

# • New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE SERVICE, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 839. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

☛ **LATTICED LAUNDRY BASKET** for lightening washday chores is molded all in one piece from polyethylene plastic. Almost breakproof, the basket is so light that mother's little helper can handle it. It is available in red, yellow and turquoise.

Science News Letter, July 14, 1956

☛ **RADIO BICYCLE** is just what the name implies, a bicycle with a radio encased in its frame. To insure against tampering, a special tool is required to remove the screws and a special key to operate the set. A power pack holds the A and B batteries. The built-in bike radio is described as shock-, moisture- and freeze-proof.

Science News Letter, July 14, 1956

☛ **ALUMINUM PASTE** dries metal-hard in three to four hours. When solid, it can be drilled, filed, tapped or threaded. The plastic aluminum compound is designed to seal leaks in water lines, gutters and downspouts, as well as mend broken toys or fill holes and dents in cars.

Science News Letter, July 14, 1956

☛ **BOUNCING HORSE** for "cowpokes" one to six, shown in the photograph, has a tough hide molded of acetate plastic and airbrushed in natural palomino shadings. The saddle, molded right into the body, is



a detailed reproduction of a hand-etched leather saddle. The horse's legs, rests for the rider's hands and feet and frame are of natural wood.

Science News Letter, July 14, 1956

☛ **MIXING VALVE** produces hot water at any desired temperature from cold water

and steam. It is for use where only cold water and steam are available and designed for chemical processing, rubber vulcanizing, oil processing and canning operations. The mixer is available in 1/2-inch and 3/4-inch sizes.

Science News Letter, July 14, 1956

☛ **KITCHEN COOKER** is described as scientifically designed with a condenser top that allows a certain amount of steam to escape and at the same time retains enough extra heat and moisture. Available in eight-inch and 11-inch sizes, the cooker dry fries, browns, stews, casseroles and cooks both sides of the food at once.

Science News Letter, July 14, 1956

☛ **FLOOR TILES** that sparkle are made of vinyl resins impregnated with flakes of metallic color, including burnished copper, gold and silver. The tiles resist water, chemicals and abrasion. No special techniques are needed for installation, and they can be put over any existing sub-floor without expensive preparation.

Science News Letter, July 14, 1956

☛ **LIGHTWEIGHT SOLDERER** is a six-ounce soldering gun that is designed for heavy duty performance. Operating off any six- to 12-volt AC or DC supply, the gun develops operating temperature in four to six seconds. It has a pistol type casing and a tubular barrel for interchangeable tips.

Science News Letter, July 14, 1956

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7-14-6

## Do You Know?

Uranium recovery is now the biggest use of ion exchange outside the water-treatment field.

New York and Chicago together have as many automobiles as France and Switzerland combined.

A total of 862 cities of more than 5,000 population went through 1955 without a single traffic fatality.

About 20,000 kilograms of germanium were consumed in 1955 out of a total available supply of about 24,000 kilograms.

Multiple sclerosis, a disease of the central nervous system, was first noted in 1835 by Sir Augustus d'Este, a cousin of Queen Victoria.

Today, Dutch elm disease is known to occur in all states from Tennessee northward and from Missouri and Illinois eastward, and in Quebec and Ontario, Canada.