

• New Machines and Gadgets •

⚙️ **ELECTRICALLY** operated scissors have a small elongated motor in the handle with three different-sized cams on its axis which can give three speeds to the one movable cutting blade. The other blade is a fixed extension of the cylindrical motor-housing handle.

Science News Letter, July 1, 1944

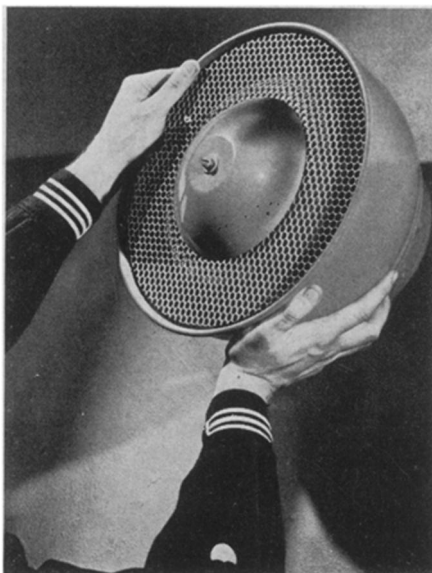
⚙️ **SAFE** pocket match package, circular in shape, holds two disks of matches between cardboard covers. One cover may be rotated and a match extracted through a slit on the side. The striking ends of the matches form the outer edges of the match disks, the striking strip is on the cover.

Science News Letter, July 1, 1944

⚙️ **LAUNDRY** markings, invisible in ordinary light but easily read in ultra-violet light, are made with crayons containing a fluorescent material. The method is now patented. Sticks of chalk, chalk and plaster of Paris, or paraffin wax, are used, the fluorescent material being one of several colorless organic dyestuffs.

Science News Letter, July 1, 1944

⚙️ **NAVY** loudspeaker, usable in great naval battles, is a high-powered unit 12½ inches in diameter and weighing



about 25 pounds. The illustration explains its nickname, the "salad bowl." Its base contains a transformer. The magnetic unit is fitted with a two-piece permanent magnet.

Science News Letter, July 1, 1944

⚙️ **BUTTONS** are fastened to clothing with small wire staples instead of thread.

by a newly patented device. A turn of the knob on the gadget twists the ends of the wire so that they will hold and cannot scratch the skin.

Science News Letter, July 1, 1944

⚙️ **HIGH-FREQUENCY** electrical method of canning or cooking foodstuffs saves time, improves taste and retains vitamins and minerals. Its wave-oven consists of a transformer coil, condenser, spark gap, and another coil which emits a high frequency field of 800 meters or less.

Science News Letter, July 1, 1944

⚙️ **AUTOMATIC** rat or mouse trap, electrically operated, quickly pushes any animal that enters its reception chamber into an electrocution compartment and the dead body out the rear. A light touch on a fine wire stretched across the center of the reception chamber operates an electric switch.

Science News Letter, July 1, 1944

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 214.

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