

# • 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 535. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription. (Gadget Bulletins 533-534 are not appearing due to error in numbering.)

⚙️ **WATER SYSTEM** for the home will pump 250 gallons per hour from a 22-foot depth but is small enough to put under a kitchen sink. Within the unit is a 10-gallon pressure tank, a jet pump and a motor unit, all housed in a casing 27 inches high and 16 inches in diameter.

Science News Letter, September 9, 1950

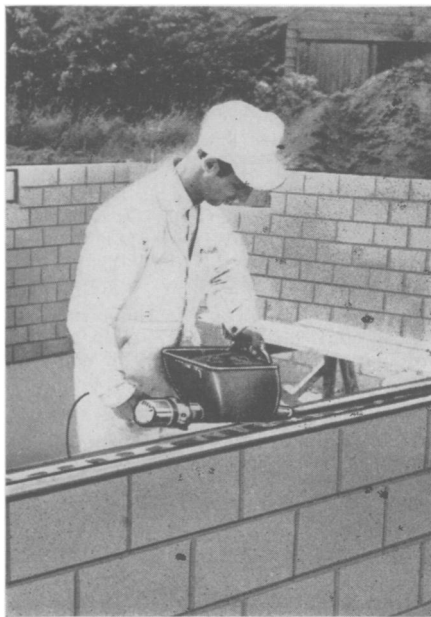
⚙️ **FOUNTAIN TOOTHBRUSH**, a recently patented gadget, has rubber hose connection from a faucet to the end of its tubular handle through which water is delivered to the bristles. Its feature is an attachment device at the end of the handle, so that different brushes may be used.

Science News Letter, September 9, 1950

⚙️ **FILM VIEWER** for transparent slides in two-by-two-inch cardboard mounts holds 20 slides and permits them to be viewed rapidly one after another by a finger movement. After viewing, slides are returned to their original position in their original sequence and can be re-viewed.

Science News Letter, September 9, 1950

⚙️ **MORTAR GUN**, shown in the picture, is for use in applying mortar on bricks or



blocks without the skill required in trowel application and with less waste. It is an electrically-operated device with an end-

less screw inside of the type used in familiar meat grinders.

Science News Letter, September 9, 1950

⚙️ **SEAMLESS ALUMINUM** sheathing for telephone and electric power cables, already in experimental use, is thinner, stronger and lighter in weight than the usual lead tubing. The new sheathing, produced by a cold reduction process, is softer and more flexible than earlier aluminum sheathing.

Science News Letter, September 9, 1950

⚙️ **ZIP-SLEEVE RAINCOAT**, designed in the U. S. Department of Agriculture, has cape-like sleeves which can be worn open on the front or closed by means of a zipper. It can be made of either water-resistant cotton fabric or water-proof plastic film.

Science News Letter, September 9, 1950

⚙️ **PLASTIC HAND**, which can be stuck on a wall in the home by means of a suction cup, is a handy holder of neckties, hosiery, towels and lingerie when any of these articles are tucked on its outstretched fingers. When not in use, it folds up and back against the wall.

Science News Letter, September 9, 1950

## Do You Know?

The secret of restful sleep is the ability to relax.

India has about 170,000,000 cattle, or one-third of the world's cattle production.

Brain workers require more sleep than persons whose work consists of physical labor.

Jaws of small animals, with the teeth left in, were used to comb the hair of early women, it is said.

Ragweed pollen is believed to be responsible for 70% of the hay fever cases in the eastern United States.

Cows with good bedding in the dairy stable spend more time lying down than they would otherwise; this saves energy and increases milk production.

Rubber fenders, extending half way around each wheel, are being tested on streetcars; they keep mud and dirt from electrical parts, do not corrode, and never rattle.

An extra fillip for every week . . .

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