

• New Machines and Gadgets •

⊗ **STEPLADDER** usable on uneven surfaces has an adjustable supporting rear frame. The two rear legs are connected by cross arms pivoted at the corners, which in turn are pivoted to a fixed downward-projecting center piece hinged to the top of the ladder. A thumbscrew holds the frame in position.

Science News Letter, January 26, 1946

⊗ **SOAP SHEETS** are single layers of soap between two porous sheets of paper, and are for individual use to prevent the danger of transmitting skin diseases by the common use of a cake of soap. The paper, when wet, disintegrates and is carried down the drain pipe.

Science News Letter, January 26, 1946

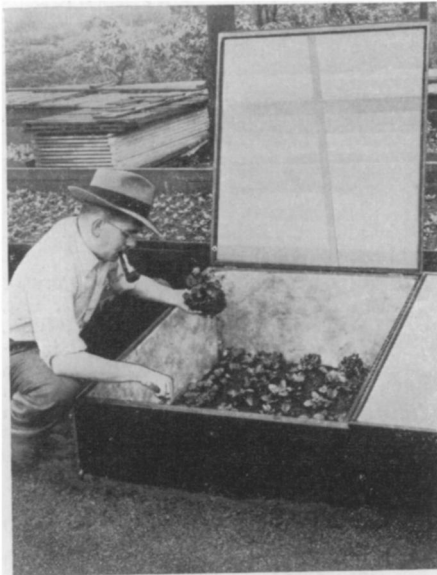
⊗ **MECHANICAL SHAKER**, called a test table, pitches and tosses packaged articles, giving them bumps and shocks similar to those they would get on a long railroad trip in a freight car. The device is used to determine proper packaging.

Science News Letter, January 26, 1946

⊗ **LEVERAGE** screwdriver looks like the ordinary tool when its power arm is closed because the arm is shaped to fit over half the handle. The arm is pivoted at the shank of the blade and can be turned at a right angle and used as a lever to help turn a sticking screw.

Science News Letter, January 26, 1946

⊗ **COLD FRAMES** for starting early vegetables are available in complete units that can be assembled with pliers and a



screwdriver. A section is shown in the picture. The frame is treated, painted steel, lined with Fiberglas for insulation. The cover is a wire-reinforced transparent plastic.

Science News Letter, January 26, 1946

⊗ **PROJECTOR-VIEWER** has a tilting section that permits pictures to be projected on a built-in ground glass screen or on a conventional home movie screen. It is housed in a three-piece molded plastic case, and is designed to handle two-by-two inch kodachromes, black and white slides, and dental X-ray mounts.

Science News Letter, January 26, 1946

⊗ **NYLON** drinking cups, available soon, can be dropped on the bathroom floor without damage and can be sterilized in boiling water or steam. The first-comers will be only in the natural color of the nylon, a translucent ivory.

Science News Letter, January 26, 1946

⊗ **ELECTRONIC INSTRUMENT** determines the interior condition of non-magnetic metal tubes in heat exchange units. Its long, flexible probe cable is inserted within the tube. The instrument detects and records all types of irregularities in the tubes.

Science News Letter, January 26, 1946

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 295.

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