIRAM WALKER & SONS, LIMITED, DISTILLERS AND BOTTLERS IN BOND, WALKERVILLE, ONTARIO, CANADA.

"Canadian Club" Whisky, Distilled and Bottled by Hiram Walker & Sons, Limited, Walkerville, Ontario. Holders of the Royal Warrant. Age and genuineness guaranteed by Canadian Government.

## SPACE 73.

REBMAN COMPANY, 1123 BROADWAY, NEW YORK, U.S.A.

(All prices quoted in this list are net.)

Barwise, "Practical Hints on the Analysis of Water and Sewage." Royal 8vo. 60c.

Bell, "The Pasteurisation and Sterilisation of Milk." Crown 8vo. 40c.

Belot, "Radiotherapy and Its Application to Skin Diseases." Royal 8vo. \$4.50.

Beloussow, "Nerve Charts in Many Colors." Mounted on linen, \$30.00.

Bockenheimer and Frohse, "An Atlas of Typical Operations in Surgery." Quarto. \$16.00.

Broca, "Surgical Anatomy and Operative Surgery of the Middle Ear." Royal 8vo. \$1.00.

Bulkley, "Skin Diseases and Internal Disorders." Crown 8vo. \$1.50.



- Bulkley, "Skin Diseases and Menstruation." Crown 8vo. \$1.00.
- Cleaves, "Light Energy." Royal 8vo. \$5.00.
- Fournier, "Syphilis, Treatment and Prophylaxis." Royal 8vo. \$5.00.
- Freeman, "The Sanitation of British Troops in India." Crown 8vo. 75c.
- Frenkel, "Treatment of Locomotor Ataxia by the Aid of Gymnastic Exercise." Royal 8vo. \$3.00.
- Freund, "Radiotherapy." Royal 8vo. \$5.00.
- Freyberger, "Pocket Formulary of Disease in Children." 3rd edition. Foolscap. 8vo. \$2.00.
- Greeff, "A Guide to the Microscopical Examination of the Eye." Crown 8vo. \$1.25.
- Guilleminot, "Electricity in Medicine." Demy 8vo. \$4.00.
- Jacobi, "Dermochromes." 3 volumes. \$24.00.
- Jardine, "Clinical Obstetrics." 2nd edition. Royal 8vo. \$4.75.
- Jaruntowsky, "The Private Sanatoria for Consumptives." Royal 8vo. 40c.
- Jennings, "A Manual of Plague." Royal 8vo. \$2.00.
- Keay, "The Medical Treatment of Gall Stones." Crown 8vo. \$1.25.
- Klopstock, etc., "Clinical Chemistry, Microscopy, Etc." \$2.25.
- Krafft-Ebing, "Psychopathia Sexualis." 12th edition. Royal 8vo. \$4.00.

- Luke, "Anaesthesia in Dental Surgery." New edition. Crown 8vo. \$1.75.
- McKerron, "Pregnancy, Labor and Childbed with Ovarian Tumours." Crown 8vo. \$2.00.
- McLennan, "Abdominal Examination and Manipulation in Pregnancy." Crown 8vo. \$2.00.
- Manders, "The Ferment Treatment of Cancer and Tuberculosis." Royal 8vo. \$2.00.
- Marshall, "Syphilis and Gonorrhoea." Royal 8vo. \$2.25.
- Moll, "Christian Science, Medicine and Occultism." Demy 8vo. 15c.
- Morrison, "Cardiac Failure and Its Treatment." Demy 8vo. \$1.50.
- Neustatter, "Sciascopy." (Charts). \$10.00.
- Oppenheimer, "Diagnosis and Treatment of Gonorrhoea in the Male." Crown 8vo. 50c.
- Power, "Intussusception." Demy 8vo. 50c.
- Pringle, "Pictorial Atlas of Skin Diseases." 2nd edition. \$18.00.
- Robinson and Cribb, "The Law and Chemistry Relating to Food and Drugs." Crown 8vo. \$1.50.
- Ross, "Intestinal Intoxication in Infants." Demy 8vo. \$1.00.
- Ruge, "Malarial Diseases." Royal 8vo. \$2.75.
- Sabouraud, "Topographical Dermatology." Royal 8vo. \$5.00.

- Senator-Kaminer, "Health and Disease in Relation to Marriage and the Married State." 2 vols. Royal 8vo. \$8.00.
- Schiff, "The Therapeutics of the Roentgen Rays." Royal 8vo. 25c.
- Sheild, "Nasal Obstruction." Demy 8vo. \$1.25.
- Sutton and Giles, "The Diseases of Women." 4th edition. Crown 8vo. \$3.25.
- Thresh, "Water and Water Supplies." 3rd edition. Crown 8vo. \$2.00.
- Toldt, "Atlas of Anatomy." 6 vols. Demy 4to. \$18.00.
- Woodruff, "Tropical Light." Crown 8vo. \$2.50.
- "Treatment." (Monthly). Medicine and Surgery. \$2.00 per annum.
- "Archives of the Roentgen Ray." (Monthly). \$4.00 per annum.
- "Ikonomographia Dermatologica." (Neisser-Jacobi). Twice a year. \$5.00 per annum.

SPACES 74 and 76.

KRESS & OWEN COMPANY, 210 FULTON ST.,  
NEW YORK, N.Y.

"Dysentery." By E. C. Roemele, M.D., East Eagle, Ky., formerly Instructor on *Materia Medica* and Therapeutics in Hospital College of Medicine, Louisville, Ky.

Case 1. N. B., age 21, dysentery. Began with slight diarrhoea, loss of appetite, nausea and some little fever when, on the second day, tem-

perature increased to 103 F. Stools became very frequent and changed from fecal to a grayish color, containing a blood and pus. Urine became scanty and highly colored. There was intense pain on pressure over the colon, an intense burning pain in the rectum. Vomiting became very severe. Treatment: Gave Glyco-Thymoline in teaspoonful doses in hot water every two hours and flushed out the bowels with a solution of Glyco-Thymoline, consisting of one part Glyco-Thymoline to five parts of water. The third action after this was used contained no blood whatever. The patient steadily improved and within one week from date of treatment was up and well. I might also mention that during the first part of the attack the young man had lost twenty-four pounds in weight.

Case 2. Jas. F., age 36, dysentery. Presenting the symptoms as in above case, only more severe. Had been treated by a medical student, who had given him opium in the form of suppositories in one grain doses. He had given up the case as hopeless. I was called on the ninth day, found him in a dreadfully emaciated condition, and as nearly dead as ever I saw a man. I at once ordered the following: Glyco-Thymoline, Liq. Bismuth, aa 2 ozs. M. Sig. Two teaspoonfuls every three hours, and had the nurse inject the following into his bowels: Glyco-Thymoline, 2 ozs., Aqua 8 ozs. This was repeated every four hours. I left, instructing them to telephone for me the next day if he were still alive. I was called and found that he had spent a better night than he had during his attack. His actions became less frequent and the blood gradually disappeared. This patient, after two weeks, made a complete recovery.

“Enterocolitis.” By O. W. Cobb, M.D., Easthampton, Mass.:

I was called last August to see an eight-months-old boy who was said to be dying of cholera infantum. He had been treated by two capable men, both of whom agreed that the child could not possibly outlive the day. Every conventional remedy had been tried and the favorite methods of both men had been exhausted. They frankly admitted that all had been done that could be done. I found the patient almost moribund, and displaying all the symptoms of a child dying of what I diagnosed as enterocolitis. The symptoms, to my mind, were classic, despite the previous diagnosis. The case was turned over to me at 9 a.m., Aug. 7th. A trained nurse was already on this case. She is an unusually competent woman, in whom I have the most implicit confidence. Then began the hardest battle of some years in my experience. I ordered high enemas of Glyco-Thymoline in 25 per cent. solution and warm. Used four ounces at a time with a soft rubber catheter once every three hours. The child could retain nothing, was in frightful pain and passing constantly thin, foul-smelling discharges tinged with blood. The child was emaciated to the last degree, and for several days before I was called had been in a semi-conscious state. The poor little baby was a pitiful sight. For nourishment, I ordered several combinations to be administered, an ounce at a time, as a rectal clyster following the enemas of Glyco-Thymoline. I know it is not good practice to give hypodermics to an infant, but this was a grave case. My predecessor had ordered gr. 1-64 morphine, gr. 1-960 atropin, sub. q. every four hours if needed, with strychnine gr. 1-240

if necessary. I continued this, as the baby was often in intense pain, and there seemed to be no other way. This was my plan of campaign and I am both thankful and pleased that it was successful. The baby improved from the first, but so slowly that it was scarcely discernible to the parents, but the nurse and myself saw it. After three days the child could take some nourishment per oram. I then gave 2 m. of Glyco-Thymoline in one ounce of water every two hours before feeding. It began to have short periods of natural rest and the discharges were in every way improved. At the end of a week, Aug. 14th, the improvement was quite marked, but we did not relax our vigilance. The hypodermics, except of strychnine, were discontinued. The enemas were continued fifteen days, once every three hours, then a less frequent intervals for a month, then once a day for six weeks. The recovery of the little patient was long and slow but uneventful. The mother and nurse were devoted and ably seconded my efforts. At this time the baby is a strong, rosy youngster. It gives me great pleasure to tell you of this case. The experience may be of value, and it certainly proves, to my satisfaction at least, the potential possibilities of Glyco-Thymoline in gastro-intestinal work. May you be speeded in your good work.

SPACE 75.

HENRY K. WAMPOLE & CO., PERTH, ONT.

Our exhibit will consist of the following:  
Wampole's Tasteless Preparation of the Extract of Cod Liver Oil, Creo Terpin Compound, Phospho Lecithin, Renatone, Asparoline, Antiseptic Vaginal Cones, Plain; Antiseptic Vaginal Cones, with Ichthyol; Antiseptic Vaginal Cones

with Ichthyol and Iodine, Tonga Salicyl, Alvinine Suppositories, Glycerine Suppositories, Bismuth Hydrate Compound, Papain Digestant, Hypno Bromic Compound, Milk Food, Pil Nephritic, Pap Ken Tablets, Syrup of Hydriodic Acid.

Wampole's Tasteless Preparation of the Extract of Cod Liver Oil contains a solution of the combined alkaloidal and other active medicinal principles obtained from one-fourth ( $\frac{1}{4}$ ) its volume of pure Cod Liver Oil, the oily or fatty portion being entirely eliminated. These principles are extracted from the oil while it is yet contained in the fresh livers, and in solution combined with Liquid Extract of Malt, Fluid Extract of Wild Cherry Bark, and Compound Syrup of Hypophosphites. This preparation contains everything which differentiates Cod Liver Oil from any other grease. It has an agreeable taste and will not cause the unpleasant digestive disturbances and eructations so characteristic of the raw oil and its emulsions.

Creo Terpin Compound. Formula : Creosote Carbonate, Terpin Hydrate, Heroin Hydrochlorate, Calcium Glycero-Phosphate, Sodium Glycero-Phosphate. This preparation contains the best expectorants at our disposal, rendered palatable and digestible, and combined with the Glycero-Phosphates of Lime and Soda, thus supplying the tonic properties which are so necessary to aid the patient to throw off a chronic cough. Creo Terpin Compound, in its elimination through the bronchial mucous membrane, allays irritation, relieves obstinate cough and produces a free and deodorized expectoration.

We have also on exhibit Wampole's Phospho Lecithin, Wampole's Renatone, Asparoline Compound, Wampole's Antiseptic Solution Formo-

lid, Wampole's Vaginal Cones, Tonga Salicyl, Wampole's Glycerine Suppositories, Alvinine Suppositories, Bismuth Hydrate Compound, Wampole's Papain Digestant, Wampole's Hypno-Bromic Compound, Wampole's Milk Food, Wampole's Pil Nephritic, Wampole's Pap Ken Tablets, Wampole's Syrup Hydriodic Acid.

## SPACE 77.

BOVRIL, LIMITED, LONDON, ENGLAND, AND MONTREAL.

## SPACE 78.

NEW YORK PHARMACAL ASSOCIATION, YONKERS, N.Y. Canada Office, 88 Wellington St. W., Toronto; R. L. Gibson, Agent.

Lactopeptine (Powder). Contains the five active agents of digestion—Pepsin, Diastase (veg. ptyalin), Pancreatin, Lactic Acid and Hydrochloric Acid, combined in the proper proportions to insure the best results.

Lactopeptine Tablets, 5 grains each.

Lactopeptine Elixir. Each fluid ounce contains 38 grains Lactopeptine.

Elixir Lactopeptine with Phosphate of Iron, Quinia and Strychnia.

PALISADE MANUFACTURING CO., YONKERS, N.Y. Canada Office, 88 Wellington St. W., Toronto; R. L. Gibson, Agent.

Hemaboloids. A palatable solution of natural iron bearing nucleo-proteids, extracted unchanged from richly ferruginous vegetables, reinforced by (1) A synthetically prepared true organic iron compound, (2) Nutrient Albuminoids, (3) The hematinic principle of bone marrow, and (4) Nuclein, to stimulate normal metabolism.



**Hemaboloids-Arseniated (with Strychnia).** Combines the hematinic and nutritious properties of **Hemaboloids**, with the alterative, tonic and anti-malarial properties of the organic nucleate of arsenic and the nerve and heart toning action of strychnia. Each tablespoonful represents 1-40 gr. (1.6 mgm.) Arsenious Acid and 1-80 gr. (0.8 mgm.) Strychnia.

**Borolyptol.** An antiseptic and germicidal fluid for intestinal and external use. Contains in pleasant and permanent form 5 per cent. Aceto-Boro-Glyceride, 0.2 per cent. Formaldehyde, in combination with the active antiseptic constituents of *Pinus Pumilio*, *Eucalyptus*, Myrrh, Storax and Benzoin. It is non-toxic, non-irritant, non-staining and fragrant.

**THE ARLINGTON CHEMICAL CO., YONKERS,**  
N.Y. Canada Office, 88 Wellington St. W.,  
Toronto ; R. L. Gibson, Agent.

**Beef Peptonoids (Soluble).** A food of the highest nutritive value, containing 40 per cent. Protein, in partially digested, freely soluble and readily assimilable form, obtained from the flesh-forming, nitrogenous principles of Beef, Milk and Wheat, with their promptly absorbable carbohydrates and nutritive salts. Absolutely free from unconverted starch or indigestible material.

**Liquid Peptonoids.** Beef, Milk and Wheat (predigested). A sustaining, reconstructive, stimulating food, rich in all the nutritive principles of Beef, Milk and Wheat (except the fat). Ready for immediate absorption and assimilation. Especially useful for the restorative feeding of patients unable to digest food in any other form.

Liquid Peptonoids with Creosote. Each tablespoonful contains 2 minims of pure Beechwood Creosote, with 1 minim Guaiacol.

Cascara-Peptonoids (Tonic Laxative). Combines in palatable form the general nutro-tonic virtues of Liquid Peptonoids, with the laxative properties of old Cascara Bark and the stimulating effect of Nux Vomica, upon the gastrointestinal musculature. Each tablespoonful contains the equivalent of 30 minims Ext. Casc. Sag. Fl., together with 1 minim Tr. Nucis Vom.

SPACE 79.

D. APPLETON & CO., 436 FIFTH AVE., NEW YORK CITY.

Best authoritative books on Obstetrics, Gynecology and Surgery are: Williams' "Obstetrics," Wright's "Obstetrics," Reed's "Gynecology," Pryor's "Gynecology," Bryant's "Operative Surgery," Key's "Genito-Urinary," Tuttle's "Anus, Rectum and Pelvic Colon," Kelly's "Operative Gynecology."

Send for our new illustrated Medical Catalogue.

SPACE 81.

### HORLICK'S MALTED MILK.

Is a complete food in powder form, prepared from pure dairy milk and the soluble extracts of choice malted grain. The milk forming the base is obtained from model dairies that are under strict supervision. The wheat and barley are carefully selected and malted on the premises by special methods that bring about a full development of the malt enzymes. The process of manufacture, by which the soluble albuminoids, the

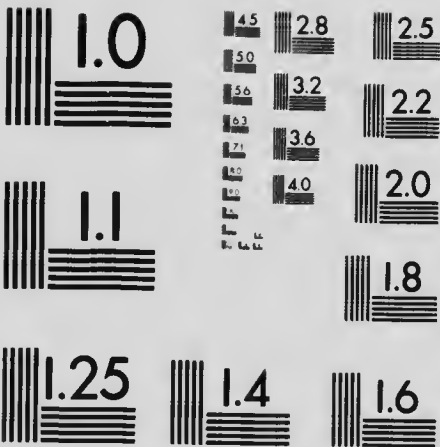
phosphates and the maltose of the malted grain have been incorporated with the milk and offered in a concentrated, powder form, is carried out in vacuo at a low temperature, maintaining the full nutritive value of every ingredient. It is a complete food, satisfying every need of nutrition in all cases in which milk is indicated as the main diet. Its successful use by thousands of physicians for over a quarter of a century in different parts of the civilized world, attests the advancement that has been made in thus adapting pure milk to the special needs of the infant or invalid, and making it available in a pure, reliable, easily assimilated form. Manufactured also in tablet form, natural and chocolate flavor, affording a convenient, satisfying luncheon for travellers, tourists, business and professional men on many occasions.

SPACES 82, 83 and 84.

THE CHAS. H. PHILLIPS CHEMICAL CO.,  
128 PEARL ST., NEW YORK, AND LONDON.

Phillips' Phospho-Muriate of Quinine. Phosphatic Nutrition. Phosphates being natural food products and essential constituents of the human organism, their absence from our food quickly gives evidence of mal-nutrition and improper development. Physiologists have demonstrated that Phosphates administered in an acid solution, as exhibited in "Phospho-Muriate of Quinine," are readily absorbed and assimilated. This preparation supplies necessary elements (Phosphorus, Potassium, Magnesium, Lime, Iron) required for building up tissue, and the prompt and pronounced improvement which marks its administration in diseases of nutrition is an indication, not only of the individual





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS  
STANDARD REFERENCE MATERIAL 1010a  
(ANSI and ISO TEST CHART No. 2)

utility, but of its superiority over the hypophosphite preparations which seek to effect the same end. The effect of remedies (such as Phosphates) employed to improve the nutrition of the body, is greatly increased by the addition of quinine and strychnine, which energize nervous, cardiac and respiratory movements, stimulate appetite and digestive functions, and overcome the depression so frequently associated with defective nutrition. Indicated as an Appetizer and Stomachic, and General Tonic and Reconstructive.

Phillips' Digestible Cocoa. "The Only Cocoa with a Rich Chocolate Flavor." Made only from choicest selected beans and presents to the profession a superior cocoa, unequalled for delicacy of flavor, nutritious properties, and digestibility. A food beverage for children and invalids and pregnant and nursing women. During acute illness, or convalescence, or after operations, where liquid nourishment is imperative, this cocoa will be found invigorating and sustaining. Phillips' Digestible Cocoa is to be preferred to tea or coffee as a nutritive rather than stimulating drink, or where tea or coffee induces unpleasant and nervous or dyspeptic symptoms.

Phillips' Milk of Magnesia. "The Perfect Antacid." A concentrated fluid, milk-like in appearance, odorless, almost tasteless, free from carbon dioxid, containing not less than 24 grains of pure Magnesium Hydroxid ( $Mg H_2 O_2$ ) to the fluid ounce. Phillips' Milk of Magnesia is a direct antacid, has the characteristic affinity for free acids common to hydrates, and is completely soluble in the gastric juice, precluding formation of concretions. This preparation forms corresponding neutral salts with the

free acids of the stomach, and is readily absorbed, increasing the alkalescence of the blood and tissues. It causes no irritation or distention of the stomach on account of its freedom from CO<sub>2</sub>, and where given in sufficient quantity acts as an alkaline aperient and eliminant. A teaspoonful of Phillips' Milk of Magnesia is equivalent in acid neutralizing power, approximately, to 6 ounces Lime Water,  $\frac{3}{4}$  ounces Fluid Magnesia, B.P., 30 grains Sodium Borate (Borax), 11 grains Sodium Bicarbonate, 7 grains Sodium Carbonate, 24 grains Sodium Citrate, 12 grains Potassium Bicarbonate, 10 grains Potassium Carbonate, 7 grains Magnesium Carbonate, 3 grains Magnesium Oxid (Calcined), 6 grains Calcium Carbonate (Chalk). A teaspoonful of Phillips' Milk of Magnesia will neutralize, approximately, 12 minims Hydrochloric Acid, 2 teaspoonfuls Lemon Juice, 8 fluid ounces Hydrogen Dioxid (3 per cent. H<sub>2</sub> O<sub>2</sub>).

## SPACE 85.

WALTER BAKER & CO., LTD., DORCHESTER,  
MASS., U.S.A.; MONTREAL, P.Q.

Baker's Breakfast Cocoa. A finely powdered cocoa made from selected beans, from which the excess of oil has been removed. It is absolutely pure and highly soluble. A delicious and nutritious preparation admirably adapted for invalids as well as for persons in health.

Baker's Chocolate (unsweetened). It is made from the best cacao beans freshly roasted and ground and then moulded into cakes. It is the pure product of the natural beans, to which nothing has been added, and from which nothing has been taken away.

**Baker's Vanilla Chocolate.** It is made from selected cacao beans, freshly roasted and ground, then mixed with a fine quality of sugar and flavored with the best Mexican vanilla beans. It contains no other ingredients.

**Baker's Caracas Sweet Chocolate.** It is made from selected Caracas cacao beans, freshly roasted and ground, and then mixed with a fine quality of sugar and flavored with the best Mexican vanilla beans. It contains no other ingredients.

**German Sweet Chocolate.** It is made from cacao beans of good quality, freshly roasted and ground, and mixed with a pure sugar. It contains no other ingredients.

**SPACE 86.**

**FERRIS & CO., BRISTOL, ENGLAND.**

R. L. Gibson, Agent, 88 Wellington St. West,  
Toronto.

**Nepenthe.** The standard Sedative and Anodyne. Prepared exclusively from opium. Dose: Same as Tincture Opii. In this well-known preparation all the constituents which give rise to the disagreeable after-effects experienced in use of the ordinary preparations of opium and its alkaloids have been eliminated (by a carefully elaborated pharmaceutical process) without in any degree interfering with the unrivalled sleep-producing and pain-allaying properties of the drug. It is claimed for Nepenthe that it gives more relief than any other form of opium or its alkaloids, and that it can be administered to patients who cannot tolerate opium in any other form. The strength of Nepenthe is adjusted to correspond with that of the Tincture Opii of the B.P., and the dose, therefore, is the same as of Laudanum.



Glycerole of Nepenthe. For hypodermic medication we prepare the Glycerole, which is a concentrated form of Nepenthe, suitable for subcutaneous injection. Glycerole of Nepenthe is eight times the strength of ordinary Nepenthe, and dose (by injection) from one to four minims.

“ Ever-Ready ” Dressings, Plasters, etc. Almost any kind of textile material can be adapted to the patent “ Ever-Ready ” Caddy, and our list now includes over one hundred and sixty varieties of dressings and plasters. Under the old plan of keeping these (in paper parcels, which had to be unwrapped and re-wrapped every time material was required) there was much loss of time and waste of material, which are entirely avoided by use of the Caddy.

“ Ever-Ready ” Caddies. These are dust-proof and almost air-tight, so retaining antiseptic properties of contents unimpaired. When any dressing is required, exact quantity can be unrolled and cut off in a moment, “ Caddy ” consisting of rectangular box, with lid, furnished with a longitudinal axis (or spindle). Dressings are rolled upon “ spools ” of metal or pasteboard, fitting over spindle referred to, so that rolls can be easily revolved. One end of the Caddy is double, outer or false piece forming holder for label (card), denoting contents. Contents being indicated by label on end of receptacle, Caddies can be placed side by side, end outward, occupying very little room. Shelf is preferable to a drawer, as Caddies are always in sight, and the one required can be selected in a moment.

“ Ever-Ready ” Cabinets. These are strongly and handsomely made, in polished mahogany, finished in best style. They are stocked in three

sizes, holding from 10 to 18 caddies. (Other sizes are made to order.) Drawer is arranged to carry assortment of bandages, scissors, pins, sponges, needles, ligatures, tourniquets, and a small set of dressing instruments. The original idea of the patentees was to produce something which should be of use in the surgery, consulting room or hospital ward. It soon became apparent, however, that the invention would have a wider application, and cabinets, stocked with a useful assortment of dressings, plasters, bandages, and simple appliances, are now regularly ordered for nursing institutions, homes, schools, asylums, factories, public buildings, ambulance and police stations, country houses, and shooting lodges.

#### SPACE 87.

#### ARMOUR & COMPANY, CHICAGO.

Armour & Company, Chicago, exhibit the products of their laboratories, including Suprarenalin, Suprarenalin Solution, Suprarenalin Ointment and Suprarenalin Triturates; Thyroids, powder and tablets; Extract of Red Bone Marrow; Pepsin, Essence of Pepsin, Glycerole of Pepsin, Lactated Pepsin, Pepsin Tablets; Pancreatin, Essence of Pancreatin, Glycerole of Pancreatin; Benzoinated Lard; Parathyroids, Parotid, Thymus and other glandular substances in powder and in tablets.

The Armour products are supplied by Armour & Company, Chicago; Armour & Company, Ltd., London, England; and Armour, Limited, Toronto.

## SPACE 88.

LEA BROTHERS & CO., NEW YORK, 111 FIFTH AVENUE ; PHILADELPHIA, 706-8-10 SANSON STREET.

The Practitioner's Library of Gynecology, Obstetrics and Pediatrics. In original contributions by eminent American and English authors.

"The Practice of Gynecology." Edited by J. Wesley Bovee, A.M., M.D., Professor of Clinical Gynecology in the George Washington University, Washington, D.C. Large octavo, 836 pages, with 382 engravings and 60 full-page plates in colors and monochrome. Cloth, \$6.00, net ; leather, \$7.00, net ; half morocco, \$8.00, net.

"The Practice of Obstetrics." Edited by Reuben Peterson, A.B., M.D., Professor of Obstetrics and Diseases of Women in the University of Michigan, Department of Medicine and Surgery, Ann Arbor, Mich. Large octavo, about 1,000 pages, with 525 engravings, and 18 full-page plates in colors and monochrome. Cloth, \$6.00, net ; leather, \$7.00, net ; half morocco, \$8.00, net.

"The Practice of Pediatrics." Edited by Walter Lester Carr, M.D., Consulting Physician French Hospital ; Visiting Physician Infants' and Children's Hospital, New York. Large octavo, 1,014 pages, with 199 engravings, and 32 full-page plates in colors and monochrome. Cloth, \$6.00, net ; leather, \$7.00, net ; half morocco, \$8.00, net.

The present time is opportune for the issuance of a complete modern library, covering the whole cognate domain of Gynecology, Obstetrics and

**Pediatrics.** As the titles of these companion volumes imply, their purpose is distinctly practical, theoretical matters being introduced briefly wherever they subserve this end. Thus adequate space is found for each subject in a single, convenient volume. The Editors have assigned the chapters to authorities of recognized eminence who have written in the light of ample experience. In presenting the most advanced knowledge of established value, each author has been requested to include his own observations of disease and the therapeutic measures which have resulted in the greatest success. This adds to each contribution a personal element of obvious value, as the authors are, without exception, clinicians and teachers of wide experience. Abundant engravings and full-page plates illuminate the text, the facilities at command of the Editors having enabled them to secure photographs and drawings exhibiting any point desired. Though it is manifestly to the advantage of every physician to have this whole library at hand, the volumes are sold separately for the convenience of those interested in the individual departments.

SPACE 107.

CADBURY BROS., LTD., BOURNVILLE, BIRMINGHAM, ENGLAND.

**The Cocoa of the Old Country.** Cadbury's Cocoa still maintains its great superiority as a highly nutritious Food-Beverage, being delicious in taste, absolutely pure and most economical withal. For strength, purity and nourishment, there is nothing superior to be found.—*Medical Magazine.* Cadbury's, Absolutely Pure, therefore Best.

## SPACE 109.

THE MEDICAL LIBRARY AND HISTORICAL  
JOURNAL, 1313 BEDFORD AVE.,  
BROOKLYN, N.Y.

A. T. Huntington, Editor.

## SPACE 112.

NATURAL FOOD CO., NIAGARA FALLS, N. Y.

One might as well visit Rome without seeing St. Peter's as to visit Niagara Falls without seeing "The Home of Shredded Wheat." While the Cataract and the picturesque region around it fully satisfy one's love for the beautiful and awe-inspiring, the Shredded Wheat plant must appeal with stronger interest to one who is impressed by the development of a unique and wonderful industry, representing as it does the product of man's own skill, ingenuity and commercial daring.

While Niagara Falls and the wonderful gorge through which the waters of Niagara roll on their way to Lake Ontario fully satisfy the searcher for that which is picturesque and majestic almost beyond description, one could hardly afford to leave the Niagara region without going through the unique establishment in which the world-famed Shredded Wheat products are made. It is, in fact, the "show place" of the Falls. A few minutes in front of the Niagara Cataract, where the water rolls over the precipice in torrential fury, suffices to impress one with its scenic grandeur and majestic beauty, but one might easily spend a whole day in "The Home of Shredded Wheat" admiring the unequalled beauty and cleanliness of the building and marvelling at the ingenious automatic machinery which has been developed by the skill of man for the various interesting pro-

cesses in the manufacture of Shredded Wheat Biscuit and Triscuit.

It is not easy to miss the ornate and imposing structure in which Shredded Wheat products are made. It stands on an eminence overlooking the beautiful Niagara River, and on its roof towers a mammoth electric sign which announces to all the country round about that this building is "The Home of Shredded Wheat," and that visitors are welcome. This sign is 260 feet long and each letter is 6 feet in height. The sign is 104 feet from the ground, and when the letters are illuminated at night it may easily be read at a distance of one mile. There are 1,400 incandescent lamps in these letters, and 8,000 feet of wire was used in the installation.

This building, which is sometimes referred to as the Palace of Light, and in which a million and a quarter Shredded Wheat Biscuits are made every day, is located on Buffalo Avenue, in the heart of the most beautiful residence district of the city of Niagara Falls, far away from the soot and dirt of factories and railroads. More interesting than the beautiful building itself, with its 30,000 lights of glass, its spacious auditorium, and its dining-rooms and rest rooms for employees, is the automatic machinery which takes a stream of golden wheat, cooks it, shreds it and bakes it, and packs it in cartons and cases ready for shipment to all parts of the globe.

This building, which is without doubt the most beautiful and most hygienic industrial building in the world, is 463 feet in length by 66 feet in depth, contains 3,000 tons of steel and 200 tons of marble. The building is entered through a large foyer, on either side of which are writing

and reading rooms for guests, furnished with beautiful rugs and sumptuous weathered oak, leather-upholstered furniture. From the middle of the ceiling hangs a pendant, a great crystal ball, inside of which are 36 electric lights. At the base of the vast columns supporting the ceiling are upholstered settees. In one end of the foyer dainty "demonstration lunches" are served to visitors, and here may be found guides ready to pilot visitors through the building. The roof of the administration section, reached by electric elevators, commands a view of Niagara River, the Rapids, Goat Island, Three Sister Islands and other scenic beauties of this picturesque region.

**SPACE 115.**

**W. SCHIEDEL COIL CO.**

J. F. Hartz & Co., Detroit, Mich., and Toronto.

**SPACE 116.**

**ELECTRO-RADIATION COMPANY, OF BOSTON,  
MASS.,**

Are exhibiting a very fine line of High Frequency and X-Ray apparatus. The "Hercules" coil shown is very handsome and imposing. It is a very powerful and efficient instrument. All the various forms of high frequency currents may be obtained. The regulation and control are absolute. The X-ray effects are very good.

The "Ajax" coil is smaller, and is put up in a plain, substantial quartered oak cabinet. It runs perfectly, and gives a splendid discharge. The high frequency and X-ray effects are excellent. The price of this coil is very reasonable indeed, and the machine is exceedingly satisfactory.

The Electro-Radiation Company make a complete line of electro-therapeutic goods, including various forms of X-ray tubes and vacuum electrodes. Catalogue will be gladly furnished on request.

**SPACE 119.**

**THE DEVILBISS MANUFACTURING COMPANY,  
1218-1220 JACKSON STREET, TOLEDO,  
OHIO, U.S.A.; WINDSOR, CANADA.**

Atomizers, Nebulizers and Powder Blowers. Especially adapted for Physicians' and Patients' own use.

DeVilbiss Atomizers will spray oils, aqueous, or alcoholic solutions in any direction.

DeVilbiss' Nebulizers will throw a profusion of moist or dry vapor.

DeVilbiss' Powder Blowers will throw powder in any direction desired, without bunching.

Demonstration of these instruments is given at Space No. 119.

**SPACE 120.**

**BRAND & CO., LTD., MAYFAIR WORKS, 74-84,  
SOUTH LAMBETH ROAD, VAUXHALL,  
LONDON, S.W., AND 11, LITTLE  
STANHOPE STREET, MAY-  
FAIR, LONDON, W.**

Purveyors to H. M. King Edward VII., Contractors to His Majesty's War Office, and to the Governments of India and Egypt.

Specialties for Invalids.

Essence of Beef, Mutton, Veal, and Chicken. Consists of the juices of the finest meats, without the addition of water, salt, or any other ingre-



dient. They will be found of great service on account of their valuable nutritive and stimulative properties, in all exhausting diseases. They are extremely palatable and easy of retention.

**Meat Juice.** Consists of the juice of the finest meats extracted in the cold, and rich in natural uncoagulated proteids. It has latterly been largely used as the chief constituent of Nutrient Ene-mata, and as such has given most gratifying results. Mixed with soda water it forms a very nutritious and extremely agreeable liquid food and is readily assimilated. It is entirely free from all chemical preservatives.

**Concentrated Beef Tea.** Contains the soluble ingredients of the best meat, without any addition of flavoring matter.

**Fever Food.** Consists of essence of beef, cream and yolk of egg, and forms an ideal food for use in all cases of fever. Peculiarly adapted for the tropics, where cream and eggs are often difficult to obtain.

**Beef Tea Tabules.** Provide a nutritious and savory cup of beef tea by the simple addition of boiling water. Their portability and ease with which the beverage is prepared make them a boon to all.

**Meat Lozenges.** Another convenient form of concentrated nourishment, which can be carried in the vest pocket, and are capable of sustaining life for long periods without other foods.

**Beef Tea Jelly, Chicken Jelly, and Mutton Jelly.** Extremely nourishing preparations, forming an excellent change in the invalid dietary, may be taken either as a jelly or converted into a beverage, by the addition of boiling water.

Turtle Soup and Turtle Jelly. Prepared expressly for invalids, from the fresh West Indian turtle.

Invalid Mock Turtle, Ox Tail and Gravy Soups, and Mutton Broth. Prepared expressly and with great care for invalids.

Beef Bouillon. Introduced to provide a nutritious and palatable beverage made from the best materials in a cheap and portable form.

Albuminous Essence of Beef. Consists of the juice of the beef with the addition of a portion of albuminous, fatty and fibrous elements.

A 1 Sauces and Jellies of Superior Quality.

SPACE 121.

R. M. CLARK & CO., 246 SUMNER ST.,  
BOSTON, MASS., U.S.A.

Doctor: "What do you do with baby's hands to prevent scratching, in such cases as Eczema, Chicken Pox, Measles, Sore Eyes, etc.?"

"I need not tell you that in the average case of so-called 'Skin Disease' a child's sharp fingernails will do more damage in one minute than nature and your skill can repair in one week.

"You can't trust the average mother to keep her child's hands tied, because it makes him fretful. Cloth mitts are but little better than the bare hands, besides being extremely unsanitary."

"Hand-I-Hold" Babe Mits are better for the prevention of scratching, or for breaking up every bad habit of the hands, than anything ever invented, because they permit the child to use every joint of his arm, wrist and hand freely.

"Hand-I-Hold" Babe Mits are hollow balls, spun

without seam from aluminum. They are ventilated and have sleeves of wash fabric.

They are made in three regular sizes suitable for children up to 5 or 6 years old. Special sizes may be had to order. Free booklet containing full particulars may be obtained from the manufacturer.

SPACE 123.

BENGER'S FOOD, LTD., OTTER WORKS, MANCHESTER, ENG.

- (1) Benger's Food consists of a specially finely ground nitrogenous, wheaten meal, cooked and impregnated with a suitable proportion of the fresh, natural digestive principles of the pancreas trypsin and amylopsin. When mixed with warm new milk or milk and water, as directed on each tin, these digestive principles not only render the farinaceous elements of the food soluble, but further reduce the casein of the milk to a condition similar to that in which it exists in human milk, so that hard, indigestible masses of curd cannot be formed in the stomach. Benger's Food forms a delicate and delicious cream, rich in all the elements necessary to maintain vigorous health. Infants thrive on it, and delicate and aged persons enjoy it.
- (2) The degree of digestion can be regulated, i. e., increased or diminished by lengthening or shortening the period of digestion when the food is being prepared. See directions on each tin.
- (3) The proportion of milk and water used can also be adjusted to the quantities considered desirable in each case, e. g., the Food may be prepared with half milk and half water, but two-thirds milk and one-third water, or one-third milk and two-thirds water could be substituted.

## SPACE 125.

THE RAMAGE MILK PRODUCTS CO., MACK  
AVE. AND BELT LINE, DETROIT, MICH.

**Lactalbumin, Nature's Nerve Food.** The pure, soluble proteid of whey, perfectly free from acids, alkalies, or decomposition products. Milk albumin is assimilated directly by the walls of the stomach, small intestine, and colon. On the other hand, egg albumin introduced into the blood is immediately voided by the kidneys, (Hemmeter, Hammersten). "Neuralgia has been well said to be the cry of a nerve for better food." (Prof. Loomis, "Practice of Medicine," p. 107). In all cases of Neurasthenia, nerve malnutrition, or nerve poisoning, the fundamental indication is the same in all cases, "nerve nutrition," or Lactalbumin.

**Mothermilk, Nature's Food.** A pure, desiccated, modified milk containing the requisite amount of pure Lactalbumin, and an increased amount of pure milk salts. The greatest problem before modifiers of milk for infants is to obtain the Lactalbumin content, as witness the numerous substitutes, i. e., egg albumin, artificial albumoses, and peptones. We prepare and add the required amount of Lactalbumin.

**Camphoric Superoxide.** A highly oxidized product of Eucalyptol, obtained by passing ozone through Eucalyptol, heated at 60 deg. C., in the presence of Platinum Black. Camphoric Superoxide liberates Nascent Oxygen, or ozone, in the presence of water for a period of 36 to 40 hours, at the same time leaving Eucalyptol in the system, which is quickly passed off. The ideal intestinal antiseptic, especially in typhoid, as owing to its slow and continuous action, it can penetrate the entire tract, not only sterilizing, but also relieving the inflammation. Cam-

phoric Superoxide is purely vegetable, and contains no coal tar product.

SPACE 126.

ELECTRO-SURGICAL INSTRUMENT CO.,  
ROCHESTER, N.Y., U.S.A.

Manufacturers of Electrically-Lighted Surgical Instruments and Electro-Therapeutic Appliances. Illuminated Cystoscopes, Urethroscopes, Vaginal and Rectal Speculums, Bougies, Auroscopes, Laryngoscopes, Gastrodiaphanes, Oesophoscopes, Tongue Depressors; also Cauteries, Dilators, Sounds, Batteries, Transformers, Miniature Lamps, Etc., Etc.

SPACE 127 (changed to 56).

REED & CARNRICK, JERSEY CITY, N.J.

Protonuclein (proto et nucleo-plasm). The unchanged primary substances with the nuclei of the cells of glandular portions of the body.

Peptenzyme (nucleo-enzymes). The unchanged primary-enzymes or nucleo-enzymes of all the glands which have anything to do with digestion.

Pancrobilin. Dehydrated bile and nucleo-enzymes of pancreas.

Nephritin. The unchanged primary substances of the cells of the cortex with the convoluted tubules of the kidney.

Full particulars about these preparations and answers to all queries will be gladly given.

Please remember that in writing to Reed & Carnrick, you will be answered by medical men thoroughly trained in hospital work and practice, and not by theoretic laboratory workers.

For samples and literature apply to our Canadian representative, A. L. Massey & Co., 61-65 Adelaide St. E., Toronto, Canada.

SPACES 128, 129, 130, and 131.

## THE DOWSING RADIANT HEAT APPARATUS.

The Dowsing apparatus is not a hot-air bath ; it does not depend on hot air but on direct application of heat and light rays to the body or to parts of the body. The heat producers are powerful electric lamps of a special design, rich in yellow and red rays, but which exclude the violet rays which are more or less irritating to the skin. These lamps are fitted on polished reflectors which project the rays on the part of the body to be heated.

The apparatus for the treatment of the body consists of a bed with an asbestos mattress ; five reflectors fitted with Dowsing lamps and a rheostat to regulate the amount of current and intensity of heat. The patient undressed lies on the bed, the current is turned on and he is surrounded by heat and light rays from every direction. Or the whole apparatus, patient, reflector and all can be covered with an asbestos blanket which leaves the head only exposed, thus permitting the patient to breathe the normal atmosphere of the room.

With the direct heat and light rays, the patient can bear a temperature of 350 degrees F. easily.

Different local apparatus are used for the treatment of a limb only or of any part of the body. No enclosure being needed, any part of the body can easily be heated by the rays.

A very useful local apparatus consists of a small reflector with a handle, fitted with two Dowsing lamps. With this apparatus, the nurse can project the rays on any spot—shoulder, hip, groin, back, etc. From 400 to 500 degrees Fahrenheit are easily borne locally.

This form of heat is much more penetrating than the dark or non-luminous heat. With the hot air apparatus you heat by contact; that is, you heat the air, which, in its turn, heats the skin without raising the temperature of the deeper tissues to any extent. With the Dowsing apparatus, the light rays penetrate deeply into the tissues; there the light rays are transformed by the resistance of the tissues into heat waves; in that way the heat is carried into the deep-seated organs.

The Dowsing apparatus has been found very useful for the treatment of Rheumatism, Gout, Synovitis, Rheumatoid Arthritis, Stiff and Painful Joints, Sprains, Neuritis, and many other diseases. It never fails to alleviate the pain and often secures a permanent recovery in a remarkably short time.

It was used at the Roosevelt Hospital of New York, in conjunction with the Arthromotor, in 1905, for the treatment of nearly all cases of injury to the extremities, and was an important factor in the remarkable record made in that hospital during that year for quick functional recovery of cases of fractures, dislocations, sprains, etc.

#### “ ARTHROMOTOR.”

The Arthromotor is an apparatus devised for giving passive and active movements to any joint of the extremities. Everything needed for the mechanical treatment of the extremities is combined into this one machine. It not only replaces a large number of machines used in the past for the treatment of the extremities; but it has over these the following advantages:

1st. It can be adjusted so as to work on any joint

of the extremities and give these joints any movement desired—flexion, extension, pronation, supination, rotation, abduction, adduction, etc.

- 2nd. It can be used for passive and for active movements or for passive movement one way and active movement the other, (passive flexion and active extension, for instance, and vice versa).
- 3rd. It can be regulated so as to go gradually from a short to the full physiological movement.
- 4th. It can be regulated so as to give the movement any angle.
- 5th. It can be used to measure exactly the amount of movement in an injured joint.
- 6th. The speed of the passive movement can be regulated.

The Arthromotor can be used with good results for the treatment of almost any case of articular stiffness and is especially indicated for the treatment of injuries to the extremities.

It not only reduces the period of idleness following an accident by 50 per cent. or more; but in many cases it prevents a permanent, total or partial disability.

A great record was made in 1905 with this machine by the Roosevelt Hospital of New York City. Over 4,000 treatments were given in that year at the hospital, and cases of fractures and dislocations obtained a complete functional recovery in a remarkably short time.

Cases of Colles fracture, for instance, were nearly always sent back to work 30 days after the acci-



dent. The treatment was begun in these cases from 7 to 10 days after the accident.

Hospitals using this treatment will obtain a rapid functional recovery of their cases of injuries to the extremities and thereby save their patients weeks of idleness and a great deal of suffering, as the treatment is absolutely painless.

SPACE 132.

THE HABBE THERAPEUTIC LAMP CO.

709-710 Omaha Building, Chicago, Ill.

Large Lamp generates 500 degrees of heat with a 50 candle power, specially constructed concentrated globe.

Small Lamp generates between two and three hundred degrees of heat.

Three extra 50 candle power colored globes—red, blue, amber.

One hundred candle power, specially constructed concentrated clear globe where desired for additional light and heat.

Hood scientifically arranged.

Large Lamp and Small Lamp elegantly finished, seamless hood, triple-plated satin finish, silver outside, hand burnished inside.

Large Lamp 14 inches high, base of hood 10½ inches across.

Small Lamp, exact counterpart of Large Lamp and one-half the size.

The Shelton Electric Vibrator. Adaptable to any electric light socket. Japanned black, weight

about three and one-half pounds, incased in velvet-lined carrying case, ten by twelve by four complete, with nine applicators for same.

One alternating current, 60 cycle, same as above, and one alternating current, one hundred and forty cycle, put up same as above.

Two white-lettered on green background canvas signs, in frame, six by fifteen.

One case of applicators, five by seven, and two rheostats, five inches in diameter, to be used in connection with vibrators; also literature.

SPACES 133, 134, 135, 136, and 137.

DOWN BROS., LTD., 21 ST. THOMAS'S STREET, LONDON, ENGLAND.

*Aseptic Hospital Furniture for Operation Theatres and Wards of Hospitals.* Of our own manufacture. We draw attention to the excellence of manufacture and originality of design. In every case the different parts are jointed together by brazing. The joints are thereby made perfectly firm and there is no possibility of their becoming loose, as might occur with screws or rivets. We still particularly draw attention to our "Patent" Aseptic Tables, made entirely of rounded steel tube, showing no projection and leaving no interstice; the bars supporting the glass shelves are depressed at the ends where they meet the uprights, so as to leave no corner in which dirt and fluid might collect; also to the ball-bearing rubber-tyred castors fitted to the tables and other articles of furniture, allowing them to be moved readily and noiselessly about.

*Surgical Instruments of our own Manufacture.* A selection of "up-to-date" models, including the following:

First Aid Box. For use on *Motor Cars*, etc., as made for His Majesty King Edward VII.

Down Bros. Patent Surgical Noiseless Hand Motor, with Drills for Bone Boring, Osteotomes and Saws for skull surgery, etc.

Bone Screwing Instruments, by Mr. Arbuthnot Lane; Bolts and Nuts by Mr. Cuthbert Wallace, Staples and Punches by Dr. Dujarier, for the treatment of set of various-shaped Burs for mastoid operations, un-united fractures.

Artery Forceps, by Dr. Hellier (Leeds), Mr. Burghard, Mr. Cuthbert Wallace, of London.

Needle Holder, by Mr. Arbuthnot Lane, Professor Maccewen.

Stitch Removing Forceps, by Mr. Muirhead Little.

Antral Instruments, Auriscopes, Curettes, Myngotomes, Forceps, etc.

Nasal Dressing Forceps, by Dr. Pegler, Mr. Charters Symonds, Luc's Cutting Forceps for Turbinectomy, Kelliam set of Instruments for sub-mucous operation on the septum, Ballinger's Swivel Knife, etc.

Adenoid Curettes, by Mr. Ballance, Dr. Barr, Beckmann, Kirstein, Macdonald, Dr. St. Clair Thomson, etc.

Antrum Instruments, for the Antrum of Highmore, Drainage Tubes, Drills, Plugs moulded India rubber with introducer, by Mr. Watson Williams. Transillumination Lamps, by Dr. Heryn and Dr. Brown Kelly. Forceps for operation on the Maxillary and Frontal Sinuses, etc.

- Eye Instruments, Curettes for removing lenses of chalky consistence, spoon and spud for ripening immature cataract, by Professor McHardy. Capsular, Cilia, Fixation and Iris Forceps. Cataract, Glaucoma and Iridectomy Knives, new set Sterilizable Drop Bottles, also registered set of Portable Unspillable Drop Bottles suitable for carrying about.
- Laryngeal Forceps, by Mr. Lake and Mr. Watson Williams.
- Tonsil Instruments, Tonsil Knife and Dilating Forceps combined, by Mr. Fitzgerald. Guillotines by Dr. Kelson and Mr. L. McGavin.
- Appendicectomy Clamps, by Dr. Corner and Mr. Howard Kelly.
- Gallstone Forceps and Scoops, by Mr. Makin, Mr. Mayo Robson, Mr. Moynihan and Sir F. Treves. Scoop and Probe for the Cystic Duct by Mr. Moynihan.
- Intestine Clamps, by Mr. Carwardine, Mr. Arbuthnot Lane and Mr. Moynihan.
- Peritoneum Forceps, by Mr. Lenthal Cheatele, Mr. Moynihan, Professor Mickulitz, Mr. Russell Coombe.
- Pile Suture Forceps, by Mr. Barling, of Lancaster, and Dr. Mitchell, of Belfast.
- Sigmoidoscope, with Electric Light, by Professor Strauss.
- Midwifery Forceps, with Axis Traction Arrangement, by Dr. Porter Mathew, also new model by Dr. Williamson with Down Bros. "Registered Clip."
- Uterine Dilators for Puerperal Eclampsia, also Hollowed Conical Dilators.
- Lithotomy Straps, portable appliances, by Dr. Donald Day and Mr. Lucy.

Litbotrites and Evacuation Apparatus, by Dr. Milton of Cairo.

Supra-pubic Apparatus, for supra-pubic drainage, by Mr. Colt, of St. Bartholomew's Hospital.

Cystoscopes, by the late Professor Max Nitz, with Pardoe's new Eye-piece.

Urethroscope, with high illuminating power, currettes, knives and forceps to use with same, by Mr. Wyndham Powell.

Urine Segregator, by Professor Luys.

Pocket Spittoons. The new Registered "Crossley" Sanatorium pattern, designed by Mr. Lloyd Smith.

Anesthetic Apparatus. Various new forms of inhalers.

SPACE 138.

R. V. WAGNER CO., 138 AND 140 WABASH AVENUE, CHICAGO ; 1 MADISON AVENUE, NEW YORK OFFICE.

Manufacturers Mica-Plate Static and X-Ray Apparatus. Physicians' Electrical Supplies.

SPACE 140.

T. A. HOUGHTON & CO., 123 MILL ST., ROCHESTER, N.Y.

This firm will have an interesting exhibit of X-Ray and High Frequency Apparatus ; also a full line of Electrically Lighted Surgical Instruments, designed by some of the most prominent physicians, throughout the United States.

Their X-Ray and High Frequency Machine is designed to be used on an alternating current, and the low price for which this machine is offered places it within reach of everyone. This machine guaranteed for one (1) year, against any

breakdown, is simple to operate, having no mechanical parts to get out of order, and takes the place of the Static Machine, and the large coil. For the treatment of skin diseases, there is no known current that will give such good results as what is known as High Tension: the term suggests its nature. High Tension, i. e., high pressure or tremendous quantity, with a very small flow. The application of currents of this nature, it is well-known, are very beneficial, to almost all disordered conditions of the Muscular and Nervous System, also acting as a constitutional treatment, considering its action on the blood, setting into activity the corpuscles, shuffling off the thickened coatings of the arteries, therefore when a local ailment is under treatment the whole system is being reinvigorated.

They will also have a full line of their Diagnostic Instruments (all electrically lighted), on exhibition, consisting of Urethral Tubes, Auriscopes, Tongue Depressors, Batteries, Controliers, Cystoscopes, and the Celebrated Snell Ayers Cystoscope.

A visit to their exhibit will no doubt greatly interest you, and you will not regret it.

SP/CE 141.

BLOSSOM BABY CLOTHES CO., 190 KING ST.,  
LONDON, ONT.

Blossom Baby Clothes. There are many styles of baby clothes already in use—too many, we think,—but still we purpose introducing another style, which effects a vast improvement on anything heretofore used.

The clothes originated with a mother who became dissatisfied with the way her child was being

clothed, and proceeded to improve upon the existing methods, resulting in the invention of the "Blossom Baby Clothes." The outfit consists of:

1. Bootees that positively will not kick off.
2. A light band to be used until the navel dressing comes off, in place of the usual long, heavy bandage always sewed on.
3. A diaper, oblong, 24 x 27, with 18-inch circular piece attached, so that when folded about 2 inches single material comes up over the back, which serves as a bind and does away with the bulk as in old style, which is usually put on double. The part that absorbs the moisture has eight thicknesses. The material used is genuine diapering cloth, antiseptic and very absorbent.
4. Three garments that can be put on all at once. The shirt is made of Canton flannel, lined with silk as far as it touches the body, seams in-turning, leaving a surface which will not irritate the skin. At the back of the shirt is a pad of absorbent cotton buttoned on so as to be easily removed. Any secretion coming through diaper is absorbed by this pad, keeping child sweet and clean at all times. The second garment is cut same as shirt, fabric of silk and wool warp, giving maximum of warmth with minimum of weight. The outside dress is of jap silk, lined with organdie, cut perfectly plain, same as shirt, but trimmed to give neatness of style. This is a complete outfit and does away with pinning blankets, barrow-coats, petticoats, bandages and "pins," thus giving the child perfect freedom to kick and develop.

The clothes are so compact and convenient that a mother can wash and dress her child in ten minutes.

The materials are specially adapted for babies' clothing, become softer with washing, and are positively unshrinkable.

The whole outfit weighs only fifteen ounces.

**SPACE 142.**

**THE ABBOTT ALKALOIDAL CO., CHICAGO,  
NEW YORK, SEATTLE, SAN FRANCISCO,  
ST. LOUIS ; LONDON, ENGLAND,  
KIMBERLEY HOUSE, 14 HOL-  
BORN VIADUCT, E.C.**

This house manufactures a line of granules and tablets containing a definite quantity of pure alkaloid, glucocide or other active principle, together with a line of carefully selected compounds which are the result of well authenticated experience.

They also manufacture an effervescent salt called Saline Laxative which is a repurified, dehydrated sulphate of magnesia in effervescent combination.

All of which will be found tastefully exhibited in Space No. 142, Avenue BB, on the corridor leading to the Smoking and Reading Room, and directly opposite the Tea Room.

The exhibit will be under the direct supervision of Mr. W. C. Abbott, M.D., of Chicago, with Mr. Sam Featherstone, of Cobourg, Ontario, special representative, in attendance.

Neat samples and literature will be distributed on application.



# *Antiphlogistine*

**(Inflammation's Antidote)**

A HYGROSCOPIC, ANTISEPTIC CATA-PLASM, indicated in all superficial and deep-seated inflammatory and congestive conditions, composed of the finest Anhydrous and Levigated Argillaceous Mineral, Chemically Pure Glycerine, Compounds of Iodine, representing a small percentage of Elementary Iodine, minute quantities of Boric and Salicylic Acids and the Oils of Peppermint, Gaultheria and Eucalyptus.

**The Denver Chemical Mfg. Co.**

CHICAGO  
DENVER  
SAN FRANCISCO

NEW YORK

LONDON  
SYDNEY  
MONTREAL

PHILO BURT MFG. CO.

MAKERS OF SPINAL APPLIANCES

JAMESTOWN, N.Y.

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*Physician representing us at King Edward Hotel  
TORONTO*

# Pioneers in Physiological Standardization

**A** Visit to our Laboratories  
Walkerville, Can., or  
U.S.A., will amply

We will welcome the opportunity  
to show you the progressive  
scientific work in which we  
are engaged as Manufacturing Chemists  
and Biologists.

**Parke, Davis & Co.**

44

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Stall No. 71

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*"The Queen of Table Waters"*

**APENTA**

HUNGARIAN APERIENT WATER"

**KLING APENTA**

**APENTA CARBONATED)**

IN SPLITS ONLY

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*Canadian Agents :*

**WONHAM & SONS, Montreal**

## EXCERPT FROM REGULATIONS.

ALL COMMUNICATIONS SHOULD BE ADDRESSED, AND CHEQUES MADE PAYABLE TO DR. ARTHUR JUKES JOHNSON, 52 BLOOR ST., W. TORONTO, CANADA.

THE NUMBERS, STALLS, ETC., ON THIS PLAN ARE TEMPORARY ONLY FOR THE PURPOSE OF IDENTIFYING SPACE AND FACILITATING LETTING.

THE PRICES OF SPACES FOR EXHIBITING PURPOSES ARE GIVEN IN THE ATTACHED SCHEDULE OF PRICES.

SPACE, AS FAR AS POSSIBLE, WILL BE ALLOTTED AS APPLIED FOR IN ALL APPLICATIONS BEING DEALT WITH IN SEQUENCE, BUT IN ANY CASE SUCH ALLOTMENT IS SUBJECT TO MODIFICATION UNTIL MAY 15<sup>TH</sup> 1919. AS SOON AS POSSIBLE AFTER THAT DATE, PLAN MARKED SHOWING POSITION OF SPACE DEFINITELY ALLOTTED WILL BE SENT TO EACH EXHIBITOR, AND UPON RECEIPT OF CHEQUE TO COVER ALL CHARGES LABELS FOR ADMISSION OF EXHIBITS WILL BE FORWARDED.

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IN APPLYING FOR SPACE, IT IS ONLY NECESSARY TO GIVE THE NUMBER MARKED ON PLAN.

IT WILL GREATLY ASSIST THE MANAGEMENT IN THE ALLOTMENT OF SPACE IF OPTIONAL NUMBERS ARE STATED.

CHAIRMAN OF COMMITTEE  
ON EXHIBITS.

DR. ARTHUR JUKES JOHNSON  
52 BLOOR ST., W.,  
TORONTO, CANADA

### SCHEDULE OF PRICES

No	Sq. FT.	PRICE		No	Sq. FT.	PRICE		No	Sq. FT.	PRICE		No	Sq. FT.	PRICE	
		\$	¢			\$	¢			\$	¢			\$	¢
1	26	75	00	39	28	150	00	77	21	80	00	115	24	50	00
2	31	80	00	40	26	80	00	78	28	85	00	116	28	55	00
3	24	70	00	41	28	70	00	79	21	80	00	117	24	60	00
4	24	70	00	42	28	70	00	80	28	75	00	118	26	65	00
5	24	70	00	43	26	80	00	81	21	75	00	119	21	70	00
6	24	75	00	44	24	75	00	82	28	75	00	120	18	70	00
7	24	75	00	45	24	65	00	83	21	75	00	121	18	60	00
8	24	80	00	46	30	60	00	84	28	70	00	122	18	60	00

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# BRITISH MEDICAL ASSOCIATION

429 STRAND, LONDON, W.C.  
ENGLAND.

THE UNIVERSITY OF  
TORONTO, CANADA.

## 74<sup>TH</sup> ANNUAL MEETING

**TUESDAY AUG., 21<sup>ST</sup>. TO SATURDAY AUG., 25<sup>TH</sup>**  
BOTH DAYS INCLUSIVE

1906

### FIRST FLOOR PLAN

OF

### THE UNIVERSITY OF TORONTO

SHOWING FLOOR SPACE FOR  
EXHIBITION PURPOSES.

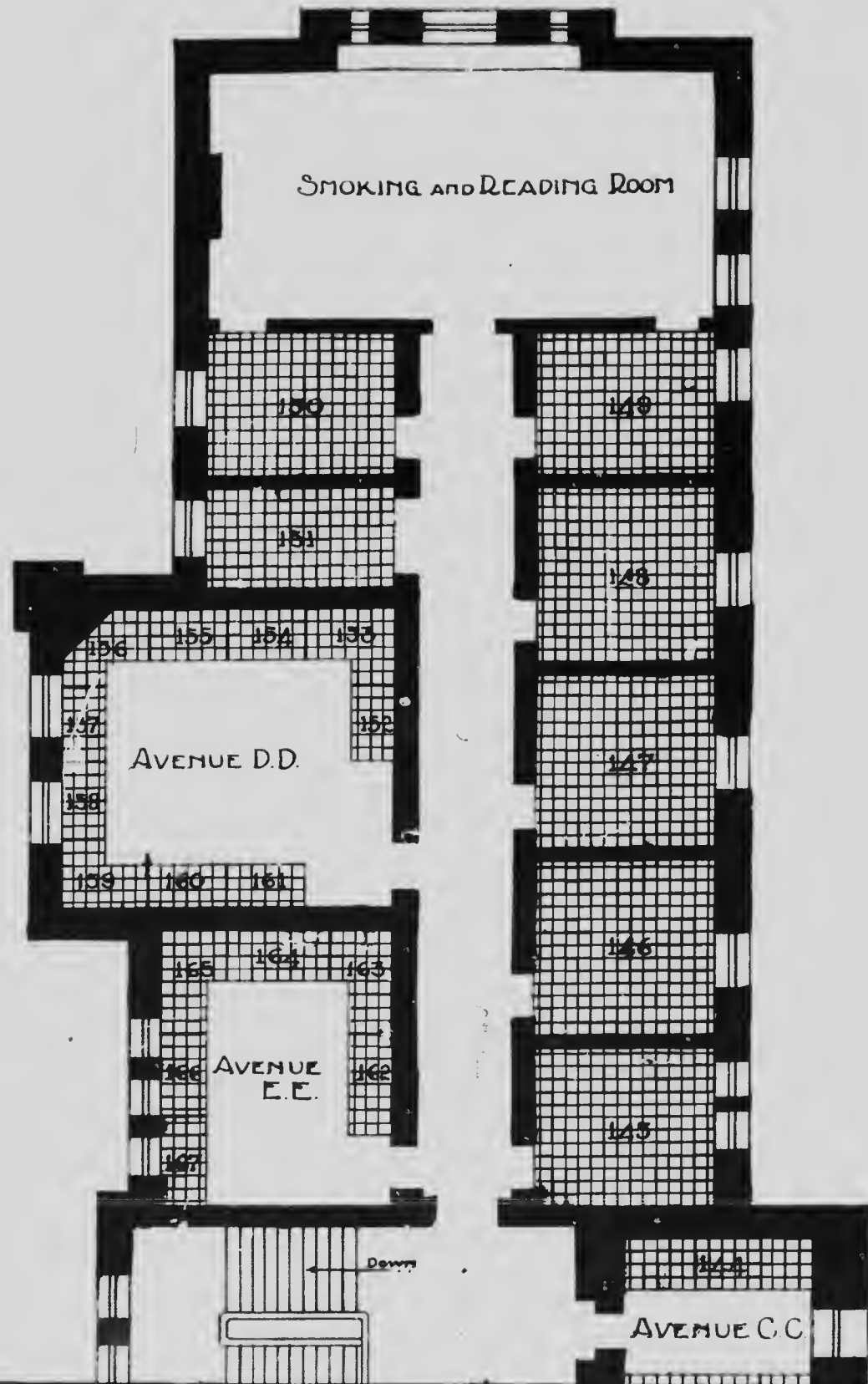
PRICE
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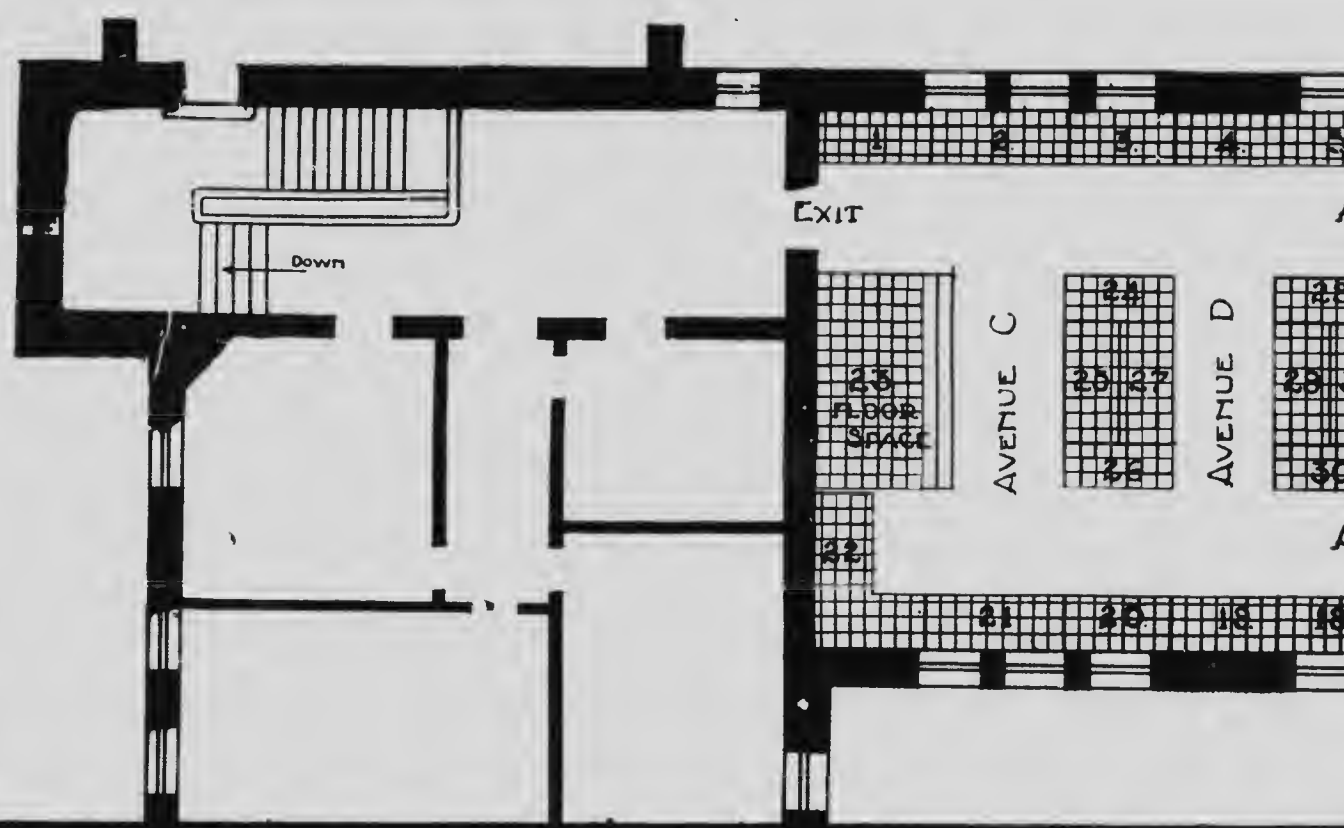
OF TORONTO,  
CANADA.

TH.



7	24	7500	45	24	6500	83	21	7500	121	18	6000	159	31	3500
8	24	8000	46	30	6000	84	28	7000	122	18	6000	160	21	3500
9	31	8500	47	30	6500	85	21	6500	123	18	6000	161	21	4000
10	30	9000	48	24	6500	86	28	6500	124	18	5500	162	28	4000
11	21	10000	49	24	7500	87	21	7500	125	18	5000	163	34	5000
12	21	10000	50	21	10000	88	28	7000	126	18	5000	164	32	3500
13	31	9500	51	33	9000	89	32	7500	127	18	5500	165	34	3500
14	31	8500	52	31	8500	90	28	6500	128	24	5000	166	23	3000
15	24	8000	53	24	8000	91	32	6000	129	37	5000	167	24	3500
16	24	7500	54	24	7500	92	28	6500	130	39	5000	168	28	4000
17	24	7500	55	24	7500	93	26	7500	131	31	5000	169	35	3500
18	24	7000	56	24	7000	94	21	6000	132	24	4000	170	42	3500
19	24	7000	57	24	7000	95	21	6000	133	31	4000	171	30	3000
20	24	7000	58	24	7000	96	24	5500	134	31	3500	172	26	2500
21	31	8000	59	31	8000	97	37	6000	135	33	3000	173	21	2500
22	51	10000	60	56	8000	98	28	5500	136	32	3000	174	21	2500
23	98	10000	61	24	5000	99	28	5000	137	31	3500	175	35	2500
24	21	6500	62	31	6000	100	37	5000	138	31	3500	176	22	2500
25	28	8500	63	31	7000	101	24	5000	139	31	3500	177	22	2500
26	21	6000	64	24	6500	102	21	5000	140	35	3500	178	31	2500
27	28	7000	65	24	7000	103	21	5500	141	38	3500	179	21	2500
28	21	6500	66	24	7000	104	29	6000	142	31	3500	180	24	3000
29	28	7000	67	24	7500	105	18	5000	143	58	5000	181	27	3500
30	21	6500	68	24	7500	106	24	7500	144	58	5000	182	27	3000
31	28	7000	69	24	8000	107	21	7000	145	*105	10000	183	311	
32	21	8000	70	31	8500	108	30	7000	146	*113	10000	184	181	
33	28	7500	71	33	9000	109	24	6500	147	*113	10000	185	181	50¢ PER SQ. FT.
34	21	8000	72	21	10000	110	28	6000	148	*113	10000	186	181	
35	28	8500	73	21	10000	111	28	5500	149	*92	10000	187	181	
36	21	10000	74	28	15000	112	28	5500	150	*96	10000	188	262	
37	28	9000	75	21	10000	113	24	5000	151	*65	7500	189	240	
38	21	10000	76	28	9000	114	35	5500	152	21	4000	190	253	

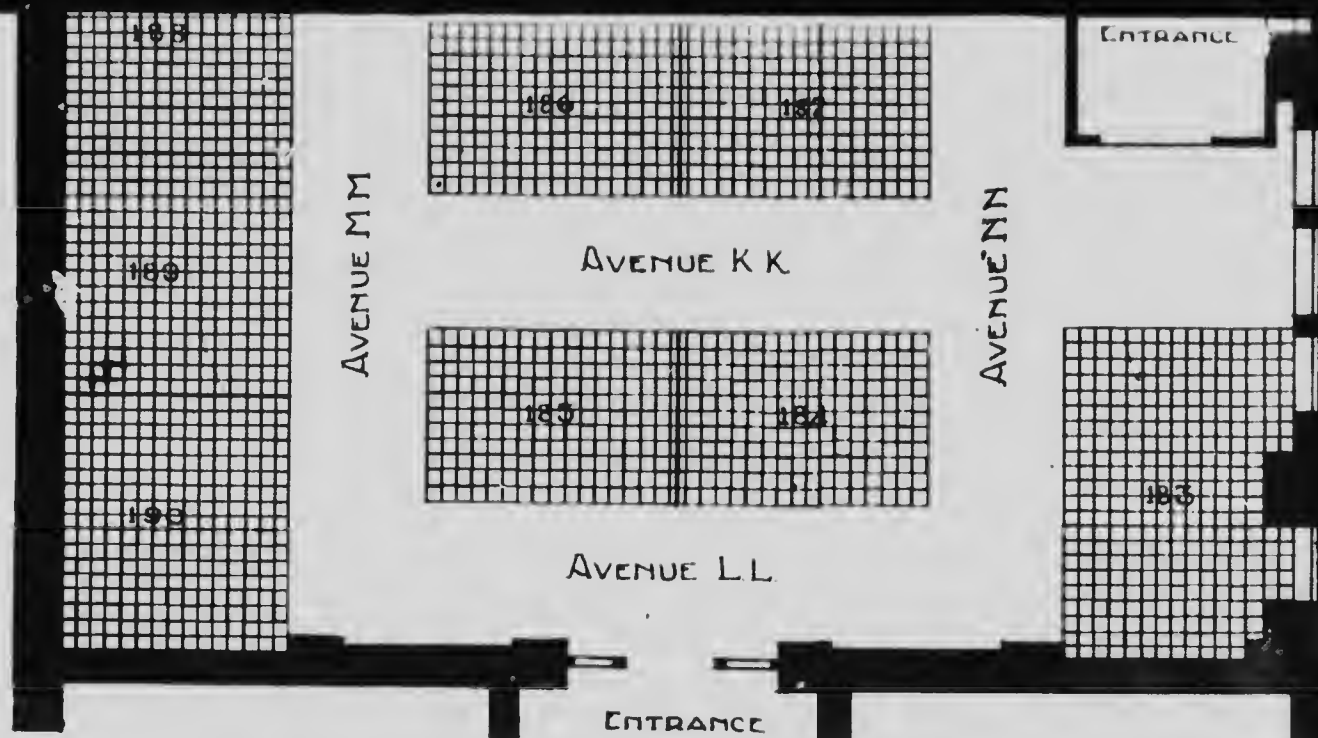
NOTE: THE MARK \* BEFORE THE NUMBER OF SQ. FT. DENOTES  $\frac{2}{3}$  OF THE TOTAL AREA; SPACE AVAILABLE FOR EXHIBITING PURPOSES.



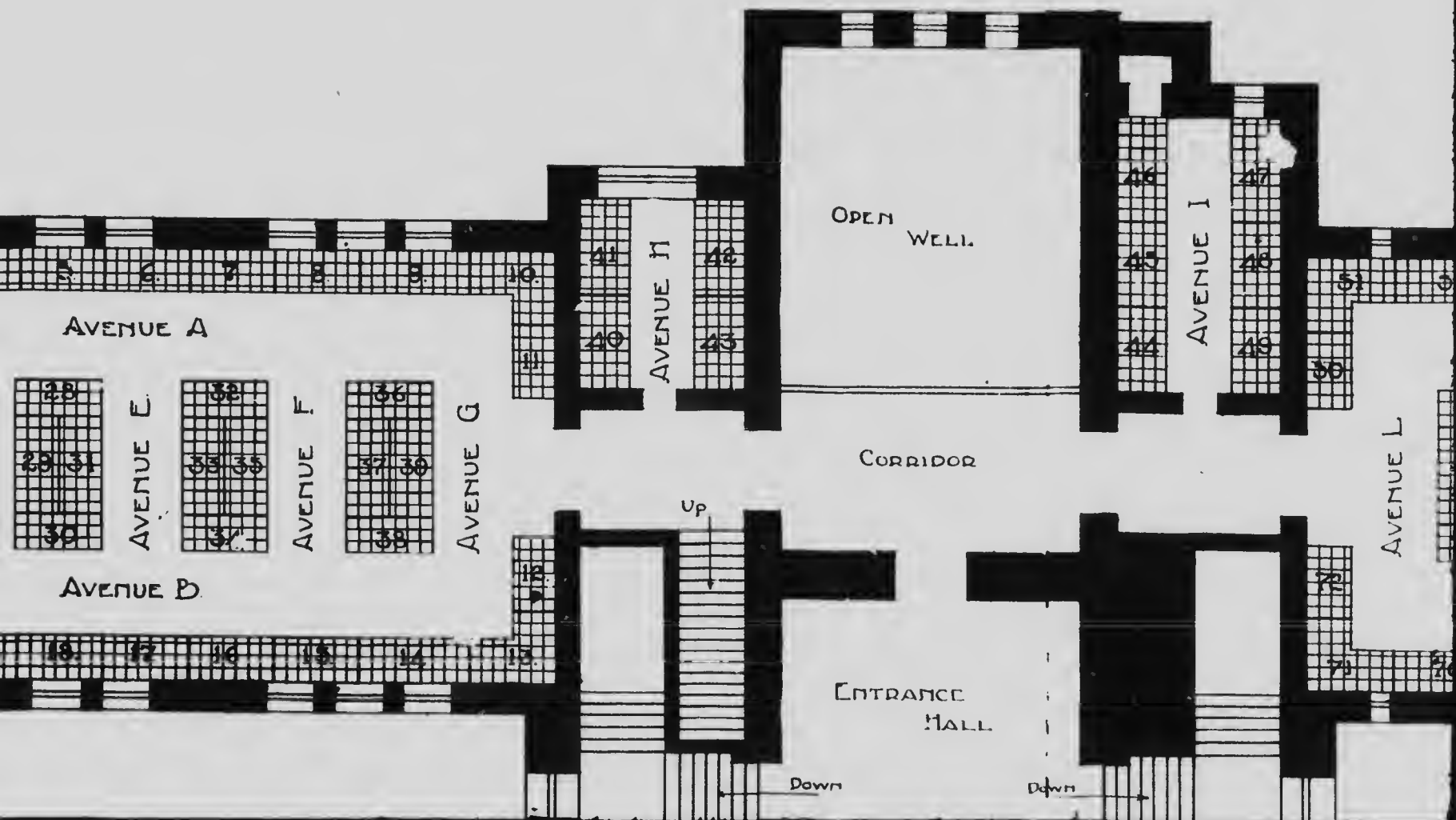


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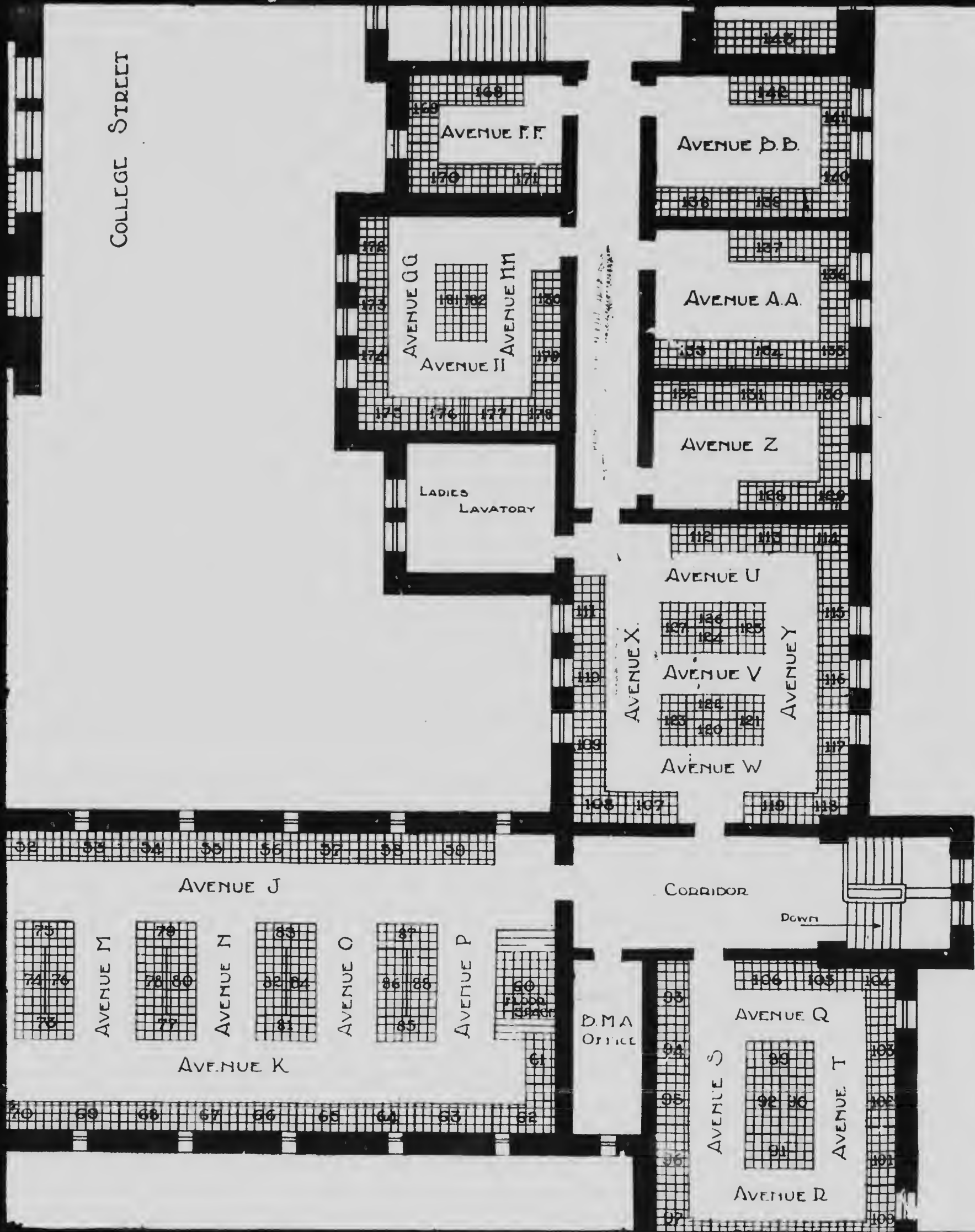
50' PER SQ FT.



PLAN OF FLOOR SPACE IN NEW SCIENCE BLDG. ON THE UNIVERSITY GROUNDS



COLLEGE STREET





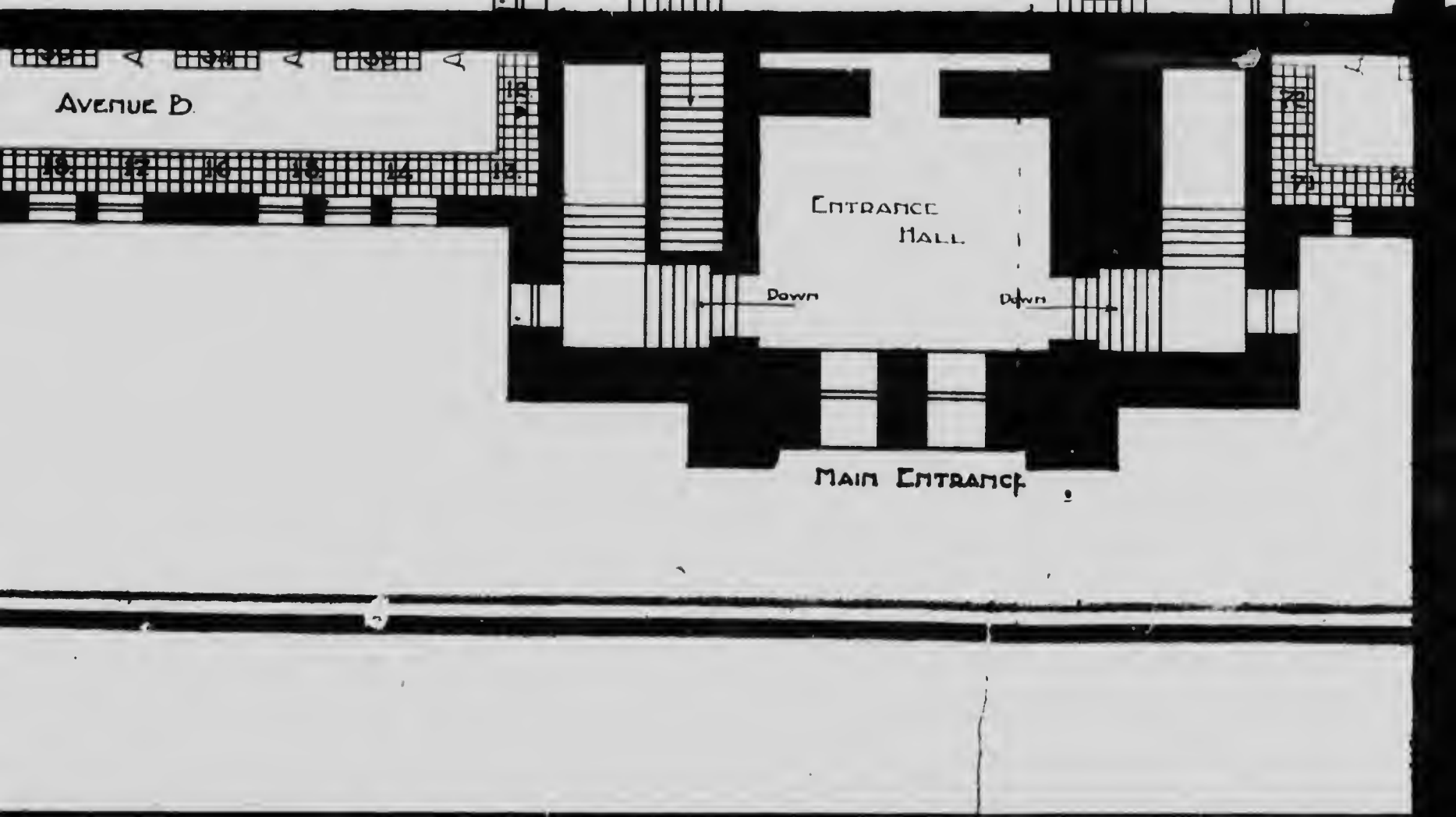
AVENUE D.

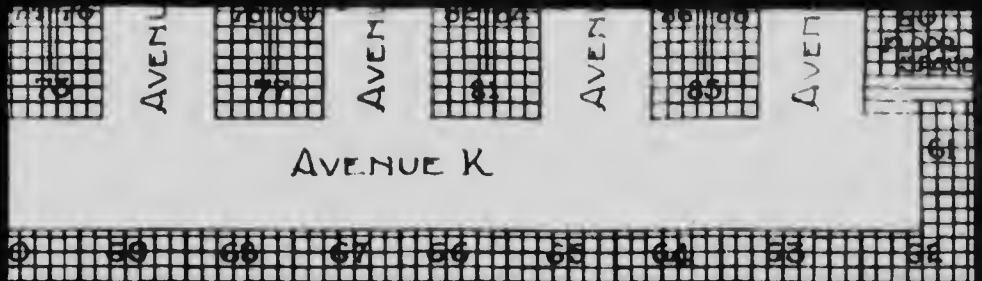
ENTRANCE  
HALL

Down

Down

MAIN ENTRANCE





DMA  
OFFICE

