

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

⚙️ **ASBESTOS SIDING** shingle is treated with water-turning silicones so that rain-borne dirt will not mar the beauty of your house, and so that streaks will not appear under window sills. Made of asbestos fibers and portland cement, the shingles become stronger with age and have the permanence of stone.

Science News Letter, June 26, 1954

⚙️ **COLORED BATHTUB** caulk is packaged in a tube, like toothpaste, and is tinted blue, green, pink or tan to harmonize with your bathroom fixtures and tile. It dries in an hour to a tight waterproof seal that does not shrink or crumble. Its colors stand up to the most vigorous scrubbing with scouring powders.

Science News Letter, June 26, 1954

⚙️ **SPOTLIGHT FOR autos** is hand-held, or can be hung up by a hook on its back. Plugging into a cigarette lighter, the butyrate plastic spotlight can throw its beam one-quarter of a mile. It stores easily in the glove compartment, holding its 12-foot cord on a built-in reel.

Science News Letter, June 26, 1954

⚙️ **WATER SKIS**, made of a plastic reinforced with glass fibers, have great impact strength, will not splinter, do not need re-painting and have a smooth surface for fast skimming over the water. A special core



material makes the skis, shown in the photograph, float in water.

Science News Letter, June 26, 1954

⚙️ **FIRE STARTER**, particularly good for lighting charcoal under outdoor grills, is packaged in a push-button can and is squirted on the fuel. It can be applied to charcoal, briquettes or wood, and lit quickly with a match.

Science News Letter, June 26, 1954

⚙️ **BABY FOOD** jar handler is used to retrieve hot jars from saucepans and then is inserted in a holder which is attached to the high chair tray. Accommodating two jars at once, it also opens baby food containers so the lids may be reused for storage.

Science News Letter, June 26, 1954

⚙️ **MASONRY COATING** is a vinyl resin-base material that can be sprayed, brushed or rolled on walls of concrete, brick, cinder block, plaster, asbestos shingles or steel. Drying in 20 minutes, it seals pores to make the surfaces more resistant to weathering, abrasion, and moisture.

Science News Letter, June 26, 1954

⚙️ **JUICE EXTRACTOR** slings out the juice of fresh fruits and vegetables using centrifugal force. Powered by a ¼-horsepower motor, the machine does not crush or bruise the food. Its bowl is made of butyrate plastic, and a spout at the bottom delivers the juice to a drinking glass.

Science News Letter, June 26, 1954

Do You Know?

Viruses are living organisms capable of reproduction, but they also have some of the characteristics of inorganic matter.

One out of every six pounds of aluminum in this country goes into the manufacture of airplanes.

Schools have doubled their offerings in science in the last 24 years.

No place in North Carolina's 1,224-acre Mount Mitchell State Park is less than a mile above sea level.

An average person can oxidize the alcohol contained in a two-ounce drink of 100-proof whisky in three hours.

The smallest of all sparrows, the chipping sparrow, weighs less than one ounce.

Ultraviolet radiation produces genetic mutations, both lethal and visible, in fruit flies.

As early as 1546, an Italian, Girolamo Frascatoro, suggested in a book that diseases are caused by tiny organisms, with a specific one for each disease.

Because of extensive landslides, a large number of wells have been damaged or totally ruined in the Ventura Avenue oil field, the second largest current source of oil in California.



BIND and SAVE Your SNL Copies

With SCIENCE NEWS LETTER stamped in gold on front and spine, this excellent buff buckram binder costs \$2.50 postpaid. Snap new issues into the cover with a little unbreakable hooked wire. Remove any issue you desire and reinsert it just as easily. The binder holds 26 copies, opens freely, allows pages to lie flat, is strong enough to last for years.

BINDER

To: Science News Letter, 1719 N St.,
N.W., Washington 6, D. C.

Send me.....SNL binders at \$2.50
each, postpaid. My name is imprinted
to the left.

6-26-4