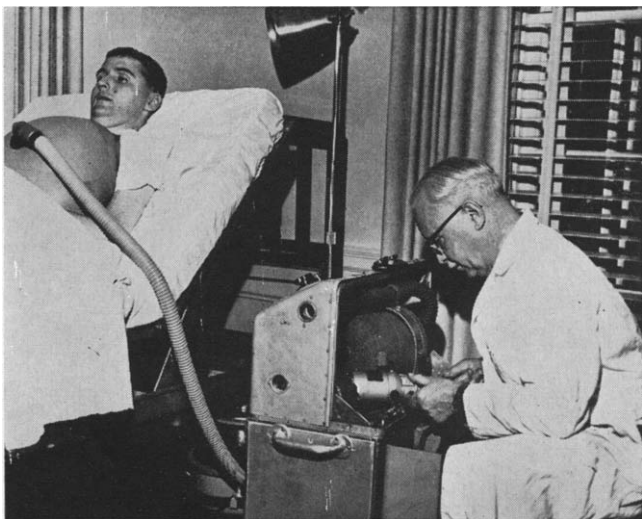


## • Hobby Department

FAMOUS in the American Oil Chemists' Society as a past president (1943) and an active committee worker, Lamar M. Kishlar Sr. (1935) is famous in the St. Louis area for an entirely different reason. He has become an expert in the repair and maintenance of breathing equipment for patients in homes and hospitals as the result of his son's experience.

Lamar Jr. was stricken with paralytic polio in August 1952, at the age of 25, when he was an electrical engineer with the Wagner Electric Company in Detroit. He was taken to the polio center at St. Anthony hospital in St. Louis and placed in an iron lung.

Then, according to a feature article in the St. Louis Post-Dispatch on December 30, 1960, "one night Bud's iron lung broke down. There was no one in St. Louis we could call to make the necessary repairs. It was a frantic time for me. My son's life was hanging in the balance. Finally another iron lung was obtained, and I decided right then I would learn how to be a respirator technician."



Paul Ockrassa, St. Louis Globe-Democrat

Mr. Kishlar studied textbooks on respirators and worked with spares from the National Foundation. In no time he had built up a spare parts department in the basement of his home at 312 Planthurst road, Webster Groves, Mo. And he was getting calls from hospitals and patients, referred to him by the polio centers.

Since the respirators were breaking down constantly, Mr. Kishlar was kept rather busy. He even repaired the motor controller for an iron lung at the City hospital, in which a resident physician was being cared for. Later, when the physician was moved to his home in Boston, Mr. Kishlar rigged up a series of automobile batteries in a portable frame for use in an ambulance from the hospital to an Air National Guard plane, in the plane to Boston, and again in an ambulance from the Boston airport to his home.

For his own son Mr. Kishlar, a graduate electrical engineer as well as oil chemist, built an unusual breathing device, which Bud uses when he is out of his portable respirator. It is a commercial vacuum cleaner of the type that is pulled around on steel skids. Mr. Kishlar took the motor out and re-installed it upside down so that it would push air out rather than pull it in, equipping it with filters. With flexible rubber tubing, taken from the gas masks of coal miners, and plastic tubing Mr. Kishlar directs the air to Bud's bed. Attached is a cigarette holder that Bud clamps in his mouth.

Mr. Kishlar has also made an aluminum frame in which to suspend an electric typewriter, which Bud uses by means of a mouth stick to strike the keys. One of his most valuable tools is a mechanic's stethoscope, by which he listens to the bearings of a respirator to make sure they are properly lubricated.

All this service to the community is on a no-charge basis. Mr. Kishlar puts it this way, "I must keep my amateur standing."

Before he retired in 1959, Mr. Kishlar was manager of vegetable oil sales for the Ralston Purina Company. Since then he has been a management consultant, specializing in European trade. He has made two extensive trips to Europe and has been extremely busy.

As professional and amateur, Mr. Kishlar is filling his own, 60's and the '60's of the 20th Century with engrossing activity, which is shared by his lovely wife, Carolyn Kishlar, a frequent visitor, with him, at A.O.C.S. meetings.

## • New Literature

SARGENT CATALOG 109. An encyclopedia listing 38,000 items of scientific instruments, apparatus, and chemicals (1,500 pages) for scientific men working in a professional capacity. Department 109, E.H. Sargent and Company, 4647 West Foster avenue, Chicago 30, Ill.

BULLETIN JNP-6 AND SRBC 27-61. A 2-page bulletin giving engineering information, cutaways, drawings, features, names of parts, materials of construction, ratings, flow curve, sizing charts, dimensional drawings, and prices for the stainless temperature regulators. OPW-Jordan, 6013 Wiehe road, Cincinnati 13, O.

BULLETIN 830. A catalog describing a new line of control instruments, including electric and pneumatic transmitters. Brooks Instrument Company Inc., Hatfield, Pa.

SCHLUMBERGER NMR ANALYZER. A 12-page brochure describing the analyzer (nuclear magnetic resonance) and its applications. Ridgefield Instrument Group, Schlumberger Corporation, Ridgefield, Conn.

POLYPROPYLENE GLYCOLS. A technical bulletin on polyethers and specifications sheets, giving new product information. Jefferson Chemical Company Inc., 1121 Walker avenue, Houston 2, Tex.

NEW BARNSTEAD DISTILLED WATER FAUCET BULLETIN NO. 167. A 4-page bulletin, illustrating the complete line of tin-lined and tin-coated draw-off faucets. Barnstead Still and Sterilizer Company, 165 Lanesville terrace, Boston 31, Mass.

ANSUL: CHEMICALS FOR '61. A folder listing eight chemicals in development quantities and 13 chemicals in commercial quantities, and a number of complete product brochures.

DODGE AND OLCOTT INC. A 36-page catalog (published semi-annually), listing descriptions and uses of products; and names, addresses, and telephone numbers of branch offices. Dodge and Olcott Inc., 75 9th avenue, New York 11, N.Y.

CVP RESINOTED. A quarterly magazine dealing with synthetic resins not only in the surface-coating industry but in adhesives, electrical, paper, foil, and laminating. Cray Valley Products Ltd., St. Mary Cray, Kent, England.

CARBOWAX. A new 65-page booklet, describing the properties and uses of Carbowax polyethylene glycols. Union Carbide Chemicals Company, Division of Union Carbide Corporation, 270 Park avenue, New York 17, N.Y.

Amory Houghton has been elected chairman of the executive committee of the Corning Glass Works, Corning, N.Y. William C. Decker will be chairman of the board of directors and chief executive officer; and Amory Houghton Jr. will become president.

Nat H. Nash (1948), formerly technical director for Lanco Products Corporation, New York, has gone to the Basic Foods Sales Corporation, 53 Bancker street, Englewood, N.J.

Elwood Booth Jr. has been named director of research for Solvay Process Division, Allied Chemical Corporation, Syracuse, N.Y.