

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 765. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **AUTOMATIC SPRINKLER** control for lawns solves the problems of water restrictions during shortages and sprinkling during vacations. Twenty-four-hour dial permits tripper arms to be set for the exact times when sprinkling is to begin and stop.
Science News Letter, February 12, 1955

⚙️ **PLASTIC TAPE** for joining cold and warm air ducts and sealing the joints in home and industrial heating installations is flame resistant. Designed for a one-wrap use on ducts, the tape withstands temperatures up to 240 degrees Fahrenheit.
Science News Letter, February 12, 1955

⚙️ **LIQUID GRAPHITE** pencil writes an erasable "lead" line like any other pencil, but will never wear or break its point. Capable of drawing a straight line three miles in length, the liquid graphite completely eliminates sharpening, as well as width variance in the lettering.
Science News Letter, February 12, 1955



⚙️ **PORTABLE GAS** lantern provides a source of instant lighting for use by hunters or campers outside, or for emergencies in the home. Operating on a safe, disposable steel cylinder of propane gas, the lantern, shown in the photograph, will burn brighter than a 100-watt bulb for nine hours on one fuel cylinder.
Science News Letter, February 12, 1955

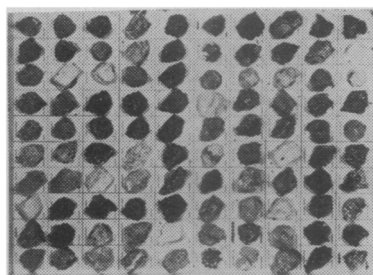
⚙️ **PARLIAMENTARY SLIDE** rule settles questions of procedure in seconds for committees and meetings. The transparent plastic slider gives answers to eight basic questions on 36 possible motions. Chart is based on "Robert's Rules of Order Revised."
Science News Letter, February 12, 1955

⚙️ **ZIGZAG STITCHER** can be quickly attached to sewing machines to allow decorative stitching described as possible in the past only on certain automatic machines. The automatic device is available in a wide variety of stitch patterns.
Science News Letter, February 12, 1955

⚙️ **MAGNETIC SOAP** holder imported from Denmark has a permanent magnet imbedded in its plastic body to hold soap in place. A small metal cap is pressed into the soap to hold it to the magnet. Installed in 60 seconds, the magnetic holder eliminates messy soap dishes.
Science News Letter, February 12, 1955

⚙️ **IRONING BOARD** cover has been treated with silicones and other chemicals to make it scorch-resistant. The "maglazed" cover "reflects" back enough heat from the iron to automatically iron the underside of a garment. Fitting all standard sized boards, the cover is also stain-resistant and needs no laundering.
Science News Letter, February 12, 1955

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Questions

ENGINEERING—Explain how you can reduce the volume of sound by adding more sound. p. 109.

MEDICINE—About how far away from an atomic blast should drugs be in order to be safe? p. 101.

PALEONTOLOGY—What is the name of prehistoric horse that roamed southwestern Wyoming? p. 104.

PHYSICS—What are some of the new uses scientists are making of atomic waste? p. 100.

TECHNOLOGY—What is the range of frequencies that are proposed for use in the new telephone waveguides? p. 99.

Photographs: Cover, Bell Telephone Laboratories; p. 99, Bell Aircraft Corp.; p. 101, Massachusetts Institute of Technology; p. 102, Hamilton Wright; p. 103, American Museum of Natural History; p. 106, American Heart Assn.; p. 111, Otto Bernz Co.



By H. A. MURRAY, M.D.

Author of *The Golf Secret*, the discoverer of the simple "left-shoulder method" that quickly helped thousands to power and accuracy in the golf swing, has just written a new book, **MORE GOLF SECRETS**.

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