

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

⚙️ **CARPET SHAMPOO**, made by a British firm, has a built-in deterrent for moths and germs. Packaged in a tube, the shampoo mixes with enough hot water to clean 30 square yards of carpet.

Science News Letter, May 1, 1954

⚙️ **HOLDER FOR** half-gallon bottles of mineral and distilled waters converts the jugs into easily handled pitchers. The butyrate plastic handle encircles the neck of a bottle and snaps flexibly over the bottom.

Science News Letter, May 1, 1954

⚙️ **REFLECTING TELESCOPE** with a four-inch aluminized, paraboloid mirror has been developed for amateur astronomers who require inexpensive equipment. The mirror is protected with a quartz-like material containing zircon. Three eyepieces yield magnifications of 65 to 167 times. The telescope set includes an equatorial and alt-azimuth mount, a four-power viewfinder and tripod with hardwood folding legs. It comes ready to use.

Science News Letter, May 1, 1954

⚙️ **"RAIN BONNET"** is a large swatch of plastic that can be draped over hair and hat to give protection from rains, as shown in the photograph. Tying under the chin, the



bonnet is permanently pleated so that it quickly folds into a neat, tiny package for carrying in a purse on sunny days.

Science News Letter, May 1, 1954

⚙️ **CAULKING COMPOUND** is said to look and feel like white tile. Squeezed from a tube to fill cracks and crevices around sinks and tubs, the plastic rubber

compound is designed to resist shrinking, crumbling or discoloration. It dries overnight.

Science News Letter, May 1, 1954

⚙️ **FISHING-ROD CASE** is molded of a glass fiber reinforced plastic, like that being used in automobile bodies, and can withstand the shock of a 200-pound man jumping on it. Two inches in diameter, the rubber-capped case comes in lengths of 55, 46 and 39 inches, the longest of which weighs a pound. It will hold two fly rods or two or more casting rod tips and most spinning rods.

Science News Letter, May 1, 1954

⚙️ **ADJUSTABLE FEET** for wobbly furniture are inserted like casters into the legs of desks, china cabinets and buffets. A screw arrangement permits the length to be adapted to dips in floors, or to compensate for carpets when the furniture rests partly on hardwood floors.

Science News Letter, May 1, 1954

⚙️ **HANDY LID** converts ordinary Number 2 and Number 303 metal cans into containers for storing foods in refrigerators and freezing compartments. The reusable aluminum lid is pressed on after the can has been opened with a conventional kitchen can opener.

Science News Letter, May 1, 1954

Gadget Bulletin

AMERICA'S PREMIER LISTING OF NEW MACHINES AND GADGETS

The GADGET BULLETIN is a post card with names and addresses of manufacturers and inventors of the products described on this page every week.

Issued weekly to correspond with this Science News Letter column, each GADGET BULLETIN has a number to correspond with the number listed at the top of the column.

If you wish this Bulletin sent to you every week so that you can get information quickly on New Machines and Gadgets, send us \$1.50 for a one year subscription (52 cards for quick reference and easy filing).

I enclose \$1.50 for which please send me the weekly GADGET BULLETIN for one year. My address is imprinted at the left.

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OK.....

Do You Know?

An automatic pilot which promises to increase the safety and ease of operation of light airplanes has been successfully flight-tested by the Civil Aeronautics Administration.

Increased demands for high protein livestock feeds have cut fertilizer use of cottonseed meal, fish scrap and meat scrap.

The National Bureau of Standards has designed a whirling flywheel that tests 18,000 newly minted coins an hour on the basis of vibrations.

Production from 3,500,000 of the nation's 5,500,000 farms is so small that the farmer derives little benefit from price supports.

The city of Milwaukee has signed a contract allowing a private company to produce vitamin B-12 concentrates from its processed sewage sludge.

A mixture of water and alcohol sprayed into jet engines of bombers increases the thrust at take-off.