

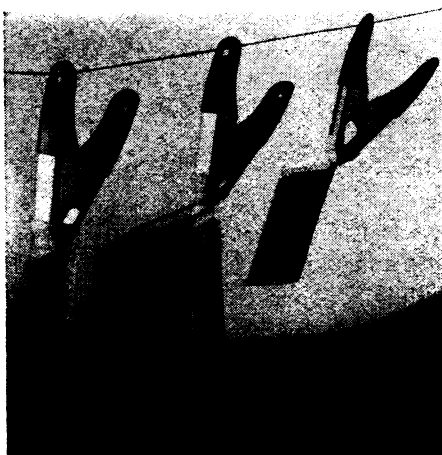
• New Ideas and Gadgets •

Ask for Gadget Bulletin 1380 for source information. Send self-addressed stamped envelope to SCIENCE NEWS, 1719 N St., N.W., Washington, D.C. 20036.

☛ **NIGHT LOCK** secures any door so that it cannot be opened even with a pass-key. Especially useful to women who travel or live alone, the pocket-size device is installed without tools. The user fits the device into the door creating a tight grip that cannot be forced, but still can be removed readily from the inside after use. It will not mar the door or frame.

☛ **CHEMICAL MODELS KIT** helps children learn and have fun at the same time. The kit contains 87 color-coded parts for building structures of chemical compounds and comes with an instruction booklet which lists more than 100 compounds and formulas, molecular weights, names and other information. No chemistry or other science background is needed for use.

☛ **RUST-INHIBITOR** is a rust preventing latex primer that is water-based and contains no oil or other flammable, slow-drying solvents. The primer goes on easily, dries quickly and can be painted over in an hour with the finishing coat. The inhibitor can be applied with a brush, roller or spray, and is also useful for automobiles—either for dip-coating or spot application.



☛ **NEW SPRING CLAMPS**, shown in photograph, are made with plastisol grips and tips to prevent marring of work. Useful to hobbyists, photo developers and do-it-yourselfers for gluing projects, model making, soldering and pattern holding, the jaws are formed to hold both flat and round objects. The clamps are shaped like spring-type clothespins and are easy to handle.

☛ **SLIDE WARMER** for use in cytology, histology, biology or pathology laboratories, provides a surface for warming 56 slides 1 by 3 inches in size at one time. Thermostatically controlled, the 14-by-14-inch surface is non-warping and supplies a uniform temperature continuously. Housed in heavy gauge steel, the warmer has four non-scratching neoprene feet that prevent shifting.

☛ **COLONIAL WALL HUTCH** made of knotty pine is reproduced in Early American styling. Suitable for kitchen, den, breakfast room and family room, the hutch has two drawers and three shelves and measures 20 by 19½ by 5½ inches. The unit comes ready to assemble and paint or stain. Easy-to-follow instructions are included.

☛ **LITHIUM METAL** made primarily for manufacturers of anodes for high energy density storage batteries and for experimental purposes, is available in 11 forms. The newest form is lithium metal ribbon that comes in three widths and thicknesses in standard spools of 30 feet for experimental use. Other forms include ingots, rods, particles and dispersions of the metal.

• Doctors Are Reading •

TB Vaccine Not Recommended Except In Special Cases In U.S.

Although tuberculosis is still a problem in the United States, the way to treat it or prevent it is not with the Bacille Calmette Guerin (BCG) vaccine except on a limited scale, U.S. Surgeon General William H. Stewart said.

The BCG recommendations resulted from a meeting of an 11-member panel of the U.S. Communicable Disease Center in Atlanta, and were reported in the Medical News section of the Journal of the American Medical Association 198:49, 1966.

The 1966 special panel's recommendations state that BCG should be reserved for situations when "modern methods for detection, isolation, and treatment by drugs cannot be applied. BCG should be used for the uninfected person or small groups of uninfected individuals living in unavoidable contact with one or more uncontrolled infectious persons who cannot or will not obtain or accept supervised treatment."

Multiple Sclerosis in Families

The closer the relationship the more likely are members of the same family to develop multiple sclerosis, the central

nervous system disease that attacks young people between the age of 20 and 40.

A survey of 2,900 relatives of twins, of whom one or both got M.S., revealed this, two doctors, reported in the Archives of Neurology 15:449, 1966.

The prevalence of M.S. among these relatives was 20 times that of the general population, decreasing as the relationship became more remote. Secondary cases were found in 22% of the families of twins.

Dr. Roland P. Mackay of Northwestern University Medical School, Chicago, and Dr. Ntinios C. Myriantopoulos of the National Institutes of Health, Bethesda, Md., reported the finding.

Cutting Costs of Hospital Drugs

The high cost of drugs could be cut considerably if they were not wasted through unnecessary use and overdosage, some authorities say. Perhaps 90% of antimicrobial drugs are prescribed needlessly, it has been estimated.

Dr. Hobart A. Reimann and Joseph D'Ambola of the Hahnemann Medical College and Hospital, Philadelphia, Pa., report a study of drug cost in the Archives of Environmental Health 13:631, 1966, in which examples of waste are given. One example was that of a child given dosages of drugs at a cost of \$99 four days after recovery.