

# • New Machines and Gadgets •

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⚙️ **SQUEEZE-BOTTLE**, for delivering suntan or other lotions to the body in a spray, is made of an unbreakable plastic which is flexible enough to operate by merely squeezing. The bottle will bounce harmlessly when dropped on a floor, and it has a closure that prevents any leakage.

Science News Letter, June 17, 1950

⚙️ **BRIDGE-PIER** markers, which show on the radar scope of an approaching vessel, are said to delay a portion of the radar energy received, return the delayed energy to the vessel to give a distinctive mark on the scope. Ordinarily radar shows up a bridge but not the piers.

Science News Letter, June 17, 1950

⚙️ **BREAD CONTAINER**, for use in the pantry or refrigerator or on the table, is made of flexible polyethylene plastic and is the correct size to hold the ordinary commercial loaf of sliced bread. It has an air- and odor-tight traycover that keeps the bread fresh and tasty.

Science News Letter, June 17, 1950

⚙️ **ALL-PLASTIC CONCERTINA** for the youngster is accurately tuned in the key of C with seven plastic keys actuating 18



tuned reeds. The six keys shown in the picture play 12 notes of one and one-half octaves. A single bass key at the other end plays six notes for chord accompaniment.

Science News Letter, June 17, 1950

⚙️ **WATER CHLORINATOR**, for home use, can be inserted in the water-delivery line and uses an ordinary household bleach to supply the chlorine. In the device, part of the water is diverted from the main

flow to create a vacuum to draw the chlorine solution into it.

Science News Letter, June 17, 1950

⚙️ **HIGH-SPEED** motion-picture camera has been developed by the U. S. Navy for recording phenomena like underwater explosions and projectile behavior. It is a 20-lens device which will take up to 2000 frames per second. A high-intensity light is used with it to take pictures in darkness.

Science News Letter, June 17, 1950

⚙️ **IMITATION CANDLE** for the dining table, made of a plastic and resembling closely the long-used wax candle, uses ordinary lighter fuel to give the flame. A fuel well is concealed near the top, and a wick from it through a metal cap feeds the fuel to the flame.

Science News Letter, June 17, 1950

⚙️ **ALUMINUM CHIMNEY**, for use in dwellings, has a vitreous-enamel-coated steel flue in the center enclosed by two concentric aluminum ducts. Outside air is drawn down the outer duct, to travel upward to the inner duct, cooling the steel flue.

Science News Letter, June 17, 1950

## Do You Know?

Good-quality *green peas* have bright pods, velvety to the touch.

The greatest relative *growth* of a child in any one year is the first.

A new estimate of the age of the *earth*, based on the isotopic constitution of lead-rock, is 3,350,000,000 years.

Some commercial *laundries* mark clothing with an ink which is invisible except when under ultraviolet radiation.

Careless use of a *lawn mower* about young trees on the lawn may bruise the bark and injure the tree seriously.

*Foam rubber* has greatly increased in usage since the war; because of its porous, air-filled structure, it is an excellent material for cushioning.

White pine *blister rust*, a destructive disease for white pines, does not pass from tree to tree but lives a part of its life cycle on currant and gooseberry bushes.

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