

\$3.00
PER
ANNUM

50¢
PER
COPY



THE HOSPITAL WORLD

Vol. XIV (XXIV) Toronto, August, 1918


No. 2

CONTENTS

	Page		Page
EDITORIAL.			
The Huns Bomb More Canadian Hospitals	33	Nurses' Graduation, Toronto Hospital for the Insane	47
SOCIETY PROCEEDINGS.			
The British Hospitals Association—Report of the Council for the Year 1917	36	Wellesley Hospital (Toronto), Graduating Exercises	49
CANADIAN HOSPITALS.			
Grace Hospital, Toronto, Graduating Exercises	41	Winnipeg General Hospital	50
Royal Alexandra Hospital (Fergus, Ont.), Graduating Exercises.....	44	Toronto General Hospital and Toronto Hospital for Incurables Receive Large Bequests	50
New Nurses' Home for Queen Alexandra Sanitarium, London, Ont...	45	Llewellyn Maternity Hospital, Oshawa	51
		Prince Edward Island Hospital.....	51
WAR HOSPITALS.			
		Some Buildings Planned on Rosedale Hospital Site	52
		Hospital Presented to France by Canada	52
		Buffalo Hospitals Burn	55

R Syrupus Hypophosphitum Comp. FELLOWS

It is not unusual to meet the claim that other preparations are "just as good" as FELLOWS, but no one has met the preparation which rightly claimed to be better than FELLOWS. For over fifty years FELLOWS' SYRUP has maintained its supremacy as the standard preparation of the *Compound Hypophosphites*.

Reject  Cheap and Inefficient Substitutes
Preparations "Just as Good"



LISTERINE

A trustworthy, unirritating solution composed of volatile and non-volatile antiseptics; extensively and satisfactorily employed in dilution up to 25% as a wet dressing for surgical and accidental wounds.

LISTERINE

Suitably diluted, applied by injection, douche or spray, often serves a useful purpose in catarrhs and conditions involving hypersecretion from mucous surfaces. It is an efficient deodorizer.

LISTERINE

On account of its boric and benzoic acid constituents, forms a suitable lotion in dermatitis following vaccination. In various cutaneous disorders, its use allays excessive itching or irritation, and promotes cleanliness while exercising its antiseptic effect.

Descriptive literature on request

Lambert Pharmacal Company
 Twenty-first and Locust Streets
 66 Gerrard Street, E.

St. Louis, Mo., U.S.A.
 Toronto, Ont.

HAY FEVER Successfully Treated with Bacterial Vaccines

POLLEN irritation and breathing of the hot, dust-laden atmosphere favors the development of pyogenic bacteria in the respiratory tract which then become a primary factor of the disease.

Experience shows that the immunizing influence of an appropriate bacterin will either cure the disease or so modify it that it causes but little distress. Use Sherman's Number 40.

Write for literature.

MANUFACTURER
 OF
 BACTERIAL VACCINES

G. H. SHERMAN, M.D.
 Detroit, Mich.
 U.S.A.

Ether for Anaesthesia

HARTZ

**AN ETHER SPECIALLY PREPARED
AND PURIFIED FOR ANAESTHESIA**

By a new process invented by

PROF. G. MICHAELIS

This new process enables us to place with the Profession an Ether far superior to any Ether heretofore sold. By it, impurities, which have up to the present been found in small quantities in the best ethers, have been entirely eliminated.

**A SIMPLE TEST MAY BE APPLIED TO
PROVE THE SUPERIORITY OF OUR ETHER**

If 10-CC of our Ether be shaken with 1-CC of Nessler's reagent, the reagent will not show more than a faint opalescence; while if the same test is applied to other ethers the reagent will at once turn dark, due to the impurities which they contain.

*We Guarantee the Quality of Our Ether
and Solicit Your Trial Order*

SPECIAL HOSPITAL PRICES FOR QUANTITY

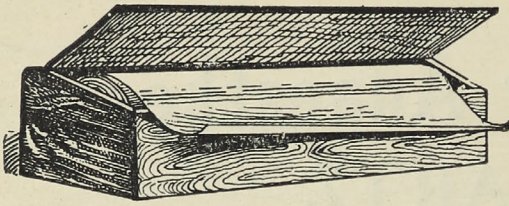
THE J. F. HARTZ CO., LTD.

Physicians' and Hospital Supplies

TORONTO

CANADA

When writing advertisers, please mention The Hospital World.



**FOOD
CONSERVATION
IN
HOSPITALS**

By the use of **PARA-SANI WAXED PAPER**

Hospital Stewards can save a great deal of food. This article is made of good paper, heavily waxed. It preserves the freshness and flavour of food in a most effective manner, being moisture, dust and germ proof. It keeps the moisture in and the dry germ-laden air out. Used to cover all articles of food that are necessarily exposed when being conveyed from the kitchen to the ward will mean that the patients will relish their tray much more. PARA-SANI WAXED PAPER is ideal for use in the pantries of hospitals or private homes. It can be supplied in rolls contained in a handsome box protecting from all dust.

APPLEFORD COUNTER CHECKBOOK CO., LIMITED

Hamilton

Toronto

Ottawa

Montreal

Winnipeg

Calgary

Vancouver

HOLBROOK'S

Imported Worcestershire Sauce

Protect your health by using pure food products. Our sauce is made and bottled in England, and imported under seal. The high-grade ingredients used in the manufacture gives that full, rich body to the sauce similar to well-matured wines. We have been brewing our own Malt Vinegar to make this sauce since the year 1798.

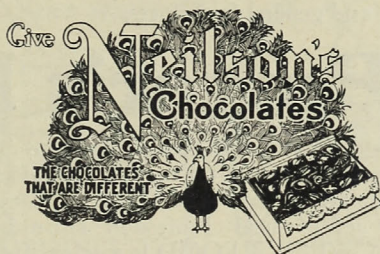
Rose's Lime Juice

is every day becoming more popular. This Lime Juice is produced from the very choicest Limes grown in the West Indies. It also possesses such valuable medicinal properties that the medical profession in every part of the world strongly recommend it for purifying the blood and assisting digestion. All sizes in stock.

HOLBROOKS LIMITED

TORONTO, CANADA

When writing advertisers, please mention The Hospital World.



IN advertising Neilson's Chocolates to readers of "The Hospital World" we are sensitive to the fact that the things that most interest them about a food product are: the purity of the materials, the conditions under which they are manufactured, and the ultimate quality of the finished product.

We have this to say therefore:

We only select cocoa beans from which all foreign matter has been removed. Our sugars are of a high-grade refining. Choice nuts and fruits only are put into our centres. Creams and "boiled hard centres" are made from pure cane sugar.

We do not use artificial flavoring at any stage of manufacture, and our packing is done under most sanitary conditions.

We invite inspection of our factory and processes.

William Neilson Limited
Gladstone Avenue, Toronto

PHYSICIANS WILL FIND that, where cow's milk disagrees with the baby, causing diarrhoea and cramps with intermittent crying during the night, tense abdomen and general fretfulness,



Porter's Food

will immediately give satisfaction. The baby will commence to pick up right away and within a few weeks the symptoms of marasmus will commence to disappear. The Medical Profession should remember that PORTER'S FOOD is a **scientific preparation**, being specially prepared from wheat flour and oatmeal.

Invalids and Nursing Mothers will derive the greatest of benefit from PORTER'S FOOD, as it is most easily digested, nutritious and satisfying. It is a valuable addition to the household economy, being very useful as a gruel where solid food is not advisable. It can also be used for making custards or soups, adding nutriment to any kind of warm beverage.

Porter's Food is a Canadian product and can be obtained all the year round.

PORTER FOOD COMPANY

Originated 1888, Wigston, Leicester, England

Winnipeg, Manitoba, Canada

Eastern Representative: S. K. PETERSON, 337 King St. W., Toronto, Ontario

HOSPITAL SUPERINTENDENTS

desiring to do entirely away with Boiler Scale, with its attendant dangers and inconvenience, eliminating the expensive stoppage of machinery, so frequently necessary when scale is permitted to form in a boiler, should look into the merits of

THE MYERS AUTOMATIC BOILER CLEANER

By its use, all impurities in the water are precipitated to the bottom, the clarified water rises into the piping and is conveyed to the bottom of the boiler entirely freed from scale-forming elements.

Hospitals installing this splendid device *take no risk*, every purchaser being given the opportunity of thoroughly trying the MYERS AUTOMATIC BOILER CLEANER before paying for it.

Full particulars from

C. B. TURNER & CO.

58 PETER STREET (rear)

Phone College 7668

TORONTO

When writing advertisers, please mention The Hospital World.

KEATING'S POWDER
HELPS CONSERVE THE NATION'S HEALTH



All insects, to a greater or less extent, are a menace to human well-being. Everywhere that cleanliness and sanitation are paramount, Keating's Powder is considered an essential. No insect can live, once it comes into proper contact with Keating's. It is fatal to

- Flies
- Fleas
- Mosquitoes
- Ants
- Wasps
- Beetles
- Bugs
- Cockroaches
- Moths

—but harmless to human or animal life.

Every Public Building Needs Keating's
Made by **THOMAS KEATING, London, England**
Established 1788

SOLE AGENTS FOR CANADA
Harold F. Ritchie & Co., Limited
10 McCaul Street, **TORONTO, ONT.**



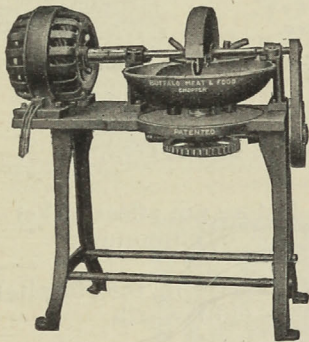
Why you should prescribe

PLUTO

The absence of griping from PLUTO WATER is due to the fact that it acts as an intestinal bath rather than by irritating the mucosa as do vegetable cathartics and calomel. The advantages of this kind of an elimination are apparent, especially so when the continued use of laxatives is necessary.

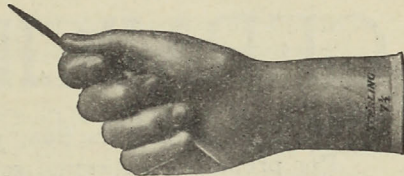
Samples and diet lists free to physicians.
FRENCH LICK SPRINGS HOTEL CO.
FRENCH LICK, INDIANA
HAROLD F. RITCHIE & CO.
Agents and distributors for Dominion of Canada

Great Food Saver



Food Chopper that does not mash the food. Does work of ten men. Saves unlimited amount of food, time and labor.

JOHN E. SMITH'S SONS CO.
BUFFALO, N.Y. - U.S.A.



INSIST ON GLOVES BRANDED

STERLING

MADE IN CANADA

FOR MAXIMUM SERVICE AT
MINIMUM COST

Specialists in the manufacture of
Seamless Rubber Goods
Of Every Description

THE ONLY MAKERS OF
Seamless Rubber Gloves
IN CANADA

Sterling Rubber Company Limited
Guelph



We Believe

- ¶ There is a right way to do everything.
- ¶ There should be a special product to meet a special need.
- ¶ We have used these ideals to guide us in making our

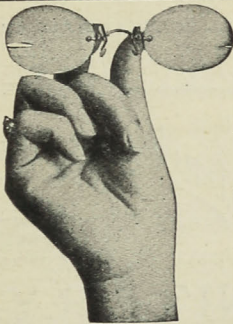
Pocket Sputum Flask "C"

A suggestion from you as to your requirements will enable us to quote attractive prices.

Burnitol Manufacturing Co.

37 No. Market Street
CHICAGO, ILL.

Everett Station
BOSTON, MASS.



ARTIFICIAL EYE AID

If it were not for the Eyeglass, the Spectacle and the combination of lenses, Scientists and the world would be laboring in darkness.

TORONTO OPTICIANS, Limited
6 BLOOR STREET EAST Corner of Yonge Street
PHONE NORTH 2824 TORONTO

Oculists' Prescriptions Filled
LENSES GROUND ON THE PREMISES

Sal Hepatica

Effervescent Saline Combination
Laxative & Eliminant

BRISTOL-MYERS CO.
NEW YORK

WHEN ORDERING

Hospital Sheeting	Ice Bags	Ice Caps
Hot Water Bottles	Atomizers	Syringes
Rubber Tubing	Breast Pumps	Catheters
Surgeon's	Invalid Cushions	Colon
Bandages	Operating	Tubes
Umbilical Belts	Cushions	Pessaries
	Vaginal Douches	Urinals

SPECIFY OUR BRANDS

We are the only Makers of these Goods in Canada



CANADIAN CONSOLIDATED RUBBER CO.
LIMITED
MONTREAL - - P.Q.

28 "Service" Branches Throughout Canada

Superior Electrically Lighted Instruments

Diagnostic instruments bearing the stamp "E.S.I. Co." are manufactured by the originators and exclusive manufacturers of the most valuable diagnostic instruments known to the profession. They are designed by eminent physicians and are warranted mechanically and electrically perfect.

Holmes Naso-Pharyngoscope
Jackson Bronchoscopes and Laryngeal Specula
Tuttle and Lynch Procto-Sigmoidoscopes
Braasch Cystoscopes
Koch, Swinburne and Young Urethroscopes,
Etc.



Battery

E. S. I. Co. instruments may be operated by 8-oz. pocket battery or socket current controller. The E. S. I. Co.

General Diagnostic Outfit

includes the most generally useful instruments. This outfit weighs $4\frac{1}{2}$ pounds and measures $3\frac{1}{2}$ x 7 x 15 inches. It is compact and easily carried.

Illustrated and descriptive catalogue sent upon request.

Be sure of our exact name
Electro Surgical Instrument Co.
ROCHESTER, N. Y.

PHYSICIANS PREFER

GLOSS

Satinette

FLAT

WHITE ENAMEL

SANITARY

WASHABLE

DUSTPROOF

ARTISTIC

Will Not Turn Yellow

Elastica The Perfect Floor Finish
Send for Sample Paper

INTERNATIONAL VARNISH CO.
INCORPORATED

TORONTO

ONTARIO

When writing advertisers, please mention The Hospital World.

An Invitation to the Readers of "Hospital World"

We are particularly anxious to meet any person who is interested in the laundry problem of a Hospital or Institution. Whether you intend purchasing or would merely like to know how other large Hospitals or Institutions solve their laundry problem, we would be glad to explain and demonstrate the working of our machines and laundry equipments; especially the Institutional Outfit which we have been advertising in "Hospital World." You need have no fear that you will be in any way placing yourself under obligation to us. We are only glad to be of help.

For over twenty years we have been studying and manufacturing Washing Machines and Laundry Equipment. We now have the most complete and up-to-date line of machines and equipment on the market—at moderate prices.

MAKE OUR EXHIBIT YOUR HEADQUARTERS

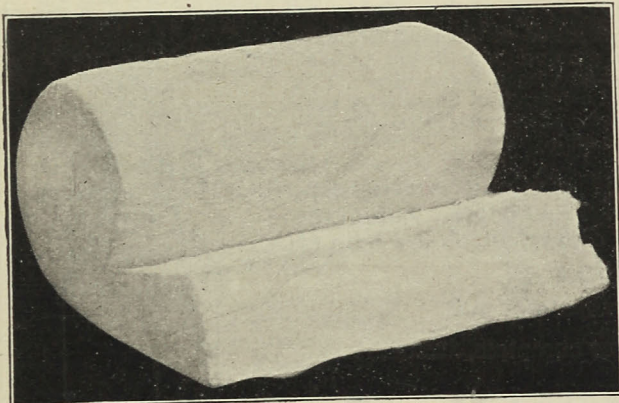
We are quite sincere when we ask you, when you visit Toronto Exhibition, to make our Exhibit your headquarters. Make appointments to meet your friends at our exhibit. We want you to call upon us freely for help or information. You will find us in the Manufacturer's Annex, No. 2—just beneath the Grand Stand.

"1900" WASHER COMPANY

357 Yonge Street, Toronto

CELLUCOTTON

The Perfect Substitute for Absorbent Cotton



Authoritative tests show the absorbing qualities equal the best cotton; that it bulks in shipping form three and a half to four times as much, absorbs five times quicker, retention practically equal. Extensively used by War Organizations and the larger hospitals.

*Samples and prices
on request*

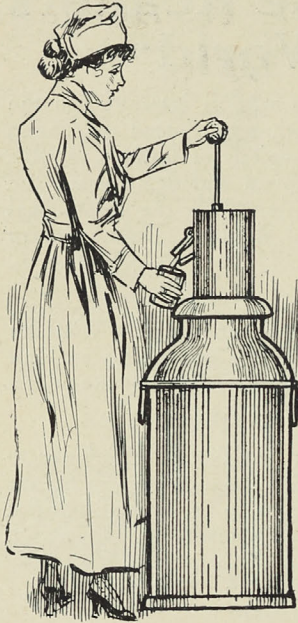
KIMBERLY-CLARK COMPANY

CHICAGO OFFICE
208 So. La Salle St.

MAIN OFFICE
NEENAH, WIS.

NEW YORK OFFICE
51 Chambers Street

When writing advertisers, please mention The Hospital World.



MODERN SANITATION DEMANDS THIS DIPPER OUTFIT

The multiplication of germs in milk is unbelievably rapid. One moment's exposure to the air and a whole can may be contaminated. Do away with the old method of removing cover, dipping and replacing cover. With the

LYONS SELF-POURING MILK DIPPER

the milk is permanently protected from the air. It can be placed on any ordinary milk can in a second and is not removed until the can is empty.

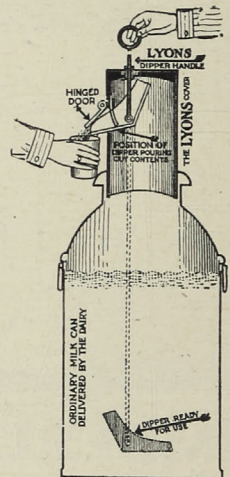
When the dipper handle is raised to the top the dipper tilts over automatically, pouring the milk out through the opening which is covered with a hinge door. This door is also automatic in its operation. Sanitarily constructed and easily cleansed, as the dipper is the only part that comes in contact with milk.

The LYONS DIPPER eliminates waste, slop, spilling, dirt, germs and foul odors. This outfit consists of cover and dipper, which are both of copper, highly nickeled.

Made in two sizes, for glass or pint.

Price, cover and dipper complete, \$25.00.

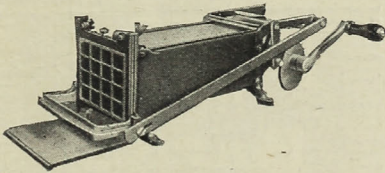
Lyons Sanitary Urn Co.
22 East 21st Street NEW YORK CITY



When writing advertisers, please mention The Hospital World.

The Automatic Individual Butter Cutter

The machine that saves time and butter and gives satisfaction



Cuts tub or any other form of butter into perfectly formed patties ready to serve. 26, 32, 35, 40, 48, 60, 90 pieces to the pound can be obtained with this machine.

Write us for full information

Glidden Manufacturing Company
MAKERS
55 Broadway Beverly, Mass.

As an auxiliary in the treatment and prevention of pyorrhea

PYORRHOCIDE

POWDER
(Antiseptic)

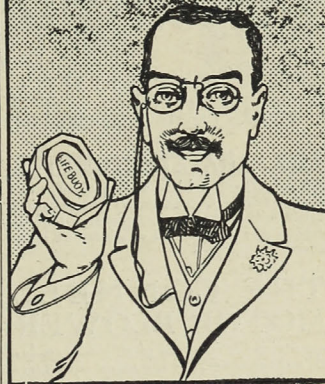
has demonstrated its effectiveness to the medical and dental professions, for many years, at free clinics devoted exclusively to oral prophylaxis and the treatment of

PYORRHEA

Copy of our latest publication entitled "Causes and Effects of PYORRHEA—Its Treatment and Prevention by the Dentinol and Pyorrhocide Method" will be mailed on request.

THE DENTINOL & PYORRHOCIDE CO.
Incorporated

1480 Broadway - - - New York

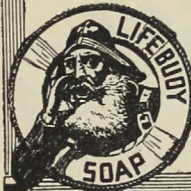


More than Soap

Lifebuoy Soap is a perfect soap and a perfect antiseptic acting together in perfect unity. Its rich, abundant lather makes it a delight to use.

LIFEBUOY HEALTH SOAP

Protect your health by washing your hands and face with it—by bathing and shampooing with it. The mild antiseptic odor quickly vanishes after use.



Lever Brothers Limited
TORONTO
AT ALL GROCERS

170

Investigate

THE CONNELL Gas Oxygen Apparatus

THE ANAESTHETOMETER

An apparatus which automatically delivers any volume and percentage of ether vapor with mathematical accuracy and increases the safety and efficiency of ether vapor Anaesthesia.

THE CONNELL MOTOR BLOWER

maintains the standard of efficiency set for all our machines. It has many advantages over those on the present market.

SEND
FOR
THIS
BOOK



IT
IS
FREE

Sign and Mail
The Coupon
To-Day

ANAESTHESIA
Scientific Apparatus Co., New York
Gentlemen:
Please send me at once a copy of
"Scientific Anaesthesia."

In those Hospitals where the most advanced methods of feeding babies are practised

**Brooks'
Baby
Barley**

is used by direction of the eminent Infant Specialists at the head of these institutions.

Among a great number we name a few :

Sick Children's Hospital, Toronto
The Infants' Hospital, Boston
Babies' Hospital, New York
Mt. Sinai Hospital, New York
St. Christopher's Hospital for Babies,
Brooklyn
Children's Hospital, Philadelphia
Johns Hopkins Hospital, Baltimore
St. Vincent's Infant Asylum, Baltimore.
St. Mary's Infant Asylum, Buffalo
Michael Reese Hospital, Chicago
St. Louis Children's Hospital, St. Louis

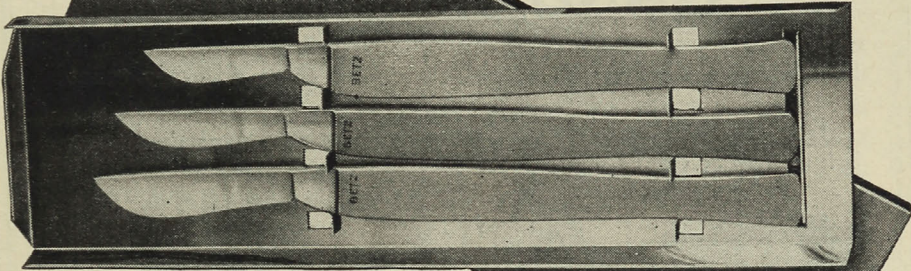
Agents for Canada :

Harold F. Ritchie & Co., Ltd.
TORONTO

Made by Brooks Barley Co., Boston, Mass.

WEISS PATTERN OPERATING KNIVES

Set of three in nickel plated case \$2.25



OUR operating knives are made of the finest grade of tempered steel by expert craftsmen. Carefully shaped, tempered and ground to a razor edge. The longest knife is 6¼ inches long. An unconditional guarantee of satisfaction accompanies each knife.

FRANK S. BETZ COMPANY, HAMMOND, INDIANA

CATALOGUE "C"

WRITE FOR IT,
FOR HOMES OR HOSPITALS
FOR CARRYING PATIENTS UP OR DOWN STAIRS,

CAN ALSO BE USED ON THE LEVEL
BY DETACHING CARRYING BARS,
MAKES A FIRST CLASS

LIBRARY VERANDAH
OR SMOKING ROOM CHAIR.

THE
GENDRON
MFG. CO.
LIMITED

TORONTO
Canada.



COWAN'S COCOA IS ABSOLUTELY PURE

As a sick-room beverage Cowan's Cocoa is highly recommended on account of its high quality and absolute purity. It is made of the best selected cocoa beans, scientifically blended, and contains no foreign elements. And it is prepared in a large modern factory where the most sanitary conditions are maintained.

THE COWAN CO., LIMITED
TORONTO

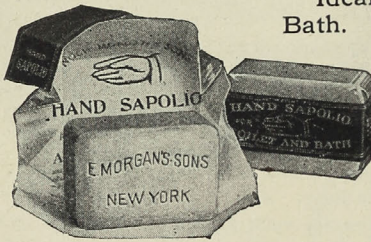
*An Ideal Soap
for Toilet and Bath*

The Totally Different Soap
HAND SAPOLIO
(Sapolio Toilet Soap)

is different in material, in action, in results, from ordinary toilet soaps.

One cake will show the reason for its many friends—steady use brings skin contentment.

Ideal for the Toilet. Perfect for the Bath. You should try it to-day.

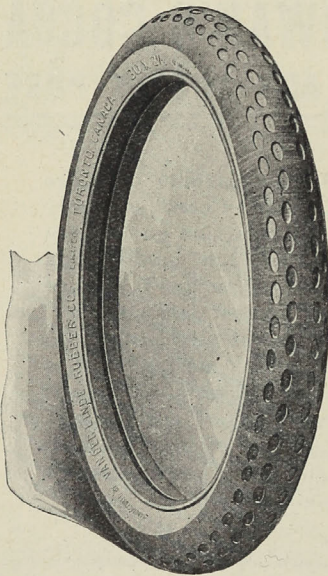


ENOCH MORGAN'S SONS CO.
New York, U.S.A.

Canadian Selling Agents excepting
British Columbia

HAROLD F. RITCHIE & CO., Ltd.
Toronto, Ont.

Doctor! Let Us Prescribe for You



YOU suffer frequently from painful experiences due to blow-out, puncture, etc., causing considerable mental anguish, accompanied by loss of temper and words that are—well, not always "according to Hoyle." Such symptoms will not recur if you allow us to suggest the use on your car of

V. D. L. TIRES

Every one of these Tires are super-size and have a thicker wall and larger air space than any fabric tire of the same size on the market, thus **guaranteeing more miles and greater comfort**, saving jarring of the passenger with economy in gasoline.

You will be delighted with V. D. L. TIRES and TUBES, they being guaranteed free from defect in workmanship or material.

Doctor, try our prescription this time. If you do so, we know that it will be repeated indefinitely. Inquire from your dealer.

VAN DER LINDE RUBBER CO.
Toronto, Canada

When writing advertisers, please mention The Hospital World.

Doctor

When in trouble, whether it be a blow-out or a puncture, whether you require a section to be vulcanized into your cover or tube, no matter how large or how small the job may be, call us up (North 650) or drop in and see us. We will fix you up at once and at little cost.

**THE
IMPERIAL VULCANIZING
CO.**

569 Yonge St. - Toronto

SANITARY PAPER TOWELS

Use **Interlake** paper towels in kitchen, garage and office. They are economical, and when used in public places assist in preventing contagion. They are put up under three qualities—the first, **Protectu** brand; second, **Hygenia** brand, and third, **Purity** brand.

Interlake paper napkins are now being used extensively in homes and in public institutions.

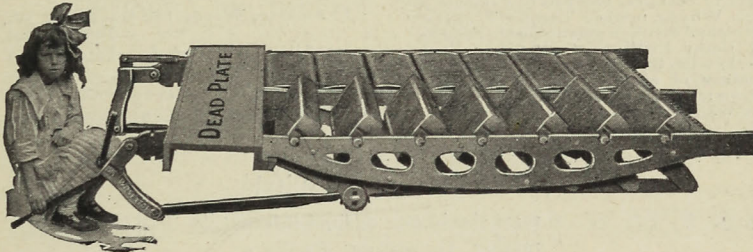
Ask your dealer or departmental store for our lines.

Interlake Tissue Mills Limited
Toronto and Merritton

FIRE BRICK WORK

All institutions desiring to get best results from, and reduce, their coal consumption, saving fuel and keeping their wards, corridors, etc., at a more equable temperature should look into the merits of

The Sexton Nonpareil Shaking and Dumping Grate Bar



It will save its cost in a short time and will increase the efficiency of your boilers. It is made in Canada and is by all odds the best and cheapest in the long run. It will burn the cheapest of fuel.

Our Boiler Repair Department is always at your service and all of our work is guaranteed to pass Government inspection
MANUFACTURERS

THE W. R. SEXTON BOILER SETTING CO.
127 D'ARCY STREET, TORONTO
Phone "College 682"

When writing advertisers, please mention The Hospital World.

*Pure Whisky
for medicinal purposes*

When a physician prescribes whisky

as a stimulant it is important, in the interests of the patient, that the BRAND be specified in order that only pure, wholesome whisky may be used.

CORBY'S

Special Selected Whisky

recognized as The Quality Whisky of Canada, is distilled from selected grain of the most desirable quality, and after distillation is rectified to remove the fusil oil, aldehydes and other deleterious matter. **Foreign whiskies are not rectified in this manner.**

Dr. Milton Hersey

Government Analyst for the Province of Quebec, reports as follows:
"I hereby certify that I have conducted a careful chemical analysis of a sample of Rye Whisky marked 'Corby's Canadian Whisky,' distilled and bottled in bond by H. Corby Distillery Company Limited, Corbyville, Ontario. I find it to be a pure whisky of excellent flavor, and can recommend it to those desiring a pure rye whisky."

These Government Vendors

will supply Corby Whiskies for medicinal purposes, upon presentation of doctor's certificate:

T. Ambrose Woods, 1269 Dundas St. W.,
Toronto, Ont.

Jas. Giles, 112 Church St., Toronto, Ont.

W. Cleland, 29 Charles St., Hamilton, Ont.

E. B. Smith, 421 Talbot St., London, Ont.

L. N. Bates, 109 Sparks St., Ottawa, Ont.

Physicians or Hospitals

may obtain any desired information regarding Corby's Whiskies, by writing to

H. CORBY DISTILLERY COMPANY

LIMITED

SHAUGHNESSY BUILDING, MONTREAL

The Hospital World

(Incorporating The Journal of Preventive Medicine and Sociology)

Toronto, Canada

A Journal published in the interests of Hospitals, Sanatoria, Asylums, and Public Charitable Institutions throughout the British Empire.

Editors :

JOHN N. E. BROWN, M.B. (Tor.), Ex-Sec'y American and Canadian Hospital Associations. Former Supt. Toronto General and Detroit General Hospitals.

W. A. YOUNG, M.D., L.R.C.P. (London Eng.), Toronto Ont. Consultant, Toronto Hospital for Incurables.

Associate Editors :

"Hospital Maintenance and Finance"

C. J. C. O. HASTINGS, Medical Health Officer, City of Toronto; HELEN MAC-MURCHY, B.A., M.D., Assistant Inspector of Hospitals, Province of Ontario; and MR. CONRAD THIES, late Secy., Royal Free Hospital, London, England.

"Hospital Equipment and Appliances"

N. A. POWELL, M.D., C.M., Senior Assistant Surgeon in charge Shields' Emergency Hospital, Professor Medical Jurisprudence Medical Department, University of Toronto.

"Hospitals and Preventive Medicine"

J. W. S. McCULLOUGH, M.D., Chief Officer of Health for the Province of Ontario.
J. H. ELLIOTT, M.D., Asst. Medicine and Clinical Medicine, Univ. of Toronto.
P. H. BRYCE, M.D., Chief Medical Officer, Dept. of The Interior, Ottawa.

All Communications, Correspondence, and Matter regarding Subscriptions and Advertisements TO BE ADDRESSED TO "THE HOSPITAL WORLD," 145 COLLEGE ST., TORONTO, ONT.

Reprints, including Half-tones, etc., Supplied Authors at Net Cost.

"Nursing Department"

MISS MARGARET CONROY, Boston, Mass.

"Hospital Construction"

CHRISTIAN R. HOLMES, M.D., Cincinnati, Ohio; DONALD J. MACKINTOSH, M.D., M.V.O., Medical Superintendent, Western Infirmary, Glasgow.

"Medical Organization"

HERBERT A. BRUCE, M.D., F.R.S.C., Surgeon, Toronto General Hospital, Toronto; H. A. BOYCE, M.D., Kingston, Ont.; H. E. WEBSTER, Esq., Superintendent the Royal Victoria Hospital, Montreal, P.Q.; W. A. YOUNG, M.D., L.R.C.P., London, Consultant, Toronto Hospital for Incurables, Toronto.

"Sociology"

J. T. GILMOUR, M.D., Warden, Central Prison, Guelph, Ont.

"Tuberculosis Sanatoria"

GEORGE D. PORTER, M.D., Toronto; J. H. HOLBROOK, M.B., Physician-in-Chief, Mountain Sanatorium, Hamilton, Ont.

Vol. XIV.

TORONTO, AUGUST, 1918

No. 2

Editorial

THE HUNS BOMB MORE CANADIAN HOSPITALS

ONCE again the Prussians have excelled themselves in their latest and most up-to-date exhibition of damnable savagery in bombing Canadian hospitals

H.W.—2

behind the lines in France. How the Kaiser and his co-murderers can ever expect forgiveness in this or the other and better world for such unspeakable crimes, it is hard to imagine. The English language fails to express one's feelings under such circumstances, and nothing remains but to round up the Wild Beast that is abroad in the world and extend to him the same quality of mercy that he is daily affording his victims. A process of slow roasting on a butcher's hook before an unquenchable fire would be a suitable prescription for the Bloodiest Murderer of all ages. The last reported bombing resulted in the death of several medical officers and nursing sisters, the conduct of the victims being beyond all praise, particularly in the case of the nurses, who refused shelter and preferred to meet death rather than allow their helpless patients to suffer more than they had already done at the hand of the black-hearted Hun. All honor to such women as Florence Nightingale and noble Edith Cavell. We do well to hold them in the highest possible esteem, their record being one of supreme self-sacrifice. No one will question that, next to our boys in the trenches, those who are doing most today to keep the black plague of Kaiserism at bay are our medical officers and nurses. We pay respectful tribute to such worthy successors of Edith Cavell as Katharine MacDonald and Dorothy Baldwin, the two Brant County nurses, who a few weeks ago gave their lives that others might live. Since

then the human ghouls have again broken out in their unparalleled, calculated, hellish glee and have sent to the bottom of the Atlantic the hospital ship Llandoverly Castle, and, with its human cargo the following medical officers and nursing sisters. Yet, there are some who ask us to pray for the Huns.

Lieut.-Col. Thomas Howard MacDonald; Major Gustave Mitchell Davis, Welland, Ont.; Capt. Arthur Vincent Leonard, Toronto, Ont.; Capt. George Luther Sills, Tweed, Ont.; Capt. William James Enright, Port Daniel, Bonaventure, Que.; Honorary Capt. Chaplain Donald G. MacPhail, Kingston, Ont.; Nursing Sister Christina Campbell, Victoria, British Columbia; Nursing Sister Alexina Dussault, Montreal, Que.; Nursing Sister Carola Josephine Douglas, Swan River, Man.; Nursing Sister Minnie Follette, Ward's Brook, N.S.; Nursing Sister Margaret Marjorie Fraser, Moose Jaw, Sask.; Nursing Sister M. J. Fortesque, Montreal, Que.; Nursing Sister Catharine Gallaher, Ottawa, Ont.; Nursing Sister Rena McLean, Souris, P.E.I.; Nursing Sister Mary Agnes McKenzie, Toronto, Ont.; Nursing Sister Jessie Mabel McDiarmid, Ashton, Ont.; Nursing Sister Gladys Irene Sare, Montreal, Que.; Nursing Sister Maebelle Sampson, Duntroon, Ont.; Nursing Sister Anna Irene Stammers, St. John, N.B.; Nursing Sister Jean Templeton, Ottawa, Ont.

“Greater love hath no man than this that a man lay down his life for his friends.”

W. A. Y.

Society Proceedings

THE BRITISH HOSPITALS ASSOCIATION— REPORT OF THE COUNCIL FOR THE YEAR 1917

THE Council have the honor to submit the Report of the Association for the past year, together with a statement of the receipts and expenditure to December 31st, 1917. The accounts have been duly audited by the honorary auditor, Arthur F. Whinney, Esq. (of Messrs. Whinney, Smith & Whinney), to whom the Council desire to express their best thanks. Owing to the careful administration of the funds by Mr. R. A. Owithwaite, the honorary treasurer, the financial position is entirely satisfactory.

The continuation of the war in many respects seriously affects the work of the voluntary hospitals, and their responsible managers have to consider many difficult problems resulting from the abnormal conditions.

The main object of the British Hospitals Association is to afford facilities for the discussion of matters connected with hospital management; and the Council, as will be seen from the following record of work during the past year, have used their best endeavors to assist the hospitals in the consideration of such questions.

In addition to the conferences which have been held, and the deputations to the War Office and Ministry of Pensions, a considerable correspondence has been carried on with hospitals throughout the country on various subjects in reference to which information or advice was requested.

It is generally agreed that the changed conditions resulting from the war must seriously affect and modify many of our existing institutions, and it is certain that important questions which deeply concern the voluntary hospitals will shortly demand their careful consideration. Probably the most important of these questions is the proposed appointment of a Ministry of

Health, which has lately been strongly urged upon the Government from influential quarters, as necessary for the co-ordination of the numerous public authorities which are at present responsible for conserving the health of the people. The nation is becoming more and more alive to the importance of health as a factor in securing and maintaining its prosperity and social welfare. In these circumstances it is essential that the managers and staffs of the voluntary hospitals should loyally co-operate; and it is the purpose of the Council of the British Hospitals Association to accord every facility in their power for the purpose of enabling these institutions to combine and act together in dealing with these matters.

TREATMENT OF MILITARY PATIENTS IN VOLUNTARY HOSPITALS.

The Council, in their reports for the years 1914 and 1915, stated the result of negotiations with the War Office in 1914, which resulted in the payment of grants in aid for the treatment of sick and wounded soldiers. In response to a generally expressed wish for an increase of the grant, a conference was held at Westminster Hospital on October 19th, 1917, when there was a large and representative attendance, and, after a full discussion, the following resolution was passed:

“That, having regard to the abnormal advance in prices of provisions and all other commodities since the rates of payment for the treatment of wounded soldiers in civilian hospitals were fixed, this meeting is unanimously of opinion that formal representations should be made to the authorities concerned with a view to obtaining an immediate increase in such rates of payment.”

The Council were requested to take such action as they deemed necessary to give effect to the above resolution. Accordingly a memorandum was prepared, showing the increased cost of maintenance at a number of London and provincial hospitals since the year 1914. A deputation from the Council was received by Sir Charles Harris, the Financial Secretary to the War Office, on November 16th, 1917, when it was decided that the consideration of certain details should be referred to a joint

committee of the British Hospitals Association and of the War Office. This committee met on several occasions, representative hospitals in various parts of the country were visited, and a comprehensive report was drawn up. On the 1st February, 1918, Sir Charles Harris again received the deputation, which resulted in the following letter from the War Office:

War Office, London, S.W.,
February 6th, 1918.

To the Hon. Secretaries, British Hospitals Association.

Gentlemen,—I am commanded by the Army Council to inform you that as the result of the proceedings of the conference with the deputation from your Association, which was received at this Office on the 1st inst., they have decided to increase the grant payable in respect of military patients under treatment in civil established hospitals by 9d. per occupied bed per day, thus raising the maximum grant to 4s. 9d. A grant of 6d. per day will also be made in respect of unoccupied beds reserved for military patients under the orders of the department. These increases will take effect as from the 1st October, 1917, and application accordingly may now be made to the Headquarters of the command concerned.

In no case will the above rate of capitation grant be exceeded, but the Council will be prepared to consider the applications for a special donation in addition to the capitation grant, where it can be shown that owing to exceptional conditions the maximum is insufficient for the expenses attendant upon the treatment of the military patients. The cases eligible for special consideration would be those for hospitals provided with fully equipped pathological departments, or with special X-ray or other equipment necessary for certain treatment; of hospitals paying full salaries to resident medical officers, or other expenses of exceptional character; or of hospitals which have increased special initial expenditure for the accommodation of military patients. Further details of the form in which such application should be made will be issued shortly.

I am, your obedient servant,

(Signed) B. B. CUBITT,
Assistant Secretary.

A circular letter enclosing a copy of the Army Council Instruction No. 144, which gave information in reference to increased capitation grant, was sent out to all the hospitals.

TREATMENT OF DISABLED SAILORS AND SOLDIERS.

At the conference held on October 19th, 1917, the following resolution was passed:

“That this meeting is of opinion that the scale of charges for the treatment of disabled sailors and soldiers in civilian voluntary hospitals, as proposed by the Ministry of Pensions (*vide* Schedule 1, ‘Instructions and Notes on the Treatment and Training of Disabled Men’), is inadequate, and would only partially meet the cost of such treatment; and strongly affirms the view that the scale of charges should be such as would cover the whole cost of the maintenance, including treatment given and remuneration in respect of professional medical services.”

The Council was authorized to negotiate with the Ministry of Pensions, and accordingly a deputation was received by the Minister on December the 20th, 1917, when certain proposals were made on behalf of the hospitals. It was decided that the consideration of certain details should be referred to a joint committee of the British Hospitals Association and of the Ministry. This committee held two meetings, with the result that arrangements were agreed to which were finally adopted by the Minister of Pensions. A memorandum of the arrangements agreed on was prepared and issued by the Association to the hospitals.

In sending out this memorandum, the Council purposely refrained from making any suggestions as to the amount payable to the medical staffs, feeling that this was a subject in reference to which each hospital would prefer to make its own arrangements.

SHORTAGE OF DOCTORS.

In May, 1917, the Executive Committee of this Association responded to an invitation to confer with the Central Medical War Committee in reference to the steps which might be taken

to meet any further depletion for military service of the medical staff of the voluntary hospitals, and as a result it was arranged that information be obtained as to the existing conditions of the medical staffs of some of the larger hospitals. Accordingly a form of returns was sent out and the information thus obtained was communicated to the Central Medical War Committee, who stated that it was of the greatest service to the Committee in dealing with this subject.

SUPPLIES OF WINES AND SPIRITS TO HOSPITALS.

As some hospitals had experienced difficulty in obtaining supplies of wines and spirits, an application was made to the Advisory Committee of Customs and Excise, who replied stating the conditions under which the Board of Customs and Excise would grant supplies. This information was duly forwarded to the voluntary hospitals.

In conclusion, the Council hope that members will co-operate with them in their efforts to obtain new members, and thus strengthen the Association in its work on behalf of the voluntary hospitals. With few exceptions the voluntary hospitals throughout the country are already connected with the Association, but it is very desirable, in order to the extension of its usefulness, that all should be represented, so that the Association may act as a thoroughly representative body. Well directed and carefully applied effort by the British Hospitals Association should prove of great service to the voluntary hospitals, especially in view of the various changes and readjustments which may be expected in the near future.

H. WADE DEACON, *Chairman.*

R. A. OTHWAITE, *Hon. Treasurer.*

J. COURTNEY BUCHANAN, } *Hon. Secretaries.*
CONRAD W. THIES, }

Canadian Hospitals

GRACE HOSPITAL, TORONTO, GRADUATING EXERCISES

A STERLING tribute to the effective accomplishments of women in civilization's effort to protect humanity from degradation was appropriately paid by Mr. Stewart Lyon, former Canadian Press representative at the front, in an address in the Metropolitan Assembly rooms, Toronto, on the occasion of the 28th annual graduating exercises of Grace Hospital Training School for Nurses. Referring particularly to the work of nurses back of the firing line, Mr. Lyon declared: "The cheerful, absolute abnegation of these ladies is something to be wondered at."

Thirteen, happy, smiling graduates, spotlessly attired in their nursing costumes, received the diploma of their alma mater. A host of relatives and friends were present to congratulate them. Following the presentation of medals and prizes and the ceremonial exercises over which Mr. J. E. Atkinson presided, a reception was held, at which Miss Rowan of the hospital staff, assisted by the members of the graduating class, received the guests.

The graduating class this year has six Toronto girls, namely: Misses Florence Edna Paynes, Sadie May Coutts, Eva Buchan, Mary Fleck, Gladys Eglinton Blue, and Elsie Mary Reid. The other members of the class are: Clara Mabel Boyle, Port Colborne; Amelia Hall Ross, Elgin, Man.; Lily May Hall, Preston; Alma Ethel Hodges, Dundas; Edith Agnes Townley, Fenelon Falls; Ida Maude Lownsborough, Newtonbrook; and Frances Charlotte Whellams, Winnipeg, Man.

Immediately preceding the distribution of diplomas and school pins, the class arose, and with bowed heads slowly repeated the Florence Nightingale pledge. The words are as follows: "I solemnly pledge myself before God and in the presence of this assembly to pass my life in purity and to practise my profession faithfully. I will abstain from what-

ever is deleterious and mischievous and will not take or knowingly administer any harmful drug. I will do all in my power to elevate the standard of my profession and will hold in confidence all personal matters committed to my keeping, and all family affairs coming to my knowledge in the practise of my calling. With loyalty will I endeavor to aid the physician in his work and devote myself to the welfare of those committed to my care."

The following medals and prizes were presented: Miss Gladys E. Blue carried off the staff's gold medal for highest standing in final examinations; Miss I. Maude Lownsbrough, the staff's silver medal for second place in final examinations; Miss Edith A. Townley, the Van der Smissen Medal for general proficiency; Miss Lily M. Hall, Mrs. R. B. Hamilton's prize for neatness; Miss Mary Peck, the Mary Powell prize for surgical technique; Miss Gladys E. Blue, the Dr. W. J. Defries prize for highest standing in anesthesia; Miss Lula J. Dyer, staff prize for highest standing in examination of the second year; Miss Beatrice Nairn, the staff's prize for highest standing in examination, of the first year, and Dr. E. Rae's prize for skill in bandaging. Military syringes were presented to all of the graduating nurses, the gift of the hospital school staff.

"You ladies come to your life work at a time of great events," said Mr. Lyon, addressing the nurses. He praised those of their profession who had gone overseas, saying their deeds were beyond words of praise. "It is just as possible," he said, "that some of you will find yourselves in France before the great tragedy is over."

Women's right to vote, said Mr. Lyon, was not won by smashing windows, but by splendid devotion to service for the country, by going to the front, by working in the munition shops and taking the places of men to do their full share towards winning the war. In all the hospitals behind the firing lines, bomb-proof dugouts were provided for women, but they would never use them so long as their patients were in danger. That was the record which changed the entire British sentiment regarding women, and which brought them equal rights practically without a dissenting voice.

"I would like to think," declared Mr. Lyon, "that the work of women during this war will make for them socially an equal world. If a woman can do as much as a man, she ought to get as much wages."

One of the most important qualities of a nurse, not to be found in text books, Mr. Lyon believed, was calmness. Courage, devotion, patience and calmness, above all, the last, were her necessary qualifications.

He referred to the recent air raid in which a Canadian casualty hospital was bombed. The heroic actions of the Canadian girls who, instead of sheltering themselves, remained at their stations, some of them to die, would remain a great tragedy of the war and also a glory of Canadian womanhood.

Mr. Lyon told of the first gas attack in Flanders. The strange thing was that the bulk of the men who were gassed did not know for hours what had happened to them. Without feeling it they were in a dying condition. All at once the tissue of their throats began to disintegrate. There were hundreds of them and had not a Canadian physician found a remedy quickly the losses would have been appalling. Fortunately, a Canadian surgeon had his wits about him and almost by magic he found an antidote in bicarbonate of soda. And so the nurses were working like bees and getting results. An instance was the record of 114 "gas" cases of the 4th C. M. R.'s of which only two were fatal.

To the ladies who have been sewing and knitting for years, Mr. Lyon extended a word of thanks and appreciation for the men who needed them. The supplies sent overseas were extremely valuable. He related how when an order once came through for ten thousand pairs of pyjamas, they were delivered from a base within three hours. Bloodstained, dispirited, tired and wounded, the men arriving at the casualty clearing stations required a great deal of attention. That was the work of the indefatigable nurse whose work never ceases, for no one can guarantee for her when she is to be called.

Another branch of the service which did yeoman work for the cause was the Women's Army Auxiliary Corps. Always in range of shell fire behind the lines they endured many great

hardships. The caste barriers in every branch of the service, among women and men, were down. It did not seem improbable, in view of the experiences wrought by war, that in the workaday world of the future the comradeship between men and women would be tremendously increased.

In closing, Mr. Lyon paid tribute to the women of France, who, in many cases, endured the greatest physical exertions, in the fields, in the mines, and in fact everywhere.

ROYAL ALEXANDRA HOSPITAL (FERGUS, ONT.), GRADUATING EXERCISES

THE annual graduating exercises of the Royal Alexandra Hospital, Fergus, were held on Friday evening, June 14th, in the Opera House. This event is always looked forward to with a great deal of interest, not only by the graduates and those immediately concerned, but also by the friends of the graduates and the whole town in general.

The hall was beautifully decorated and on the platform were Miss Robinson, the lady superintendent, and the twelve graduating nurses and about as many more of the undergraduates, all presenting an attractive appearance in their beautiful uniforms.

Mr. G. C. Templin, Reeve and President of the Board of Directors, occupied the chair, and after calling on Rev. Mr. Craw for the opening prayer, made a short address, in which he complimented Dr. Groves, the medical superintendent, and the nurses upon the splendid turnout, showing the great interest the public took in the Royal Alexandra Hospital. It was an institution of which all were justly proud and one whose doors were never closed to the sick and afflicted, the question as to their financial standing never being asked. Doctor Groves had a national reputation as a surgeon and it was hoped he would long be spared to continue as head of the Royal Alexandra Hospital.

Doctor Groves, the medical superintendent, said that he was, like the poor, always with us. He felt a great deal of thankful-

ness to those present to do honor to the graduates in the great work they have undertaken. Eighteen years ago the Royal Alexandra Hospital opened, and fifteen years ago five nurses graduated. In those days the institution was struggling to get on its feet. Since then there have been sixteen graduations. A common expression was "can any good thing come out of Nazareth?" The work was speaking for itself. The hospital was sending nurses constantly to all parts, and graduates are not only giving satisfaction, but are filling the highest positions. Miss Martinoni sent a telegram congratulating the girls who graduated. She was a former graduate and is now superintendent of the great Municipal Hospital at Detroit, and is giving splendid satisfaction. Nine of our graduates are superintendents of other hospitals, an unparalleled record.

Doctor Groves then presented each of the following graduates with her diploma, while at the same time Mrs. John Black fastened on their classpins: Ethel J. Arthur, Muriel R. Beal, Margaret E. Garbutt, Florence M. Lunny, E. Florence McNeil, Lydia M. McKinnon, Lulu M. Noble, Evelyn G. Osborne, Minnie P. Plant, Alberta E. Slimmon, Alice E. Smith, and Wilhelmina Woinoski.

NEW NURSES' HOME FOR QUEEN ALEXANDRA SANITARIUM, LONDON, ONTARIO

ANOTHER milestone in the progress of the Queen Alexandra Sanitarium was passed here on July 10th, when Sir William Hearst, Prime Minister of Ontario, declared open the new Nurses' Home, the gift of Sir Adam and Lady Beck, and Sir James Lougheed opened the new Vocational Training and Recreation Building, put up by the Department of Soldiers' Civil Re-establishment. This latter building will be for the benefit of returned soldiers in the Sanitarium.

Situated three miles west of the city on the banks of the Thames, with a view unrivalled in Canada, the Sanitarium now is capable of caring for 250 soldier and 105 civil patients. There are about twenty buildings scattered about the grounds, and a

farm is in connection, having on it all modern appliances. Its existence is due chiefly to the energy and determination of Sir Adam Beck, and to his personal munificence and the generosity of his wife.

The Nurses' Home was formally presented to the Sanitarium by Sir Adam, the gift of himself and his wife, as a token of gratitude for the recovery from a serious illness of their daughter, Marion. It will be known as the Marion Beck Home.

After dedication by Rev. Dr. L. Norman Tucker, Judge Judd asked Sir William and Lady Hearst to declare the building open. In doing so he hinted broadly that the Provincial Government might be asked in future for financial aid, to which Sir William listened smilingly.

"We are trustees of the people of Ontario, and it will be a pleasure to us to help you in every way, having regard to the many claims upon us," said the Premier. Proceeding, he said, "That it was not given to any Province to be indebted often to two people, as was the Province of Ontario to the generosity of Sir Adam and Lady Beck."

"To me the nursing profession is one of the most trying and exacting, as well as the most noble, in the world," said Sir William. "I doubt if we can get more heroic examples of devotion to duty than we get in the nursing profession. In heroism and resourcefulness in this war our women are not one whit behind our men. When the history of the war is written there will be no better records than those made by Canadian nurses."

Sir Adam Beck, in introducing Sir James Loughheed to declare open the Vocational Training Building, announced that by next winter more than half a million dollars would have been expended on the sanitarium. All operations on the farm connected with the sanitarium were carried on by "live electricity."

Sir James Loughheed reviewed at length the work carried on by the old Military Hospitals Commission. It was realized early that the most important part of the work would be the treatment of soldiers suffering from tuberculosis as a result of

the war. They had surveyed Canada as to accommodation, and found it was entirely inadequate to civilian needs, not to take into account invalided soldiers. Finally they had succeeded in getting the authoritative bodies of the Dominion together, and the work was now on a good basis.

"In no institution in Canada have we met with such satisfaction as in this one. No institution in Canada is comparable to the sanitarium in connection with this hospital."

He acknowledged the good aid of Sir Adam and Lady Beck and of the Ontario Government. The response of the Ontario Government had enabled them to place the work on a most satisfactory basis in this Province.

He announced that the Military Hospitals Commission had taken the necessary steps some months ago to build a convalescent home in London. The land, he understood, had already been transferred, and the cost of the new institution would be \$400,000.

Sir Adam Beck stated in a further speech that 333 soldiers had been treated at the sanitarium since 1915, of which number 164 had been discharged as cured. He reminded Sir James Loughheed that an ambulance garage and a pavilion for the officers were needed, to which the latter was silently and smilingly non-committal.

The new Vocational Training Building contains a large assembly room, with a cabinet for a moving-picture machine. In the basement are various classrooms for vocational training. Many of the soldier inmates were interested spectators of the ceremonies of the day.

NURSES' GRADUATION, TORONTO HOSPITAL FOR THE INSANE

THE curative aspects in the treatment of mental disease as opposed to the old custodial idea, and the importance of training schools in hospitals of the kind were brought out at the Hospital for the Insane at 999 Queen Street West, Toronto, on

June 24th, when Capt. E. H. Young addressed the graduating class. The front rows of seats in the prettily decorated hall were occupied by the graduating nurses in crisp white uniforms, with the newly-acquired black bands in their caps and bunches of pink roses in their hands. Behind them the student nurses, in their habits of blue, gave promise of future graduating classes.

Rev. Canon Ingles opened the exercises with prayer, and the Superintendent, Dr. J. M. Forster, presided.

Capt. Young said that on his return from overseas he had not only found the old standards of institutions for mental patients maintained, but notable progress made. And in the work done overseas by graduates of mental hospitals the speaker said he had found none superior to that of the alumnae of the Toronto Hospital for the Insane.

Dr. W. M. English brought greetings from the sister hospital in Hamilton, and congratulations and good wishes for the nurses. Mr. Wright spoke of the prospective enactment of legislation which would give to nurses such protection as other professions enjoyed.

Dr. McNaughton, of Hamilton, and Major Bailey spoke briefly, and Dr. Harvey Clare administered the Florence Nightingale pledge, after which Mrs. J. M. Forster and Mrs. Harvey Clare presented the diplomas and class pins to the graduates, Miss Sadie Vivienne Knox, Miss Mary Meldrum, Miss Kathleen McCoy, Miss Christina McGillivray, Miss Cecilia H. McKenna, and Miss Irene A. MacLennan.

The post-graduate diplomas were presented by Mrs. Bailey to Miss Ada Scott, Miss Margaret Wilson, Miss Alice Adshead and Miss Helena Hancock.

Prizes for highest marks and general proficiency were presented to Miss Mary Meldrum and Miss Cecelia McKenna by Miss Davis. Miss Mildred Malcolm won the prize for highest marks and general proficiency, and Miss Pearl McCracken that for punctuality in the second year, and these prizes were presented by Mrs. Brock. Dr. C. A. McClenahan presented the first year prizes, one for highest marks going to Miss Charlotte Thomson, and that for general proficiency to Miss Blanche Vandervoort.

WELLESLEY HOSPITAL (TORONTO), GRADUATING EXERCISES

THE graduating exercises of the Wellesley Hospital nurses, 1918, on June 17th, was graced by the presence of the eminent English surgeon, Sir Arbuthnot Lane, who addressed the graduating class, and Colonel Herbert A. Bruce, who had returned to Canada on short leave. Rev. George C. Pidgeon, D.D., who has recently returned from France, gave the valedictory prayer followed by an address by the Hon. Sir William Mulock, K.C.M.G., president of the board.

The winners of the scholarships were as follows:

Senior Year—The Sir John Eaton Scholarship, general proficiency: Miss Minnie Coleberry (in New York), proxy, presented by Mr. Boothe. The Herbert A. Bruce scholarship, proficiency in operating room technique: Miss Madeline Ida Rogerson.

Intermediate Year—The Sir William Mulock scholarship, general proficiency: Senior Division, Miss McBride (in New York), proxy. Junior Division, Miss Robson.

Junior Year—The Sir Edmund Osler scholarship, general proficiency: Senior Division, Miss Low. Junior Division, Miss Book.

The graduates are: Miss Minnie Elizabeth Coleberry, Dunnville; Miss Mabel Hutchinson, Unionville; Miss Gladys Louise Jones, Jarvis; Miss Isabel MacLeod, Southampton; Miss Blanche Lillian MacLeod, Southampton; Miss Mary Katherine Morrison, Gravenhurst; Miss Anna McKenzie Odum, Woodstock; Miss Edythe Patton, Toronto; Miss Wanda Elizabeth Riggs, Belleville; Miss Jessie Margaret Ritchie, Arnprior; Miss Madeline Ida Rogerson, Toronto; Miss Margaret Elizabeth White, Beaverton. A reception was afterwards held in the garden, where the guests were received by Sir William Mulock and the lady superintendent, Miss Flaws.

WINNIPEG GENERAL HOSPITAL

THE annual report of the Winnipeg General Hospital was one of the most encouraging in years. It gave a detailed account of the year's activities embracing the financial statement. This was especially favorable, in view of the extraordinary difficulties the board had encountered in the endeavor not to exceed the current revenue. A grant of \$60,000 from the city was made payable in two installments. The total revenue was \$417,292; the expense of operating and maintaining, \$476,507, leaving a deficit of \$59,215. The erection of a new psychopathic building will be undertaken, for which the provincial government has made a grant of \$50,000. The number of operations in the X-ray and hydrotherapeutic department for the year were 22,130, and general operations, 4,387.

THE Ottawa Maternity Hospital, which co-operates with the three city hospitals in their courses in obstetrics, has a gratifying record. So efficient is the nursing staff attached to the hospital that during the last fiscal year there was not a single maternal death. The present building is too small to cope with the designed scheme of usefulness, and the management are planning a public appeal to the citizens to supply this most urgent need of conserving infant life at the most critical period of the world's history.

TORONTO GENERAL HOSPITAL AND TORONTO HOSPITAL FOR INCURABLES RECEIVE LARGE BEQUESTS

A MUNIFICENT gift of property, worth about six hundred thousand dollars, was recently announced as coming from the estate of the late Mr. Wm. Ramsay, who at the time of his death lived in Scotland. Of this large sum, Toronto General Hospital receives two-fifths and Toronto Hospital for Incurables one-fifth, the remaining two-fifths going to charities to be designated by the Toronto General Trusts Corporation.

LLEWELLYN MATERNITY HOSPITAL, OSHAWA

THE Llewellyn Maternity Hospital was formally opened at Oshawa, on April 24th, by Inspector of Hospitals, Dr. Helen McMurchy. This beautiful institution was donated to the town by three companies, the McLaughlin Carriage Company, the McLaughlin Motor Car Company and the Chevrolet Motor Company of Canada all of which are under the control of the McLaughlin family. The ladies of the hospital auxiliary have furnished it so far without any expense to the hospital board. The people of Oshawa have contributed generously, and many small gifts as well as large ones testify to the widespread interest in the undertaking. Dr. McMurchy, in her excellent address at the formal opening, scored a point when she said: "The baby was the nation," and was glad that the people of Oshawa would have such a beautiful place to be born in.

PRINCE EDWARD ISLAND HOSPITAL

THE annual graduation exercises of Prince Edward Island Hospital took place on April 26th. Seven nurses graduated and the diplomas were presented by Mr. Justice Haszard. Mr. Pope, on behalf of the trustees, extended to the recipients their heartiest congratulations. He referred to the grand work accomplished by the Prince Edward Island Hospital, and said that though the institution was somewhat in arrears, the equipment was never in better condition. The trustees are organizing a systematic appeal throughout all the rural sections of Queens and Kings Counties for the hospital. This institution serves at least 6,000 families. The report of Falconwood Hospital and the Provincial Infirmary is a most satisfactory one from the point of view of efficiency, care of patients and successful management of the farm in connection with the hospital. The expenditure on maintenance during the year 1917 amounted to \$88,466.26. At the close of the year there were 276 patients in the hospital, 91 in the infirmary, and eight in the tubercular cottage.

War Hospitals

SOME BUILDINGS PLANNED ON ROSEDALE HOSPITAL SITE

PLANS for the big military hospital which is to be erected in the Rosedale district, Toronto, call for ten two-story "bunk houses," each of which will accommodate 200 men. The final plans for the hospital and concentration camp at and adjoining St. Andrew's College have not yet been confirmed, although they are being rushed. In addition to the houses there will be a kitchen in a separate building, officers' quarters and administration buildings, store house, guard house, dining hall and recreation hall. With the exception of a small portion, which will be given over to the administration, the entire St. Andrew's College building will be utilized for beds.

HOSPITAL PRESENTED TO FRANCE BY CANADA

PRESIDENT POINCAIRE, on July 3rd, accepted from Sir Robert Borden, in the presence of General Currie, Commander in Chief of the Canadian Armies, and several prominent Canadians, a fully-equipped Canadian hospital, containing 520 beds, which it is expected will soon be increased to 1,040 beds. It is understood that the hospital is situated at Joinville-le-Pont.

SIR RODOLPHE FORGET, on June 18th, intimated in a letter that if those at work on the emergency fund to raise \$150,000 for Notre Dame Hospital, Montreal, succeeded in their efforts he would donate a further sum of \$100,000.

LT.-COL. K. D. PANTON, of Vancouver (Toronto, '04), is now officer in command of No. 14 Canadian General Hospital, Eastbourne, England.

MAJOR C. A. YOUNG, of Ottawa (McGill, '05), is in charge of surgery at No. 14 Canadian General Hospital, Eastbourne, England.

CAPT. H. B. HETHERINGTON (Toronto, '16), is in charge of the Laboratory at No. 14 Canadian General Hospital, Eastbourne, England.

DR. B. L. GUYATT, who has been on duty at the base hospital, has been appointed as officer in command temporarily of the special hospital recently established at Camp Borden.

CAPT. J. B. HANLEY (Toronto, '16), was, up till recently, on the staff of No. 14 Canadian General Hospital, at Eastbourne, England, but is now with No. 2 Canadian Stationary Hospital in France.

CAPT. (DR.) C. WALKER, of Toronto, has returned from overseas. Early in 1916 he joined the R.A.M.C. and was attached to Devonport Military Hospital, England. He went to France in charge of the 61st Field Ambulance Corps. He was some time in hospital with a broken arm, the result of a fall from his horse, and on returning to duty was attached to Winchester Hospital in England. In the fall of 1917 he again returned to France in charge of an ambulance train conveying wounded from the front line to base.

CAPT. W. H. FOX, of 28 Boswell Avenue, Toronto, was given the Order of the British Empire in the King's birthday honors, according to a cable just received by his family. He went overseas as captain and quartermaster with the Army Medical Corps, First Contingent, and served in France the first year of the war. In February, 1916, he was recalled to England and attached to the staff of the Ontario Military Hospital, Orping-

ton. The following November he returned to Canada for six weeks, after which he again took up his duties at Orpington. The official notice states that the honor has been given him for prolonged service in the war.

MISS MADELINE JAFFRAY, of Galt, a Canadian nurse, who was wounded in France, and who received the Croix de Guerre, has been assigned by the Atlantic Division of the American Red Cross to duty as a speaker in the campaign of recruiting nurses.

NURSING SISTER EMMA F. PENSE, of Kingston, has been appointed Assistant Matron of No. 2 Canadian General Hospital in France. She has been in active service for more than three years, and wears the Star of Mons besides the Royal Red Cross.

MISS PEARL COURTICE, only daughter of R. T. Courtice, Esq., Toronto, recently received the appointment of matron of the Military Hospital at Whitby. Miss Courtice had a splendid training in public, private, and war nursing. She is a graduate of Toronto General Hospital, and in May, 1915, enlisted for overseas duty, joining the University of Toronto Hospital, under Colonel Roberts. After a short time in England, she went with the unit to Saloniki, where she spent twenty-two months in war nursing. After leaving Saloniki, she went with the unit to Basingstoke, England.

NURSING SISTER EMMELINE E. SMILLIE, a graduate of University College in 1913, and daughter of Mr. B. Smillie, of Hensall, Ont., has had some interesting experiences since leaving college. After a course at the Toronto General Hospital she went out to India, and when war broke out was attached to the Indian army, with service on the hospital ship *Loyalty*, which sails between Bombay and Raza, on the Persian Gulf. The boat was formerly the C. P. R. Pacific liner Empress of India. Lately she has seen much of the Turkish prisoners who are being exchanged for British. She is a sister of Dr. Jennie Smillie, of Dovercourt Road.

BISHOP AND MRS. REEVE, of Centre Island, were very proud to receive the news that Miss Alice M. Grindlay, daughter of Mrs. Reeve, who went overseas with the University Red Cross contingent, has been presented with the Royal Red Cross decoration. Miss Grindlay is a graduate of the Toronto General Hospital and left Canada three years ago, and she wears three stripes on her arm in recognition of three years of splendid service. During the time she has been overseas Miss Grindlay has nursed at Saloniki, Basingstoke and Folkestone, where she is at present.

DR. H. B. ROGERS has just been appointed resident medical superintendent of the Jubilee Hospital. Dr. Rogers was house surgeon at Chemainus Hospital for several years, and subsequently entered into private practice in Victoria. At the outbreak of the war he went overseas and has been engaged at one of the big base hospitals in France until quite recently.

BUFFALO HOSPITALS BURN

THE hospital building of the Erie County Poor House was burned on June 19th. The flames spread to the tuberculosis and the maternity hospitals, detached buildings, connected with the main hospital by covered passageways. Both were destroyed, bringing the loss up to \$150,000.

The fire followed an explosion in the pharmacy in the main hospital building. More than three hundred patients were removed by the hospital force without mishap.

FURTHER promotion has come to Dr. Gordon Heyd, son of Mr. and Mrs. L. F. Heyd, Toronto. He went over with the United States forces as a captain, received his majority, and is now in charge of a hospital of 2,500 beds in France. Before receiving his commission he was a practitioner in New York with an international reputation.

NURSES GIVEN DECORATIONS

AMONG those who have been awarded decorations in the nursing services of Canadian hospitals, according to the latest list, are a number whose training was received in Toronto or who were on the staffs of Toronto hospitals when war broke out. Several of the decorations were distributed among the members of the University of Toronto base hospitals which went overseas three years ago to France, thence to the Mediterranean and Salonika, and are now at Basingstoke, England.

Miss Gertrude L. Spanner is the daughter of Mr. Charles Spanner, Hambly Avenue, Toronto. She receives the Royal Red Cross of the second class. Miss Spanner is a graduate of the Hospital for Sick Children, and enlisted in the University of Toronto hospital. She served on a hospital ship during the Gallipoli campaign and then at Salonika, where she contracted enteric fever. She was dangerously ill for some time and came home upon recovery. She is now on duty in England.

Miss Agnes Huston, a nurse of the University of Toronto staff, is at present in Orillia on leave. She is a graduate of the Toronto Western Hospital. Her mother resides in Orillia. Her decoration is the second-class Royal Red Cross.

Miss Cecil M. Oatman made her home in Toronto with a friend at 191 Langley Avenue. Her father, Lorne Oatman, resides in Springford, Oxford County. She is a graduate of Grace Hospital, and is on the staff of the University of Toronto General Hospital.

Miss Alison Dickison, first-class Royal Red Cross, was on the staff of the Toronto General Hospital for some time prior to the outbreak of war. She went overseas with a draft of nurses during 1914. She is a graduate of an English hospital.

Miss Mary Allwood, second-class Royal Red Cross, was on the staff of the Toronto General Hospital when war broke out. She went overseas with the University of Toronto hospital. She is a graduate of an English institution.

Miss Elizabeth Campbell, who is mentioned as one of those who receives the second-class nursing decoration, is understood to be a graduate of the Toronto General whose home is in Price-

ville, Ont. She went overseas with the University of Toronto hospital.

Matron Bessie Mitchell, who receives the first-class decoration, is a graduate of the Hospital for Sick Children. She went overseas at the outbreak of war with a draft and has been on transport duty for some time.

Miss Lillian Galbraith, a graduate of the Hospital for Sick Children, now on the staff of a Shorncliffe hospital, is awarded the second-class decoration. Her home is in Toronto.

Miss Alice Grindlay, a graduate of the same institution, and with the local War Hospital, is a daughter of Bishop Reeve, 544 Huron Street. She is given a similar decoration.

Miss Marion Ruddick, Hospital for Sick Children, went overseas when war broke out with a draft of nurses. Her home is in Ottawa. Her decoration is a first-class medal.

Miss Maude Wilkinson is a graduate of the Hospital for Sick Children, whose home is in Toronto. She receives the second-class decoration. She is with the University of Toronto hospital.

Miss Helen M. MacCallum is a graduate of St. Michael's Hospital. She went overseas with the University of Toronto hospital and receives the second-class decoration. Her home is in Delora, Ont.

Nursing Sister Mary B. Hubbs, daughter of Mr. and Mrs. L. P. Hubbs, of Hillier, Ont., has been decorated by the King for her splendid services with the army in France during the past few months. She was recently called to London, where the honor was conferred upon her.

IMPRESSIVE MEMORIAL SERVICE TO NURSES WHO HAVE FALLEN IN THE WAR

BY ANNE MERRILL.

“Not one of them is forgotten before God.”

THIS text was chosen by the Ven. E. E. Holmes, B.D., Archdeacon of London, and Hon. Domestic Chaplain to Her Majesty Queen Alexandra, in his sermon in St. Paul's Cathedral in connection with the memorial service for “nurses who have fallen in the war,” and which was attended by upwards of five thousand nurses, probationers and V.A.D.'s, the seats immediately behind royalty being occupied by a detachment of Canadian nurses with Miss Margaret Macdonald, Matron-in-Chief.

Royalty was represented by Queen Alexandra, Princess Louise (Duchess of Argyll), Princess Beatrice, Princess Marie Louise, Princess Maud and Princess Arthur of Connaught, who sat in the front row, beneath the great dome; and Canada was represented (as well as by her nurses and V.A.D.s), by Sir George Perley, High Commissioner, Lady Perley, Hon. Sir Edward Kemp, K.C.M.G., Lieut.-Gen. Sir Richard Turner, V.C., K.C.B., and Lieut.-Col. Richard Reid, Agent-General for Ontario.

Within the dome, besides those already mentioned, were nurses and V.A.D.s from Australia, New Zealand, South Africa, and—a new note over there—the American nurses; and side by side with the women from overseas were the English Territorial Force Nursing Service, the Queen Alexandra Imperial Military Nursing Sisters, Scottish Women's Hospital, the Red Cross and St. John Ambulance Voluntary Aid Detachments, besides many smaller and less well-known units. And they comprised a wonderful army—this mixture of dark blue, light blue, light grey and dark, some with hats, some with veil-caps, and some with the little frilled muslin headpiece, quaintly becoming; and when the clergyman remarked, in the course of his sermon, that there were fifty thousand, or more, serving at home and abroad, the

realization of the magnitude of the organization was staggering, and the five thousand present, after all, seemed but a handful.

The roll of honor, which was distributed throughout the cathedral, attached to the printed form of service, contained the names of 350, 50 of whom were recorded "Drowned," 14 "Killed" (4 of these "accidentally"); 2 "Died of Wounds," and the remainder "Died," with the exception of the one name which will go down to history because of the great wrong suffered. The item read: "Cavell, Edith (in Belgium), executed." There were seven Canadian names.

The Archdeacon enumerated them all and reiterated after each group: "Not one of them will be forgotten before God."

The fifty who were drowned had been worthy descendants of a sea king's daughter, he said, and in these he included the eight nurses who, with their matron (as had recently been announced) had gone down in the *Glenart Castle*.

And those hundred and eighty-three V.A.D.s—"stormed at by shot and shell, bombed from above, torpedoed from beneath"—did we think one of them would ever be forgotten? A thousand times no. Their names would be written in the golden obituary of their country's history.

There were nurses of the Red Cross, nurses of the White Cross—not any one of whom would be forgotten. Each had someone at home, or at school, that loved her best of all and who, like the legendary lover—tossing, in departing, the flower "forget-me-not"—had sent back a telepathic message of remembrance.

That we should have thus gathered together from all parts of the world in what has been called the "Parish Church of the British Empire"—that English, Scotch, Irish, Australian, Canadian, South African, French, Serbian, Belgian, American, all should come here to commemorate the passing of the nurses—was very fitting, and it was well that we should think of these fallen nurses before the great white altar; and Archdeacon Holmes here paused to make reference to the memorial which had been held in the crypt of this very cathedral just two years ago, to Florence Nightingale, the first woman, and that woman a nurse, to have a memorial in St. Paul's. (In that "conservative old cathedral," he might have added.)

These nurses had won the right to die, because they had done their duty, the Archdeacon went on with great feeling. They had done their duty even unto the death, and, if you have a message to send to them, they have a message to send back to us. It is "Fill up the ranks! Carry on!"

"I would not wish to insult you with flattery," continued the speaker, "and I'm not going to call you 'ministering angels.' You are not angels. You are women. You are ordinary women. Some of you have made mistakes. Some of you may have lowered the ideal of this, the noblest profession which a woman can take up.

"Women full of excitement, war-weary nurses, often suffering more than the patients they are tending, are full of frailty; but—and a 'but' written in great red capitals—they are on the whole grand women, women who have taught us that they can be what God intended them to be, all these 50,000 nurses now serving at home and abroad; women who in 1914, when the hoardings were placarded and the words 'Women Wanted,' sprang—as the crowd will spring apparently from nowhere at the signal of a street accident—these nurses and V.A.D.s sprang, I say, to the help of those marvellous men, that amazing first army, which will be remembered as long as there is a page of English history remaining to England," and he quoted of the nurses:

"They mend the men; they help them to carry on;

And they drop a little curtain on the woes they have undergone."

"Women and nurses, you are not like that she devil—she is neither nurse nor woman—who handed the cup of cold water to the lips of a dying British soldier and then deliberately emptied it upon the ground; rather do you remind me of that gallant French officer who, when a German officer put in a plea for kindly treatment, replied: 'In the eyes of a Frenchman, a wounded man is sacred.'

"Women—as true women—we salute you to-day, with, as General Smuts said, a reverence which no words can tell; and I seem to see in that word, reverence, the type of the future. I pass that on to you, as women and nurses (you never can separ-

ate the two); in everything you do as a nurse, you must make the act felt as a woman.

“Matron, to you I say, follow in the footsteps of the misericordia; so rule your hospital that you may never be ashamed.

“I pass it on to the nurses—sisters, probationers, V.A.D.s, each in herself a madonna, to be a follower of the maid of Nazareth. Hold high the standard of your work, respect the greatness of your work—great work willingly done and well, for the men who have done such wonderful things for us.

“We are met here to-day to say we will fill up the ranks. We will step into their places. We will show the fallen nurses that not one of them is forgotten. It is not sadness that we feel. It is not the *de profundis*, but a *te deum*. And when we hear the band of the Coldstream Guards playing the Dead March in ‘Saul,’ with that marvellous roll of the drums, let it not remind us of the dead being carried past on gun carriages, but rather the booming of the cannon which is to put an end to all the long campaign of cruelty, brutishness and barbarity of the Hun.

“It is not to remind us of the death of the nurses, but the first glad gleam of the coming dawn for the faithful departed women who rest in peace.”

But in spite of this cheerful charge of the Archdeacon of London, I do not believe there was a dry eye among the thousands in that vast cathedral when, a few moments later, the band, seated beneath the dome—between the choir and the line made up of Queen and several princesses—played, under the baton of Major J. Mackenzie Rogan, M.V.O., that unforgettable tone-masterpiece of Handel; but they were not tears that hurt, but tears of relief, release—like the April shower falling at the moment upon the cathedral roof and dripping from every eave.

And there was a terrible stillness after the final faint drum-beat, before the drummers of the 5th Reserve Coldstream Guards, stationed in the organ loft above the main entrance to the cathedral, sounded on their trumpets, so painfully sweet and clear. “The Last Post.”

Long after the words of any human preacher, will be remembered and will live the wonderful music of that band of bands, which gripped my very soul and made me feel what a

glorious thing death ought to and could be, and on going out into the rain-soaked streets, one of thousands issuing from the many-doored cathedral, everything living seemed so very trivial—yes, even life itself—beside that thrilling service, the climax to which was Handel's Dead March in "Saul."

The service was held before there had occurred the murder of the Canadian nurses killed by German bombs while attending their patients in a hospital behind the lines. The honor roll, however, included seven members of the Canadian Army Nursing Service who have died at their posts. They were Nursing Sisters L. A. Davis, Sarah E. Garbutt, Jessie B. Jaggard, Ida L. Kealey, Mary F. E. Munroe, Etta Sparks and Adruenna A. Allen.

FLOWERS SWAT THE FLY

SWAT the fly! The summer battle cry is sounded again by Dr. E. A. King, acting health officer of Minneapolis.

Persons whose natures are adverse to killing, even if the victim is only the fly, can asphyxiate the pests with the sweet aroma of flowers, Dr. King said.

"Flies hate the perfume of geraniums, mignonette, white clover, honeysuckle, heliotrope, and hop blossoms, and bouquets of these placed on the table will keep the flies at a distance," said the health officer.

"Flies also dislike oil of lavender," he added. "If this is mixed with an equal amount of water and sprayed from an atomizer about the room the place will be free from flies."

Dr. King suggested that a room decorated in blue would be freer from the pests than one decorated in any other color, as flies dislike blue.

Book Reviews

On the Fringe of the Great Fight. By COLONEL GEORGE G. NASMITH, C.M.G. McClelland, Goodchild & Stewart, Toronto.

Dr. George Nasmith is too well known to the profession to need any introduction, particularly since he identified himself with military life and for which he was, much to the gratification of his medical confreres in Canada, decorated by His Majesty. There are perhaps few who are, from actual experience, in a position to speak so authoritatively of the fierce struggle now going on all over Central Europe as the author of "On the Fringe of the Great Fight." Dr. George Nasmith was there and *knows*. His work as a bacteriologist close to the Advanced Lines called forth the highest commendation, and his account of his experiences, first on Salisbury Plains and in London, and later before Ypres, during the second battle of Ypres, the work he and his associates did to protect our brave soldiers from the deadly German gas and his description of laboratory work in the field makes his book intensely interesting. The doctor who does not buy a copy and read it throughout will miss a great treat.

Shall Disease Triumph in Our Army? A plea for the reorganization of the Medical Department of the United States Army, by MAJOR LOUIS L. SEAMAN. Published by the American Defense Society, National Headquarters, 44 East 23rd St., New York.

Dr. Seaman was attache to the Japanese army in the Japo-Russian War. This book shows how Japan reversed the ratio of deaths from bullets to deaths from disease from 1 to 4 to 4 to 1. He extols the Japanese sanitary precautions most highly and contrasts their results with the horrible results obtained in the Spanish-American campaign, in which 45.14 men per thousand died from disease—a death rate $4\frac{1}{2}$ times greater than the Japanese.

Dietetics for Nurses. By Julius Friedenwald, M.D., and John Ruhrah, M.D. Fourth edition, revised and enlarged. Philadelphia and London: W. B. Saunders Co. 1917. Cloth \$1.50 net. Canadian Agents: J. F. Hartz Company.

This 12mo. of 467 pages appears opportunely. The importance of food in disease is now recognized as never before. This has resulted from the discovery that many gastro-intestinal, nephritic and hepatic ailments were cured or relieved by a correction in diet. The 8 oz. mixture has, for these affections, been discarded. The war, too, has further emphasized the importance of diet, both in respect to quality and quantity. Many hospitals are now employing dietitians and nurses are being trained in the subject of correct nutrition of patients. This book is an epitome of their large work, published for the medical profession; and what we said so favorably in regard to that publication may be taken for granted as applying to this timely volume. To our readers who do not own the larger work, we would advise the purchase of this one.

The Health-Care of the Baby. A Handbook for mothers and nurses, by Louis Fischer, M.D. Eighth revised edition. Funk & Wagnalls Company, New York and London. 1916. Price 75 cents.

This little book is written in a simple style and is extremely readable. It is very "meaty." It is full of pointers for medical students and junior practitioners who may not have had the opportunity of serving as intern or extern on a children's hospital. Explicit directions are given as to bathing, clothing, feeding, weaning and training the baby. Chapters are devoted to infantile ailments and their home treatment, if not serious, and their management until the doctor arrives, if serious.

The only criticism one might offer is regarding the price. We think 30 or 40 cents would be nearer its value *qua* book.

URASAL—relieves
RHEUMATISM and eliminates Uric
Acid

Sold by all Druggists and prescribed by
All Physicians
 Let us send you a sample.

FRANK W. HORNER Limited
 MONTREAL



REGISTERED TRADE-MARK

Delicious and Strengthening

**BAKER'S
 BREAKFAST COCOA**

has a delicate fragrance and flavor peculiarly its own, owing to the scientific blending of the cocoa beans and the perfect process by which it is made.

“One never tires of Baker's”

Booklet of Choice Recipes sent free.

WALTER BAKER & CO. Limited

Established 1780

MONTREAL, CAN.

DORCHESTER, MASS.

When writing advertisers, please mention The Hospital World.

An Effective Gastric Stimulant

WHEN in need of a something that will stimulate the secretion of gastric juice, physicians should not overlook or forget to suggest to their patient the use at their meals of Holbrook's Imported Worcestershire Sauce. It is as pure a food product as was ever turned out in any factory in the world, containing nothing but the highest grade of ingredients, including a Malt Vinegar that Holbrooks' Limited have been manufacturing since 1798. Another of the firm's products is Rose's Lime Juice, produced from the choicest limes grown in the West Indies. This preparation, iced, will be found most refreshing to the fever patient during the summer months. Particularly, though it is palatable and effective at any season of the year. It whets the appetite, removes fur from the tongue and frequently brings down the temperature.

The Sole of Perfection

THE attention of the readers of THE HOSPITAL WORLD is called to "Acme" soles, for use by hospital employees, particularly nurses. It is a well-known fact that a great many nurses, after but a few months of service, suffer from broken arches, which in many cases means that they are unable to continue on duty without frequent periods of rest. Anything, therefore, that affords greater comfort to the feet, in view of the long hours that most hospital officials are on duty, will be welcome. "Acme" soles will be found to give, not only increased wear, but utmost pliability and resilience, free from squeaking and slipping. They are ideal for use in institutions, and have already been adopted in quite a number throughout Ontario.

Window Guards for Hospitals

HOSPITAL Superintendents are well aware of the worry they are sometimes subjected to from improperly protected windows. More than one instance has occurred in Toronto alone where patients in a state of delirium have got out of the window and fallen to instant death on the pavement below. It is quite a problem sometimes to know what is the best way to protect windows, particularly in case of fire. The B. Greening Wire Co., Limited, Hamilton, Ont., manufacture a special wire for window guards. These guards are quite inexpensive and are most effective, the wire being sufficiently strong to prevent any patient from breaking through. What is more, these guards can be immediately removed in case of danger from fire. Hospitals will be acting in their own interests in communicating with the firm named and securing prices.

THE
**HOSPITAL
ELEVATOR**

SHOULD BE

SAFE—foolproof
QUIET—smooth running
DEPENDABLE — always
ready when needed

TO INSURE THESE
RESULTS INSTALL

The Turnbull Elevator Mfg. Co.
TORONTO
Passenger or Freight Elevators

Gunns

THIS INSIGNIA

indicates the highest
point of perfection
procurable in Govern-
ment Inspected Pack-
ing House Products.

Gunns
LIMITED.

WEST TORONTO



THE problem of
artificially feeding
infants during the heat-
ed term is complicated
by the danger of disease
transmission through
fresh cow's milk of
questionable origin.

Borden's Eagle Brand
Condensed Milk is pre-
pared under strictly sani-
tary conditions from se-
lected high-grade cow's
milk and sugar. Its purity
and cleanliness can be
safely relied upon.

Samples, analysis and
literature will be mailed
on receipt of professional
card.

Borden's Condensed Milk Co.
Montreal

Thermogene Curative Wadding

AT this season of the year how frequently the family physician will be consulted by the parents of children with susceptible chests. The days of the old-fashioned, sticky, clammy poultice are gone, with their discomforts. In place of them Thermogene is being rapidly adopted. It is a scientifically-prepared form of absorbent cotton, medically treated, possessing heat-generating properties, and will be found the delight of youngsters who "take cold" easy in the spring, when the weather is so changeable. Thermogene can be obtained through any druggist.

Baker's Cocoa

NOTHING is perhaps more refreshing for use by the convalescent sick than a pure Cocoa, properly prepared. As a sick-room beverage, it can hardly be excelled, being mildly stimulating and containing considerable nourishment. Baker's Cocoa can be recommended by physicians on account of its high quality and absolute purity. It is made of the best selected cocoa beans, scientifically blended, and contains no foreign elements. Baker's Cocoa is made in one of the most up-to-date factories to be found anywhere, a factory where sanitary conditions are at all times maintained.

Easifirst Shortening

A REMARKABLE result of the high prices on all fats directly occasioned by war conditions is the greatly increased use, particularly in home baking, of vegetable shortenings. Gunns, Limited, West Toronto, manufacturers of the famous Easifirst Shortening, report that housewives who heretofore had used butter or lard exclusively in baking, are turning in great numbers to the more economical and healthful vegetable fats, and that Easifirst Shortening has experienced a greatly increased demand.

Thomson Monuments

THE readers of THE HOSPITAL WORLD, and they number many thousands, would do well to bear in mind that there is one firm in Toronto who specialize in artistic monument designing, and that firm is The Thomson Monument Co., 862 Dupont St., Toronto. They make a point of carrying out individual ideas, and there is hardly a cemetery in Canada where their work cannot be seen. Their work is a credit to them, having nothing stereotyped about it. Any person desiring to procure something in the monument line *which will express something*, should consult Mr. Peter Thomson at the above address.

The
Heraeus Sun Lamp

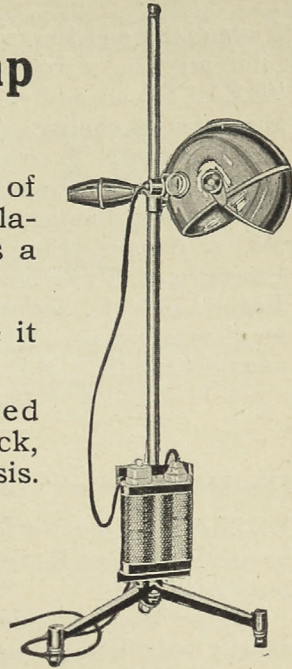
EVERY HOSPITAL NEEDS IT

In post-surgical treatment of wounds it promotes granulation, aids healing and exerts a tonic effect.

Military surgeons pronounce it
INVALUABLE
for sluggish and infected wounds and ulcers, shell shock, skin conditions and tuberculosis.

Send for Booklet H.

Hanovia Chemical & Mfg. Co.
Newark, N.J.



EPILEPSY
Dragées
Gélineau

DRAGÉES GÉLINEAU are an antineurine agent of the most rational type, being an association of Bromide of Potassium, Arsenic and Picrotoxine. The Bromide diminishes the reflex sensibility of the nervous system and the congestive predisposition of the cerebrum in **EPILEPSY**. The Picrotoxine has its action on the convulsive and spasmodic tendencies of neurotics, and, finally, the arsenic is the repairer of the nerve cells.

It is with perfect frankness, and with the utmost sincerity that, without pretending to cure every case of Epilepsy, we recommend to the medical profession **GÉLINEAU'S DRAGEES**, which have given to their inventor the most complete satisfaction for 30 years and have earned for him the gratitude of numerous sufferers. **GÉLINEAU'S DRAGEES** offer to the practitioner a superior weapon, giving him the possibility of a triumph in ordinary cases, and in all cases the certainty of at least a marked improvement.

General Agents for Canada:

ROUGIER FRERES, 63 Notre Dame St. East, MONTREAL.

ESTABLISHED NEARLY
A CENTURY
STEVENS

Contractors to
Canadian and British
Governments

**SURGICAL
INSTRUMENTS**

**HOSPITAL
SUPPLIES
and
APPLIANCES**

Sole Agents for
"AMERICAN"
STERILIZER
Most Modern
Design
Efficient
Construction

**LISTER'S SURGICAL
DRESSINGS**

Plain, Sterilized or Medicated Gauze
in small or large packages
or in bulk
from our own Laboratory

THE STEVENS COMPANIES

Toronto Winnipeg Vancouver
London, Eng.

When writing advertisers, please mention The Hospital World.

Electrically Lighted Surgical Instruments

PHYSICIANS and Surgeons, whether in private, special or hospital practice or both, should bear in mind that the letters "E.S.I.Co." on any electrically lit surgical instrument are a guarantee of quality. The Electric Surgical Instrument Co., of Rochester, N.Y., are the pioneers in this line. They manufacture Naso-Pharyngoscopes, Bronchoscopes, Oesophagoscopes, Gastrosopes, Laryngoscopes, Tongue Depressors, Nasal Specula, Auriscopes, Illuminated Eye Spuds, Transilluminators, Proctoscopes, Urethrosopes, Cystoscopes, Uterine Endoscopes, Vaginal Specula, Socket Current Controllers, and Socket Cautey Transformers. When ordering anything in this line, insist upon getting the "E.S.I.Co.'s" goods.

Dix-Make Nurses' Uniforms

DIX-MAKE UNIFORMS for Nurses have been officially adopted by the American Red Cross and many leading hospitals and institutions.

Those who have worn Dix-Make Uniforms know how unusually well these garments are cut, stitched and finished, and they will find them now even better than ever. The manufacturers intend to guard with unremitting care the splendid reputation which has been maintained for nearly twenty years, and shall continue to introduce improvements, big and little, so as to make it more than ever *worth your while* to ask for and insist upon getting *the genuine*, which always bears the label "Dix-Make."

It is the wish of Henry A. Dix and Sons that everyone who purchases a Dix-Make Uniform be so pleased with it as to ask for it again.

Ask for Dix-Make brand at reliable department stores, or remittance may be sent direct to us and your wants shall be promptly supplied through a responsible dealer.

Hospital Furniture

FOR almost anything in the line of hospital furniture (outside of the operating theatre or ward), hospital authorities should write the Gendron Manufacturing Co., Toronto. They manufacture a splendid line of goods for institutional use, particularly the lines shown in Catalogue C. One line worthy of notice is a chair equipped with carrying bars for taking patients up and down stairs. Without the bars, which can be instantly detached, this chair makes an ideal one for the library, verandah or smoking-rooms. Write for Catalogue C.

GILLETTE Safety Razor

THE GILLETTE RAZOR meets the hospital's demands for cleanliness, convenience, and reliability.

A blade of surgical cleanliness and keenness in the famous rigid grip of the Gillette holder ensures perfect shaving every time. No Honing; No Stropping.

The whole razor can be sterilized, and, if you so desire, a fresh blade can be used for every case.



Before the Operation

Gillette Razor Sets
Sell Everywhere
At Five Dollars

**Gillette Safety Razor Co. of Canada
Limited**

Office and Factory, 65-73 St. Alexander St., Montreal



When writing advertisers, please mention The Hospital World.

92% OF THE HOSPITALS

WHO FAVOR US WITH THEIR PATRONAGE, BUY

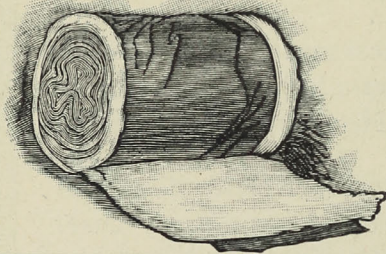
"ABSORBON"

The Low-Priced Absorbent Cotton of Quality

in preference to other brands, because it is better value at the price than any other brand on this market.

Guaranteed pure, sterile—passes through the same 50 different operations as our higher grades—sells for less because made from short staple cotton which costs less than long fibre cotton though quality is identical.

Investigate—A postcard brings samples and prices to your desk.



Maplewood Mills

Largest Manufacturers in the World
1296 Stafford Road, Fall River, Mass.

FLOWERS

For Your Patients

PHYSICIANS sometimes overlook the fact that a **bright, cheerful bedroom means more rapid recovery** on the part of their patient. Why not appeal more to the esthetic and advise the use of **Cut Flowers in the Sick Room?** It unquestionably pays.

We can supply Rose Bushes of the finest quality at \$2.50 per dozen.

Miller & Sons

FLORISTS

LAUDER AVENUE

tel. "Junction 700 W"

Toronto

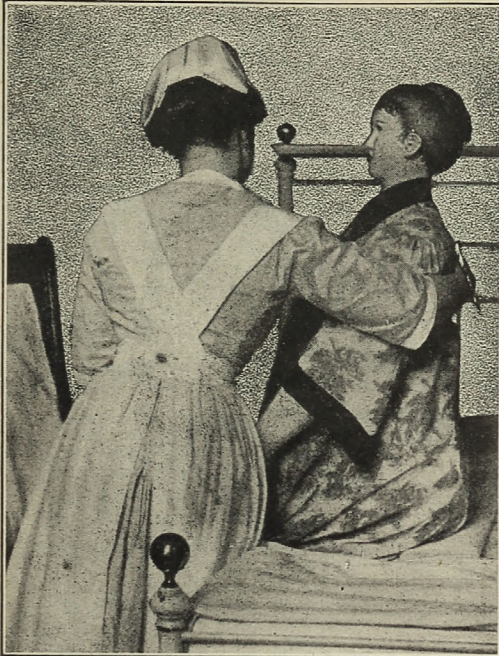
Why Buy Retail?

When Requiring

Hair Brooms
Corn Brooms
Mops
Floor Wax
Floor Dressing
Soap Powder
Soap Chips
Liquid Soap
Cleanser
Metal Polish
Sweeping Compound
Disinfectants
Brushes of every kind

Write for Prices and Samples to
The Advance Oil & Supply Co.
254-6 Niagara Street
Toronto

When writing advertisers, please mention The Hospital World.



DESCRIPTION OF DOLL.—Over 5 feet tall, made of finely woven stockinet. Is durable, waterproof and sanitary. Has copper Reservoir which has three tubes leading into it, corresponding in location and size to the urethra, vaginal and rectal passages.

The Chase Hospital Doll For Use in Training Schools

Adult size, also infant models, 2, 4 and 12 months, and 4-year-old sizes.

Chase dolls are well made of cloth, jointed, and painted with waterproof paint, with internal reservoirs.

The Value

of this substitute of a living model is found in the many practical lessons which can be taught in the class room, such as handling of patients, administering enema, douching, probing in the ear and nose cavities—in short, the complete care of the patient.



We make dolls without reservoir if desired. Send for illustrated booklet giving full particulars.

M. J. CHASE
22 Park Place, Pawtucket, R.I.

Put up in Barrels Specially for Hospitals

EVERY CENT SPENT FOR

Cleans and Scours
Pots, Pans, and all
Enamel Ware

Agents :

Maclure & Langley,
12 Front St. E., Toronto

H. P. Pannock & Co.,
Winnipeg



STAYS IN CANADA

THE B. & L. MANUFACTURING CO., LTD.
Sherbrooke, Qué. - Sole Manufacturers

When writing advertisers, please mention The Hospital World.



Acme

THE SOLE OF PERFECTION

¶ When buying new boots or shoes, or having worn ones re-soled, it is not a question of how long leather has been in vogue; it is a question of facing this fact: "Acme" Soles will outwear leather, and give more satisfaction all the time.

¶ If you commence wearing "Acme" Soles to-day, you will not discontinue wearing them even if after the war good leather is again plentiful. Superior shoe service will keep you using "Acme."

¶ The beauty of this new sole is that it will always be the same—the method by which it is made, and the materials from which it is made, are standard and cannot be very much influenced by either national or international complications.

¶ In other words, you can to-day, via "Acme" soles, order your shoe comfort a season ahead—bank absolutely on getting utmost wear, utmost pliability, utmost comfort; and bank absolutely on not getting any squeaking or slipping.

Colors: Black, White, Tan
"Acme" is a Dunlop product, and you are being invited to specify "Acme" because it measures up to the Dunlop standard.

**Dunlop Tire
and Rubber
Goods Co.
Limited**

Head Office and Factories
TORONTO



"THE SOLE OF PERFECTION"

HOSPITAL BUILDINGS AND RESIDENCES

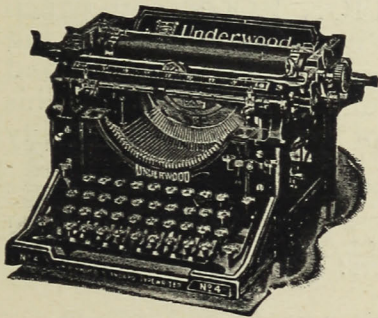
Should have Durability and Pleasing Appearance
NOTHING MORE SUITABLE THAN

SAMPLES SENT
ON REQUEST

Interprovincial Pressed Brick

QUALITY
SERVICE

INTERPROVINCIAL BRICK CO. OF CANADA, Limited
30 Toronto Street, Toronto Plant—Cheltenham, Ont.



PRETTY soon you will need a typewriter. Get a good one. It pays to invest in an Underwood.

UNITED TYPEWRITER CO.
Limited
TORONTO

A Hospital Germicide

The particular attention of Hospitals, Sanatoria, Asylums and all Institutions is called to

K. A. G.
Kills All Germs
DISINFECTANT

It will be found to be *the most effective germicide and bactericide on the market.* It positively kills all kinds of vermin and is indispensable for damp cellars, sinks, garbage barrels, cess-pools, drains and septic tanks. We direct the attention of Hospital Superintendents to K.A.G. knowing the annoyance that many Institutions suffer from such pests. We quote special prices to Institutions on large order.

THE DOMESTIC SPECIALTY CO., Limited
HAMILTON - ONTARIO

Attention: Hospital and Sanatorium Superintendents

Are your roofs giving you satisfactory service at a minimum cost? If they are not, or if you are contemplating any new Roofing work, why not let us, at our expense, give you the benefit of our Roofing experience?

The BARRETT SPECIFICATION ROOF, with which you are undoubtedly familiar, is manufactured by us, and on this type of roof we are prepared to give you a bond issued by one of the largest Fidelity Companies on this Continent, guaranteeing the roof for a period of twenty (20) years.

A few reasons why BARRETT SPECIFICATION ROOFS are superior to all others:

- 1.—They are permanent.
- 2.—Their cost per foot per year of service is far below the cost of any other roof on the Canadian market.
- 3.—They cost you absolutely nothing to maintain.
- 4.—They take the base rate of insurance.
- 5.—Your roofing troubles are over for twenty (20) years or more.

Our BARRETT SPECIFICATION Department, which consists of a staff of men who have had years of practical Roofing experience, is at your service and will be glad to give your special Roofing problem their immediate attention.

WE ARE ANXIOUS TO SERVE YOU

THE BARRETT COMPANY, Limited

Montreal

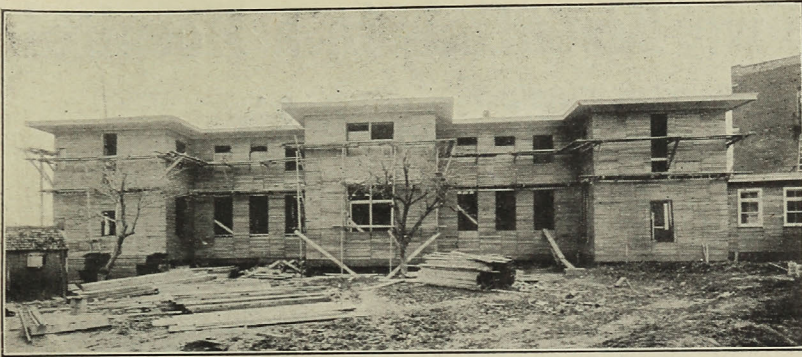
Toronto

Winnipeg

Vancouver

St. John, N.B.

Halifax



Photograph of North Toronto Orthopedic Hospital when in course of construction, showing Bishopric Stucco Board foundation for plaster.

SPEED AND ECONOMY COMMEND

Bishopric Stucco Board

FOR ALL HOSPITAL BUILDINGS

Particularly at this time, are Speed and Economy very essential in Hospital construction.

Often, additions and temporary structures must be built in the shortest possible time, with limited means, in the face of steadily increasing cost of ordinary building materials and labor.

BISHOPRIC STUCCO BOARD has the double advantage of saving time and money, while giving all of the advantages of brick, stone and lumber.

As far as cost is concerned, BISHOPRIC STUCCO BOARD takes the place of boarding, sheathing paper, furring strips and laths—saving the cost of these extra materials and fully 50% of the time. For temporary buildings, BISHOPRIC STUCCO BOARD can be used for walls inside and out, making a warmer, dryer building than can be constructed of ordinary lumber.

For permanent buildings and residences, BISHOPRIC STUCCO BOARD is used as a foundation for all interior plaster and for stucco for outside walls. It is made of heavy sheets of Asphalt-Mastic—one side surfaced with sized sulphide fibre board—the other, reinforced with kiln-dried beveled lath. It comes in sheets, 4 ft. wide and 4 to 25 ft. long, ready to be nailed to the studding. And the finished stucco wall shows a saving of from 53% to 60% compared to a stucco wall on ordinary foundation. Moreover, the wall won't shrink, swell, or warp, and stays dampproof.

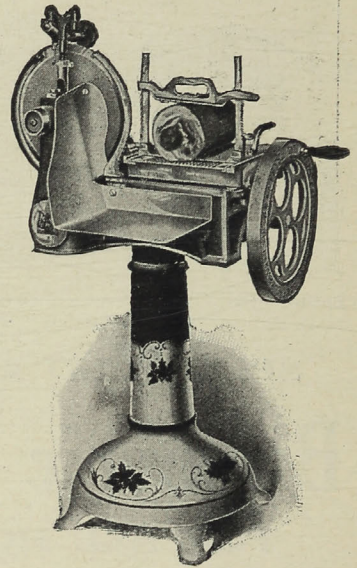
If you are interested in any new buildings for a Hospital, write us for more facts about BISHOPRIC PRODUCTS and samples. Address H.W.

BISHOPRIC WALL BOARD CO., Limited
Bank Street - Ottawa

Two Essentials in a Hospital

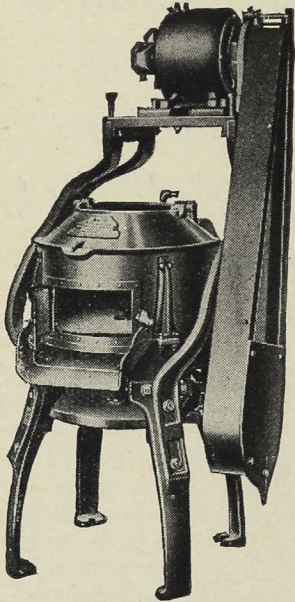
THE FIRST IS The Brantford Meat Slicer

This is the only Slicer made in Canada. It will cut all kinds of boneless meat to the last slice. There are no ends left, so that it costs money to be without, and saves money to use, a Brantford Slicer. Every slice is uniform and the machine can be so adjusted as to cut any desired thickness. The Brantford slicer is built to stand the wear and tear of any institution. It has ball bearings and crucible steel gears. It can be operated and cleaned with the greatest of ease, has automatic feed and is self-sharpening.



THE SECOND ESSENTIAL IS THE Brantford Vegetable Peeler

This machine is especially designed for peeling potatoes, and can be used to peel carrots, turnips, and onions. *Its use will save from 25% to 30% of the potato* and therefore pays for itself almost at once. Our twenty-six inch power machine will peel one bushel a minute, and will do the work better and quicker than 10 girls. The smallest potato can be peeled just as well as the largest. *Hospital, Sanatorium and Asylum Superintendents should buy now* and save both time and money.



We make also a *Hand Machine Potato Peeler*, which Institutions will find will save in time and waste far more than the initial cost.

The Brantford Computing Scale Company
BRANTFORD, ONTARIO

Toronto Office, 482 College St.

Flawless Work, With or Without Screen

Why waste time and trouble with two sets of plates when one will do the work?

Diagnostic X-Ray Plates

are equally good whether used for direct or screen work. Diagnostic plates are faster than the fastest hitherto manufactured. Easy to develop. Fix out clear and free from stain.

AMERICAN PHOTO CHEMICAL COMPANY
ROCHESTER, N.Y.

FOR SALE BY

White X-Ray Supply Co., Toronto, Ont.

B. C. Stevens Co., Vancouver, B.C.

National Drug & Chemical Co., Montreal, Canada

College 1752

College 2757

A. W. MILES
Funeral Director

396 COLLEGE STREET
TORONTO, CANADA

HEADQUARTERS
For Doctors' Cars

OPEN DAY AND NIGHT

Sussex Garage

H. W. ARNOLD, MGR.

Expert Repairs, Machine
 Work and Painting.

*We guarantee special attention to
 the Medical Profession*

SUSSEX MEWS

Lane South from 415 Bloor Street West

TORONTO

Phone Coll. 5574

Res. Phone Coll. 3131

When writing advertisers, please mention The Hospital World.

**Ingram
&
Bell**
LIMITED
TORONTO



Our Sundry Catalog
awaits your request

Hospital Supplies

Sole Agents for
BRAMHALL DEANE
HIGH PRESSURE STERILIZERS
WAPPLER TRANSFORMERS
and
HIGH FREQUENCY APPARATUS

Our Specialties :

Manufacturers of
HYPODERMIC TABLETS
COMPRESSED TABLETS
ELIXIRS, OINTMENTS, Etc.
FULL LINE OF DRUGS

A postal requesting quotations will receive
immediate attention.

No. 400

(Registered in
U.S. Patent Office)

DIX-MAKE
UNIFORMS

are the **correct** uniforms approved by the War Department for
nurses enrolled into service

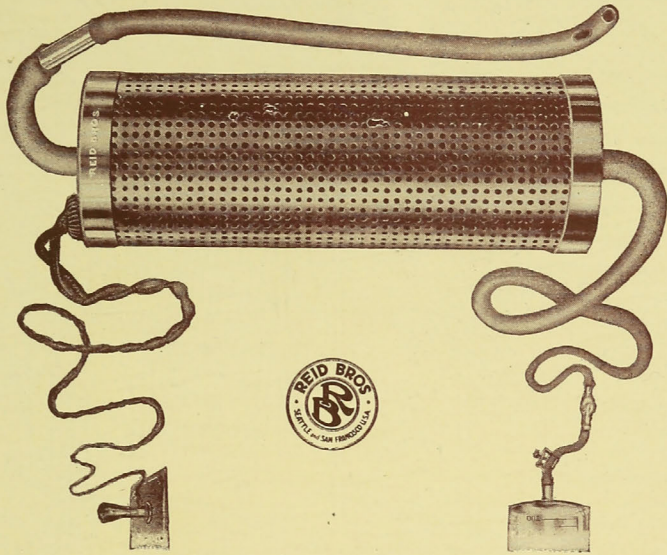
No. 400 was designed by us and is made of
high-grade white Dixie Cloth; cut and finished
with *exceptional care*. To be had at leading
department stores all over the country in
women's and misses' sizes.

WARNING
There are inferior imitations passed off as
"just as good." *Our label is our personal
guarantee of satisfactory service.*
Catalogue "EE" and list of dealers gladly
sent upon request.

No. 400 are the officially recommended uniforms and
were selected because of their superiority in every detail.

HENRY A. DIX & SONS CO.
DIX BUILDING NEW YORK





For Proctoclysis

Will positively maintain an unvarying temperature of the Saline Solution and deliver it to the patient at the exact temperature needed. A turn of the switch sets it at work, and it remains on duty as long as needed without attention from nurse or disturbance to patient.

No other method in existence can accomplish this highly essential result.

It is absolutely harmless—it cannot burn either patient or nurse. Costs practically nothing to operate!

It eliminates all uncertainty about the temperature of the solution—has taken the place of the unreliable, cumbersome hot water bag in scores of representative hospitals, and is heartily indorsed by all of them.

*Your name and address on postal card
brings free descriptive literature.*

Price complete, with electric cord, connecting plug, and pilot lamp, \$12.50

REID BROS. OF CANADA, LIMITED

"Hospital Supplies of Merit"

325 HOWE ST., VANCOUVER

Curity
TRADE MARK

Hospital Supplies

HOSPITAL GAUZE ABSORBENT COTTON
BANDAGE ROLLS ADHESIVE PLASTERS
BANDAGES WADDING
WATERPROOF SHEETING

LEWIS MANUFACTURING COMPANY
WALPOLE, MASS.

Branch Offices:
NEW YORK CHICAGO
OAKLAND, Cal.

PHILLIPS' MILK OF MAGNESIA

"The Perfect Antacid"

For Correcting Hyperacid Conditions—Local or Systemic. Vehicle for Salicylates, Iodides, Balsams, Etc.

Of Advantage in Neutralizing the Acid of Cows' Milk for Infant and Invalid Feeding.

Phillips' Phospho-Muriate of Quinine COMPOUND

Non-Alcoholic Tonic and Reconstructive

With Marked Beneficial Action upon the Nervous System. To be relied upon where a deficiency of the Phosphates is evident.

THE CHAS. H. PHILLIPS CHEMICAL CO.
LONDON · NEW YORK

Canadian Representatives: The Wingate Chemical Co., Ltd., 545 Notre Dame W., Montreal, who will be pleased to send samples upon request.