

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

⚙️ **WATER MERRY-GO-ROUND**, for children at the beach, is a four- or seven-foot inflatable tube on which are mounted four or six multi-colored, legless horses. Units are inflated separately. The inflated horses form safe saddles for youngsters between their high-held heads and erect tails.

Science News Letter, May 12, 1951

⚙️ **BOTTLE UNCAPPER** and recapper is a cigarette-long device with a rounded head on one end which is used as a bottle opener. The base, which is hollow and within which a strong plunger is concealed, acts as a recapper. The removed cap is re-usable because it is not damaged in removal.

Science News Letter, May 12, 1951

⚙️ **VINYLITE PAINTS**, factory fused-on awnings for windows and porches, provide longer life and better appearance than fabric awning with ordinary coloring. These resin-based paints make the awnings resistant to moisture, mildew, weather and atmospheric conditions.

Science News Letter, May 12, 1951

⚙️ **PACKAGING**, which permits delicate instruments to be dropped safely from airplanes, holds the object between two elastic diaphragms by controlled and variable air pressure within two interlocking shells of metal, plastic or paper. The diaphragms are sealed to the outer shell.

Science News Letter, May 12, 1951

⚙️ **LIGHTWEIGHT** slicing machine for use in stores, largely aluminum, has a weighing device in combination with it so that the slices cut off are weighed as they are made. Parts can be easily removed for cleaning.

Science News Letter, May 12, 1951

Do You Know?

Crayfish are a serious problem in some irrigation ditches; they dig by day and by night and develop leaks in dikes.

Motor vehicles contribute to air pollution from exhausts fouled by smoke, and by carbon monoxide and other gases due to improper engine adjustment.

Some 18,000 acres of reclaimed land in Greece, formerly too alkaline to produce rice but now "washed" with fresh water, are expected this year to yield 20,000 tons of this essential food.

A modified live virus vaccine, claimed to give lasting immunity against distemper in dogs, has been developed.



⚙️ **KITCHEN BLENDER**, for use in preparing drinks and various foods, has a square-shaped, quart-size bowl of transparent plastic with steel blades mounted in the bottom. The bowl fits over a motor shaft from a white metal base, as shown in the picture. Its high-speed blades will liquefy, chop, grind, or whip fruits and vegetables quickly.

Science News Letter, May 12, 1951

⚙️ **BOOKMARK**, a flexible plastic device which comes in many colors, will show both page and line at which reading ceased. It is a flat arrow with a flap grip on one end, to fit over the top of a page, and a slidable disk on its shaft with a pointer to indicate any particular line.

Science News Letter, May 12, 1951

⚙️ **TWO-CYCLE**, air-cooled diesel engine, developed by the U. S. Air Force, will operate with any type of liquid fuel used by the armed services, including diesel and jet fuel, kerosene and 100 octane aviation gasoline. Change from one fuel to another requires minor readjustment of injection timing.

Science News Letter, May 12, 1951

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