

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

☞ **SOAP SCRAP BAG** makes it possible to use up small pieces of soap even to the last chip. It is a small net bag made from twisted paper cord rubberized with neoprene, and can be used in dishwashing, laundering or bathing, allowing lather to be produced freely by rubbing between the hands.

Science News Letter, November 19, 1949

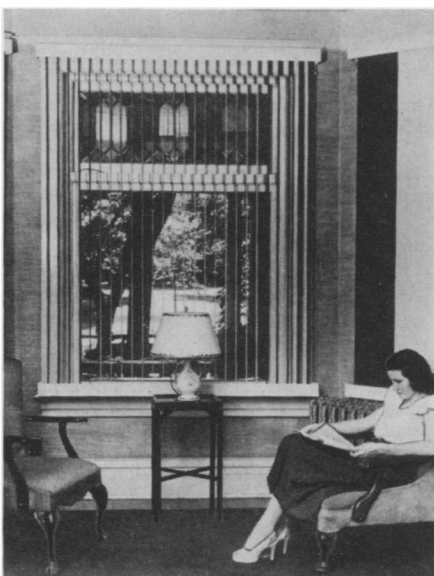
☞ **WETTING MACHINE** to apply adhesive paste to wall paper, recently patented, is a simple device with a box to hold the paste mixture and two rollers over which the paper is drawn. The first roller, which dips into the paste, brings the adhesive to the paper; the second completes its spreading.

Science News Letter, November 19, 1949

☞ **GOLF BALL COLLECTOR**, for use on driving ranges where there are widely scattered balls to pick up, is a two-wheel affair, lawn-mower-like, with flexible fingers on the rotating axle to drive the balls up a ramp of wires to a receiving basket. Grass and dirt are sifted out in this newly patented device.

Science News Letter, November 19, 1949

☞ **VERTICAL BLINDS** that combine curtains, draperies and blinds in one unit, as shown in the picture, have upright plastic strips that form the lowers. Pressure on a



concealed control rod opens or closes the lower to any degree, and each of these fabric parts may be removed for cleaning by slipping it from tiny hooks at the bottom and top.

Science News Letter, November 19, 1949

☞ **ALUMINUM DIVING BOARD** for the swimming pool has plenty of strength and

spring for all sorts of fancy diving and, in addition, can never become waterlogged and is resistant even to saltwater corrosion. It is made of three sizes of square drawn tubing, telescoped together.

Science News Letter, November 19, 1949

☞ **PAINT BRUSH COVER**, recently patented, is designed to keep the bristles in condition for reuse after the brush has already been used. It is an airtight elastic sheath with a reduced neck to fit the handle and a skirt at the other end which can be folded back to overlie one side of the sheath.

Science News Letter, November 19, 1949

☞ **FLAG LIFTER** for rural free delivery mail boxes automatically raises the flag when the box is opened. The flag remains raised even when the box is closed until lowered manually by the housewife.

Science News Letter, November 19, 1949

☞ **HEARING AID**, for use in auditoriums by persons with normal hearing, is a complete tubular unit, vest pocket size, which contains microphone, batteries and complete transmitting system to lead magnified volume direct into the ear. In use it is merely held to the head, with a conductor inserted in the outer ear.

Science News Letter, November 19, 1949

Do You Know?

Very few women drove automobiles before the *self-starter* was invented.

Golf balls owe their brilliant white to paints containing titanium oxide.

Birds have been observed at Yellowstone's Mammoth Hot Springs Terraces standing in the clouds of steam and seeming to be enjoying a Turkish bath.

Vanillin, ethavan and coumarin, all long used to enhance the *aromas* of food, are now used to add a fragrant odor to paper to be used to wrap candy, cookies and ice cream.

Smog is usually thought of as a combination of smoke and fog but smog forms over areas where there is little smoke; dusts and industrial fumes are thought to be responsible.

Wooden *beer barrels* have a life of about six years; the stainless chromium-nickel steel barrels now used have a life three times as long and they are only one-half as heavy.

Chemistry Show Book

Flares!

Surprises!

Bangs!

A handbook of recreational material—spectacular stunts for demonstration—and amusement, including three plays, complete with directions for staging over 50 chemical experiments.

A VALUABLE HANDBOOK FOR
Teachers • Chemists • Students

Enclosed please find \$_____ for
_____copies of the CHEMISTRY SHOW
BOOK as marked below:

---- \$2.00 cloth-bound.

---- \$1.00 paper bound.

NOTE: Subscribers to CHEMISTRY magazine have received a paper-bound copy as their combined summer number of the magazine.

SNL PRIORITY ORDER

C-11-19-9

SCIENCE SERVICE

1719 N Street N. W. • Washington 6, D. C.

To renew your Science News Letter subscription for one year—\$5.50—please make corrections in your name and address imprint below if needed, clip and enclose in an envelope. Lower line shows date of expiration of your subscription.