

# • 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 718. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **WRENCH SETS** are packaged in a colored enameled holder that becomes a wall bracket for the wrenches when installed in the home workshop. Nine different sets are available, including five- and six-piece combination or box-end wrenches and 11- or 19-piece socket sets.

Science News Letter, March 20, 1954

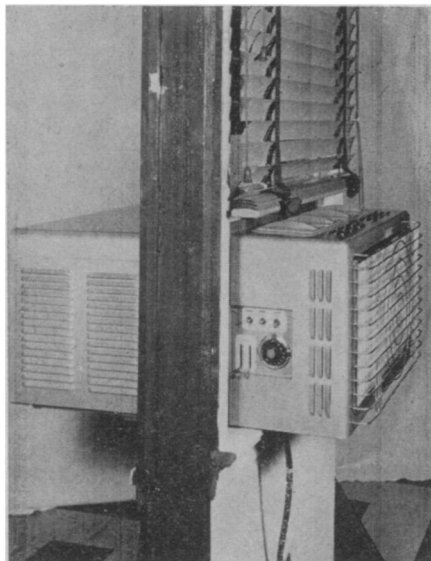
⚙️ **RIVET FURNACE** heats aluminum rivets electrically and feeds them to a riveter at a three-a-minute clip. The portable British device accepts rivets between  $\frac{1}{2}$  and  $\frac{7}{8}$  inch in diameter and up to three inches long. Driving time of a heated rivet is half that of a cold rivet.

Science News Letter, March 20, 1954

⚙️ **AIRCRAFT MOLDING** kit permits the home hobbyist to fabricate his own plastic parts and models, including such parts as motor housings, landing gear, vents, air scoops and canopies. The kit consists of an easy-to-shape glass cloth that, when treated with the special plastic, hardens to a rugged form.

Science News Letter, March 20, 1954

⚙️ **RADIANT HEAT-AIR** conditioning unit has been developed which is said to be ideal for new-room additions to houses.



Using a 15-pound, electro-thermal glass panel, the device warms the room in cold weather. Its thermostat switches it to air conditioning on hot summer days. It can be mounted in the wall or in a window, as shown in the photograph.

Science News Letter, March 20, 1954

⚙️ **CARBURETOR CLEANING** kit for the do-it-yourself motorist consists of a pint of a special carburetor cleaning fluid plus a "service kit" that includes a plastic tube, attachments, fittings, plug and 46-page instruction book. The cleaning fluid is applied directly through the carburetor.

Science News Letter, March 20, 1954

⚙️ **PRESSURIZED OIL** can is a spray gun affair that blows a fine mist of light-weight machine oil on tools, toys and sporting equipment to prevent rusting. The device also is useful in oiling things in hard-to-reach places, such as locks and springs.

Science News Letter, March 20, 1954

⚙️ **HOUSEHOLD GLUE** comes in a squeeze bottle that features an easy-applicator top with a flow control. Useful in handicraft projects, the bottle dispenses a fine line of a white liquid adhesive that dries to a tough, colorless film.

Science News Letter, March 20, 1954

⚙️ **DIAL-CONTROL PROJECTOR** is a restyled home movie projector that will appeal to women who dislike a mass of switches. Two TV channel-type selector switches do everything on this 8mm home projector. One turns the machine on and off. The other selects its forward, reverse, still and rewind functions. A 400-foot reel capacity permits 34 minutes of continuous projection.

Science News Letter, March 20, 1954

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## Do You Know?

In each of the last two years *traffic accidents* have killed more than 38,000 people, with 1,400,000 injured, and resulted in property and economic losses of nearly \$3.5 billion.

Suburban *population* has been growing four times as fast as the total population.

The government has contracted for design and engineering studies on a plant to produce between 7,000 and 8,000 tons of the important defense *metal* titanium annually.

A test-tube *stomach* has been devised to measure the nutritive value of whey, a by-product of cheese making.

*Fires* caused 12,360 deaths during 1953 in the United States and Canada.

The United States has 93,726 *dentists*, or one for every 1,677 persons.