

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE SERVICE, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 823. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **REFLECTOR FLASH UNIT** for cameras combines the light-reflecting efficiency of a polished surface reflector with that of a matte surface for even light distribution. Powered by either dry cells or B.C. cartridges, the flash unit can be removed for storage.

Science News Letter, March 24, 1956

⚙️ **CRACK FILLER** is ready mixed and comes in a spout-top squeeze package. The compound is described as chipproof, peel-proof and crackproof, and will take nails and screws. It is available in eight colors and four woodtones to match home decoration.

Science News Letter, March 24, 1956

⚙️ **WATER PURIFIER** for homes, farms, ranches and roadside stores consists of an automatic chlorinator, a water filter and the necessary hardware for installing it. The small, eight and one-quarter inch filter can be installed in any kitchen.

Science News Letter, March 24, 1956

⚙️ **CLOTHES LINE REEL**, shown in the photograph, is designed to be hidden in the basement or garage. The free end of the line is tied or hooked to a tree or pole outside. When not being used, the released



line automatically snakes back inside and winds itself around the reel. It operates under spring tension.

Science News Letter, March 24, 1956

⚙️ **UNDERGROUND SPRINKLER SYSTEM** can be installed by the home gar-

dener with only a few tools. It features solid brass sprinklers, stainless steel clamps and polyethylene plastic pipes that resist freezing, rotting and corrosion. Instructions for installation comes with the 47-piece kit.

Science News Letter, March 24, 1956

⚙️ **PORTABLE DICTATING INSTRUMENT** weighs only six pounds and can be carried in a brief case or over the shoulder. The microphone, power cord and a supply of recording discs are self-contained. The disc, which operates on 33-1/3 rpm machines, can be mailed to home or office from "on the road."

Science News Letter, March 24, 1956

⚙️ **HOME WAXER** holds as much as a pint of liquid wax in its transparent handle. Fingertip pressure releases the liquid to the waxing pad. The removable waxing pad has four application surfaces and can either be washed or thrown away. The handle is made of butyrate plastic.

Science News Letter, March 24, 1956

⚙️ **UTENSIL SET** contains a knife and fork that fit together to form a small portable dinnerware kit. Imported from Germany, the utensils are made of stainless steel and cherry wood. The eight and one-half inch long set can be carried in the purse or pocket.

Science News Letter, March 24, 1956

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Do You Know?

Standards for boys' knitted outer clothing are based on measurements of 66,000 boys living in various parts of the United States.

Specialists have expressed the opinion that polio as a major cause of crippling or fatal disease may be eliminated within two years.

Pigs weighing 100 pounds gain an additional 100 pounds on less feed when they are kept at about 70 degrees Fahrenheit.

A method for giving a permanent curl to chicken feathers to obtain bulking qualities comparable to goose down has recently been developed.

Compared with hand hoeing, chemical control of weeds in Mississippi Delta cotton during 1954-55 cut labor needs by as much as 80%.

White carnations have been changed into red ones by high-energy nuclear radiation.