

# • New Machines and Gadgets •

For addresses where you can get more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., Washington 6, D. C. and ask for Gadget Bulletin 474. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **GARDEN HOSE**, one-third lighter than ordinary hose, is made of a high molecular weight vinyl resin which resists oil, grease, sunlight, heat, cold, mildew and rot. This all-plastic hose, with an inside diameter of one-half inch, has full-flow capacity because of the smoothness of its inside surface.

Science News Letter, July 16, 1949

⚙️ **READING GLASS**, shaped like a ruler and with a lens over eight inches long, spans an entire line and magnifies the printing or writing two or three times. It is a self-supporting instrument that leaves the hands free, and can be adjusted to whatever angle or degree of magnification the user prefers.

Science News Letter, July 16, 1949

⚙️ **DOG COLLAR**, and leash, is the round leather collar type but is made of a specially developed pliable Vinylite plastic which has the important characteristic of low temperature flexibility. It is easily cleaned with a damp rag. A novel feature is an identification card built-in pocket.

Science News Letter, July 16, 1949

⚙️ **STITCHLESS COVERS** for household chairs, to re-upholster worn seats, as shown



in the picture, are made of two pieces of special plastic, with a filler between, heat-sealed into a "sandwich." The re-upholstering is easily accomplished by cutting to fit and tacking to the back of the wooden seat.

Science News Letter, July 16, 1949

⚙️ **DOG BATH** mixture, which comes in concentrated form in small capsules ready to mix with water, contains both cleansing detergents and controlled amounts of proper insecticides to kill ticks, fleas and mange mites. The synthetic soaps, containing steam-distilled pine oils, clean the animal's coat and leave no trace of stickiness.

Science News Letter, July 16, 1949

⚙️ **ELECTRICALLY HEATED** rubber strip, similar to those used to de-ice airplane wings and propellers, prevents the accumulation of frost inside frozen-food compartment doors or along the door seals of large deep-freeze units. It contains insulated resistance wires between layers of rubber sheeting.

Science News Letter, July 16, 1949

⚙️ **DAINTY PLASTIC** baskets in pastel colors, for individual servings of nuts or candy at a party dinner, have removable handles with plastic place cards attached on which names can be written, to be washed off later. When a larger card is needed, the handle is removed and a small slot on the edge of the basket holds the card.

Science News Letter, July 16, 1949

## Do You Know?

In protein value, fish is as nourishing as meat.

The little known metal *iridium* is nearly twice as heavy as lead.

About 70% of the oranges grown in America now reach consumers in processed form in cans or bottles.

Coal mining in Turkey started a century ago; the country has an estimated 500,000,000-ton reserve yet untouched.

A new variety of *sweet potato* does not crawl all over the ground like the ordinary kind but grows upright, like a bush one foot high.

About 25,000 tons of *palm oil* is used annually in the American steel industry; it is a lubricant in the cold reduction process of rolling steel sheet to a thinner type.

Scientists have discovered that the *eel* is a source of valuable oil, a poultry food and a fertilizer, as well as one of the richest vitamin packed foods in the world.

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