

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

⚙️ **OSCILLATING FAN** for the coming hot weather is entirely housed in a tough plastic with a metal grille. The 10-inch fan, unlike others, employs a drive mechanism rather than gears. Four moving vanes inside provide a wide sweep, or they can be stopped to send the air in only one direction. A topside knob is turned to convert it from straight-blow to oscillating.

Science News Letter, April 23, 1955

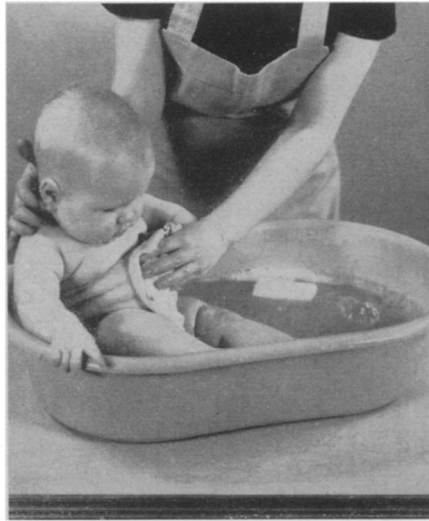
⚙️ **SAFETY LOCK** requires no tools, cutting, drilling or screws. It can be installed permanently or temporarily on any inward opening door by placing the lock on the jamb and closing the door. Grippers hold the lock in place. It is small enough to be carried while traveling.

Science News Letter, April 23, 1955

⚙️ **FAUCET HEATER** converts cold water taps into hot water faucets automatically and instantaneously. Weighing only three pounds, the water-heating device can be attached to faucets up to 15/16 inch in size. Temperature of the water is controlled by the faucet's handle.

Science News Letter, April 23, 1955

⚙️ **BABY BATHTUB**, available in pink, blue, yellow and white, is molded of tough and easy-to-clean plastic. The soft surface



is gentle for both the baby and the table upon which the tub rests. With a rolled rim for easier handling when full, the tub, shown in the photograph, is 23¼ inches long, 16 inches wide and 5¼ inches deep. It weighs 1¾ pounds when empty.

Science News Letter, April 23, 1955

⚙️ **NON-OILY penetrant** for loosening corroded nuts or bolts is an odorless chemical

formulation that is nonflammable. Available in half-pint and pint containers, the penetrant is applied and allowed to act for several minutes. Metal parts which have become frozen are then tapped and disassembled.

Science News Letter, April 23, 1955

⚙️ **RIDING SULKY** attached to a power mower allows the Sunday lawn-cutter to sit and cut in comfort and with ease. Steered with either handles or foot-controls or both, the sulky and mower can be turned in a 36-inch circle. The sulky can be adapted to fit most other standard power mowers, and is available separately.

Science News Letter, April 23, 1955

⚙️ **MERCURY BATTERY**, smaller than a dime, provides a low-drain power source for many types of electronic equipment. Measuring only .225 inch in height and .605 inch in diameter, the miniature battery weighs 4.5 grams. It can be used in testing devices, circuits, communications, digital computers and radiation detection instruments.

Science News Letter, April 23, 1955

⚙️ **REVERSIBLE COLOR film** is three times faster than regular color film with a daylight exposure index of 32. Described as giving truer color reproduction, the new high-speed daylight film can be exposed indoors with electronic flash or blue flash-lamps.

Science News Letter, April 23, 1955

CITY DWELLER?

You too can have a garden NOW . . . indoors with a SOILLESS GARDENING KIT

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4-23-5

Do You Know?

The average physician who works 60 hours a week, spends about 10 hours a week keeping up with developments in his field.

The first American helicopter was flown in 1922, but not until 1953 did the production of civil helicopters exceed 100 annually.

A cup of cottage cheese, if used without being creamed, has five times as much protein and one-third the calories of a cup of milk.

Hogs were found to gain weight more quickly and more economically if they had plenty of fresh water during freezing weather.

A cow in the shade can be worth five in the sun; tests show that milk production can vary from 7.1 pounds in 105 degrees Fahrenheit temperature to 35.5 pounds at 51 degrees.

Science News Letter, April 23, 1955