

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

⚙️ **SQUEEZE BOTTLE** window washer is designed to spray, clean and wipe a window dry in a single stroke. The complete unit includes the squeeze bottle, filled with a cleaning fluid, and a molded plastic head with a detachable rubber squeegee.

Science News Letter, October 17, 1953

⚙️ **RAZOR BLADE** sharpener hones double-edged safety blades while they are in the razor, wiping, drying and oiling them at the same time. The device is said to help the user squeeze 30 shaves out of each blade.

Science News Letter, October 17, 1953

⚙️ **NEW MAPS** show physical features of the U.S. and world much as they would appear in color aerial photographs taken from somewhere in space. These accurate maps can be obtained with state boundaries, capitals and major cities indicated. They are printed on tough paper for framing, or on a plastic-like paper for heavy roll-up duty in classrooms.

Science News Letter, October 17, 1953

⚙️ **SHOWER STALL** mat, measuring two feet on a side, is made of rubber to provide greater comfort in hard-floor showers. The mat's cup-like grips, shown in the photograph, are said to cling firmly to the shower floor to prevent slipping. Because drainage



holes are perforated in the material, the heat-resistant mat can be left in place when not in use.

Science News Letter, October 17, 1953

⚙️ **PLASTIC-COATED STEEL** and aluminum sheets now are available in limited production quantities. Bonded to the metal in a new process, the plastic lends excellent

weather-proof and corrosion-proof qualities to the metal it protects, extending the horizons for manufacturers of office and lawn furniture, truck body panels and building siding.

Science News Letter, October 17, 1953

⚙️ **SALAD SERVER** consists of a two-bowl unit with an air liner between them. The layer of dead air insulates tossed salads, potato salad and fruit sections, reportedly keeping them cool even after being removed from the refrigerator. The plastic bowl is 8 3/4 inches in diameter and stands 4 1/2 inches tall on three tiny legs.

Science News Letter, October 17, 1953

⚙️ **IRON-ON TRIM** decorates the borders of skirts, curtains, aprons and place mats in colorful plastic rickrack and scallop designs. Applied with an iron set at "cotton heat," the trim softens enough to grip the fabric firmly, and will stay on even through automatic washings. It can be used to hide raw edges and torn hems.

Science News Letter, October 17, 1953

⚙️ **WIND-UP BURGLAR** alarm is designed to rouse the sleeping householder with its penetrating ring and scare off the night prowler at the same time. The device is triggered by the movement of an arm which rests against the door or window being monitored.

Science News Letter, October 17, 1953

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Sound travels in rubber at only about 177 feet a second; it travels through air at 1,080 feet a second.

Canada is second only to South Africa in gold production.

Precision manufacturing and excellent maintenance of modern civil aircraft gives them a life several times as long as the average car.

Philosophy has proved the most popular of 13 courses offered for credit to TV viewers by the University of Omaha over commercial station KMTV.

Radioactive tracers permit scientists to observe the flow behavior of liquids without disturbing the flow patterns with measuring instruments.

Tiny mirrors so small it would take six to cover the head of a pin are being made for delicate electrical instruments.

