

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

⚙️ **PLASTIC BOTTLES**, for carrying cold drinks on a ride or to a picnic, are filled with the beverage in the home and frozen in the refrigerator. The freezing will not break the plastic bottle, and the contents remain cold for a long period after removal from the refrigerator.

Science News Letter, May 26, 1951

⚙️ **CEILING PAINTER**, to apply pigment by means of a roller, is a recently patented device consisting of an elongated trough to hold the paint and a roller attachment which rotates in the paint and against the ceiling. Wipers near the upper edges of the tank remove surplus paint.

Science News Letter, May 26, 1951

⚙️ **PUSH-BUTTON** gas range for the kitchen does away with the use of matches or gas pilot lights. An electric glow-coil does the igniting. When the button is pressed for a few seconds, the coil is heated. Then the gas is turned on and becomes immediately lighted.

Science News Letter, May 26, 1951

⚙️ **TELEVISION** is available to polio patients in iron lungs by means of a mirror attached to the lung and a television receiving set in which the coil controlling the horizontal reception is reversed, giving reversed images. The use of a mirror corrects these reversed images.

Science News Letter, May 26, 1951

⚙️ **BATTLE SUIT** for the Navy is an overall made of rubberized material as illustrated by the accompanying photograph. Its buoyant vest can keep a man afloat in the water. The lightweight vest



and a watertight face seal of the same material are a plastic containing millions of non-connecting cells of air.

Science News Letter, May 26, 1951

⚙️ **BALANCE ROD** for the stepladder is a yard-long stick of wood designed to clamp to the upper step of the ladder projecting vertically upward. The sturdy clamp is made of an aluminum alloy; the rod is grasped by one hand when the user is high on the ladder.

Science News Letter, May 26, 1951

⚙️ **FLASHLIGHT-LENS** combination has a magnifying lens at right angles to the ordinary lens of the flashlight which enlarges objects viewed below it by seven times. Housing for the lens directs the rays from the flashlight to the viewing field without direct rays to the eyes of the user.

Science News Letter, May 26, 1951

⚙️ **TWO-COMPARTMENT BATHTUB**, recently patented, is an elongated affair with a main bathing section and a secondary compartment for washing hair, clothes and the baby. The dividing partition has a depression to hold the head with the body in one compartment and the hair in the other.

Science News Letter, May 26, 1951

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Do You Know?

There are oases in the Arabian desert so malarious that the wandering Bedouins visit them only long enough to gather the date harvest.

There is an idea among many sportsmen that fish will not bite during a thunderstorm but others claim they have proved the idea false.

Much seed now planted by farmers is treated before being put in the soil with chemicals to destroy diseases that may be borne by the seed or the soil.

A wartime decree in Japan minimized the amount of bran and germ to be removed from rice in polishing, resulting in lowering the mortality rate from beriberi.