

Take a dry, wide-mouthed bottle capable of holding twice this volume; weigh into it half the quantity of liquid paraffin and shake; place the remainder of the liquid paraffin ready to hand. Boil the agar-agar with half the water for fifteen minutes, strain and add the other half of the cold water, boil and strain. Cool to 70° C., add to the liquid paraffin in the bottle and shake violently till the paraffin is finely divided. Add the remainder of the paraffin in three portions, shaking very vigorously after each addition; then shake gently till cool.—J. Elsenburg (*Pharm. Weekblad*, Vol. 69, 300).

STERILIZATION IN THE NEW SWISS PHARMACOPŒIA.

The new Swiss Pharmacopœia defines the following methods for obtaining sterile solutions:

- (a) Flaming.
- (b) Dry heat at 160° C. for one and one-half hours.
- (c) Dry heat at 120° C. for two hours.
- (d) Boiling for twenty minutes, either using a reflux condenser or replacing the evaporated water by sterile water.
- (e) Boiling in water for twenty to thirty minutes, adding, in the case of metal instruments, 1-2 per cent of sodium carbonate or of borax.
- (f) Heating in a steam sterilizer at about 100° C. for thirty minutes.
- (g) Heating in an autoclave at 110-120° C. for fifteen or twenty minutes.
- (h) Tyndallization at 60-65° C. for an hour on three successive days.
- (i) Preparation under aseptic conditions; in these circumstances the preparations are designated approximately sterile (paene sterilisatum).—From *Pharm. Jour. and Pharm.* 4/16/32.

PERSONAL AND NEWS ITEMS.

The *British Medical Journal*, London, contains the announcement, "that at a meeting of the Council of the Royal College of Surgeons of England, Lord Moynihan, president, in the chair, The Right Hon. Lord Dawson of Penn, P.C., G.C., V.O., K.C.B., K.C.M.G., Physician to His Majesty the King, and president of the Royal College of Physicians of London, and Sir Henry Wellcome, LL.D., F.S.A., founder of The Wellcome Research Institution, were elected Honorary Fellows of the Royal College of Surgeons.

The Royal College of Surgeons of England is one of the most exclusive scientific bodies in England, and the bestowal of this honor on Sir Henry Wellcome is very exceptional in that aside from members of the Royal Family, Sir Henry is the second person not holding a medical degree upon whom this rare distinction has been conferred, the first and only other recipient being the famous Field Marshall, Lord Roberts of Kandahar.

Sir Henry Wellcome is of American birth and is well known for his world-wide scientific work and extensive pioneer researches in connection with tropical diseases, including the founding of The Wellcome Tropical Research Laboratories at Khartoum on the Upper Nile Regions of the Sudan, Africa. He is also a Director of the Gorgas Memorial Institute, Washington, D. C., with its Tropical Research Laboratories at Panama."

Prof. Alex B. J. Moore has retired from the McGill University Department of Pharmacy, after a service of fifty-five years. It is hoped that he will attend the Toronto convention.

The Medal of the American Institute of Chemists for 1932 was awarded to Dr. Charles H. Herty. *The Chemist* for June features the occasion and is illustrated by group pictures and that of individuals who took part in the ceremony. The medal also is shown. Among the speakers were Dr. F. E. Breithut, Dr. Marston T. Bogert, Dr. Henry W. Jessup, Dr. John H. Finley, former Congressman, Joseph E. Ransdell, and Francis P. Garvan.

Mathias Noll, historian of Kansas Pharmaceutical Association, writes that the history he prepared and referred to in a preceding number of the JOURNAL is to be printed and he has promised a copy as a gift to the AMERICAN PHARMACEUTICAL ASSOCIATION.

The Washington Post, of July 2nd, gave an interesting account of the ground-breaking ceremonies and included a group picture. The address of Dr. Charles Moore was featured.

President Harvey A. Henry, on behalf of the California Pharmaceutical Association, extended hearty congratulations on the important event of ground breaking for the new home of the American Institute of Pharmacy and appointed Mr. and Mrs. W. Bruce Philip as delegates to represent the California association.

P. V. Keating, of Dallas, Texas, sent the following telegram to President Adams:

The eyes of Texas are upon us as our hearts are with you and wish you, the AMERICAN PHARMACEUTICAL ASSOCIATION and the American Institute of Pharmacy God speed, good fortune and a well-earned success. Texas asks you to dig deep into the soil of the national capital of the greatest nation in the world a place for the cornerstone of that institute destined to prove a magnificent gift and boon to world mankind.

President Hines, of the British Pharmaceutical Society, and President Adams, A. PH. A., will address the General Session of the Toronto meeting. Dr. H. J. Cody, president-elect of the University of Toronto, will be the principal speaker at the banquet of the CANADIAN—AMERICAN PHARMACEUTICAL Convention, August 22nd—his subject will be "Relations between Canada and the United States."

Louis Montanaro, of New Haven, was named president and Hugh P. Bierne, president of the Connecticut Pharmaceutical Association, was elected secretary-treasurer at the annual meeting of the state board of pharmacy.

A drug center and market place to be established in the St. Louis, Mo., Mart Building, will occupy 90,000 square feet in the merchandise and warehouse sections.

Of this space, 50,000 square feet will be in the warehouse division and 40,000 in the merchandise section. Ten thousand square feet will be devoted to a model drug salon, to be known as Drug Center, which will be under the direction of Alfred W. Pauley, a trustee and former president of the St. Louis College of Pharmacy. Mr. Pauley will be remembered as *Local Secretary*, by those who attended the St. Louis A. PH. A. meeting.

R. E. Lee Williamson made the presentation address of a silver service to Secretary E. F. Kelly at Ocean City, following introductory remarks by Samuel Y. Harris, who was *Local Secretary* of the Baltimore A. PH. A. meeting and thereby, contributed largely to its success. Mr. Williamson's address was well received and will be remembered for its descriptive words and beautiful presentation.

Ambrose Hunsberger, Philadelphia, Pa., has been named supervisor of alcohol permits for the third district of the Bureau of Industrial Alcohol, succeeding Samuel O. Wynne, who has retired from the federal service. Mr. Hunsberger is member of the Council A. PH. A.

On July first, Woods A. Caperton, nationally known to the wholesale drug trade, re-

linquished active connection with Eli Lilly and Company. In 1902, Mr. Caperton entered the sales department of Eli Lilly and Company. His success was so marked that two years later he was placed in charge of the New Orleans branch. In 1906, he was called to Indianapolis and made Assistant Sales Manager, and for many years directed the traveling service of this company.

For two years he was chairman of the Indiana State Tuberculosis Commission, appointed by the Governor to make a survey of the sanatoria maintained at public expense and to recommend a policy for their future extension. In this work he held meetings throughout Indiana to arouse public interest in the care of the tuberculous.

David F. Jones, of Watertown, former president of the AMERICAN PHARMACEUTICAL ASSOCIATION and veteran South Dakota pharmacist, was initiated into the national honor society of Rho Chi during a special ceremonial held at the State College, Brookings, late in May. Mrs. Jones accompanied her husband to Brookings.

On June 20, 1932, the University of Michigan conferred the honorary degree of Master of Science upon our fellow member, L. E. Warren. The degree was granted for meritorious contributions to pharmaceutical science. Mr.



L. E. WARREN.

Warren is *Chairman* of the Scientific Section, A. PH. A., this year. He is a former chemist of the American Medical Association and now of the U. S. Department of Agriculture. He was twice awarded the Ebert prize.

Dr. B. V. Christensen, College of Pharmacy, University of Florida, has received appointment as a member of the Committee on Pharmacognosy and Pharmaceutical Botany of the National Research Council. The membership of this committee as now constituted is: Heber W. Youngken, *Chairman*, Massachusetts College of Pharmacy; B. V. Christensen, University of Florida; W. W. Eggleston, U. S. Bureau of Plant Industry; E. N. Gathercoal, University of Illinois; E. L. Newcomb, 51 Maiden Lane, New York; H. H. Rusby, Columbia University; W. W. Stockberger, U. S. Bureau of Plant Industry.

President Walter D. Adams, A. Ph. A., presented the Alabama Association with a gavel, expressing the hope that it would be used at its centenary meeting.

Secretary W. E. Bingham was presented by the Alabama Pharmaceutical Association with

a beautiful office desk in recognition of his services for the past thirty-one years.

Mr. William Phillip Want, Ph.C., has retired from the editorship of the *British and Colonial Pharmacist* after a fruitful service of over forty years, first as sub-editor, from 1891 to 1901, and then as editor, from 1901, severing his long association with that journal after seeing the December issue to press. Mr. Want was apprenticed in 1881, passed the London Matriculation examination in the following year, and was senior Bell Scholar in 1885. For four years (1887-1891) he was dispenser at the Royal Hospital, Greenwich, under the late Dr. G. W. Armstrong, and then joined the *British and Colonial Druggist*, as it was then called. Mr. Want's successor as editor of the *British and Colonial Pharmacist* is Mr. A. C. Merrin, who has been assistant editor since 1901.

OBITUARY.

DAVID R. MILLARD.

David R. Millard, prominent pharmacist and president of the Baltimore Veteran Druggists' Association, died at Union Memorial Hospital, July 1st, aged 64 years. Death was due to bronchial-pneumonia. Mr. Millard was a native of Goldsboro, N. C., and came to Baltimore in 1894. In 1904 a partnership was established with Charles Morgan, the firm being Morgan and Millard, and their stores are among the best known in Baltimore. He was one of the organizers of the Calvert Drug Co.

His early education was received at Wake Forest College, North Carolina; later, he entered the University of Maryland and graduated from the Department of Pharmacy. He was a former member of the Maryland State Board of Pharmacy and had been its secretary.

Mr. Millard is survived by his widow, a daughter and two sons.

JOHN HAYWOOD HARDIN.

John H. Hardin, veteran pharmacist of Wilmington, North Carolina, and member of the AMERICAN PHARMACEUTICAL ASSOCIATION since 1881, died at his home May 30th, aged 79 years. A sketch of the deceased will be found in the February JOURNAL for 1931, page 89. Mr. Hardin moved with his parents to Wilmington, from Washington, the birthplace of the deceased, when he was still in his early teens.

He received his academic education in General Colston's Military Academy.

The North Carolina Pharmaceutical Association in recognition of his fifty years of useful service and membership, presented Mr. Hardin with a gold watch. The *Carolina Journal of Pharmacy* for April 1929, was a memorial number in his honor. The local papers speak of him as a valuable citizen and one who has given his support constructively to the up-building of the community. Modest and unassuming he endeared himself to a large circle of friends.

He is survived by his widow and the following children: Mrs. W. A. Dunn, Mrs. Thomas C. Darrst; Susan L., John H., Jr., Eugene B., and Mary B. Hardin.

FRANK E. MORGAN.

Frank E. Morgan, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, and founder of Frank E. Morgan & Son, Apothecaries, 1629 Walnut St., died June 10th at his home in Baederwood, near Jenkintown, aged 80 years.

He was born April 10, 1852, in Concord, N. H., and came to Philadelphia in 1876. He was graduated from the Philadelphia College of Pharmacy and Science in 1881.

Mr. Morgan then opened a drug store at 16th and Race Sts., and later moved to 1410 Walnut St. In 1889, he established the Walnut Street store, well known and favorably known as an