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

which is the battery case too. Measuring four by five inches, the sealed in steel leak-proof battery has a twin light head and no wires or battery spring contacts. Independently operated lights provide a sealed beam spotlight and a flashing red warning light.

Science News Letter, June 4, 1955

SUMP PUMP is automatic and submersible for year-around protection against water damage. Weighing 35 pounds, the portable pump is 11 inches high and 9 5/16 inches at its greatest width. All pumping parts are made of bronze and the 1/3 h.p. motor is hermetically sealed in a steel case. Science News Letter, June 4, 1955

Depth PLASTIC JUICER offers housewives quick squeezing of an orange, lemon or other citrus fruit. It consists of a bowl and a slip-on-top with a rigid cone center for squeezing. Molded of polyethylene, easy-to-clean unbreakable plastic, the bowl is ribbed for easier handling.

Science News Letter, June 4, 1955

SAWHORSE CLAMPS are designed to permit rapid assembly or disassembly. Made from 16-gauge zinc-coated steel, a pair of clamps and five pieces of 2 x 4 lumber make a sawhorse of any desired length. Twelve grippers, actuated by one lever, hold wood in place and eliminate the need for tools, nails, miters or other fasteners.

Science News Letter, June 4, 1955



SPONGE-YARN MOPS leave no lint or strings and can be easily cleaned. The cellulose sponge floor mops, shown in the photograph, can also be used interchangeably as a wet mop or a wax applicator. Properly cleaned after being used, they will not sour or mildew.

Science News Letter, June 4, 1955

SILICONE CENTERED golf ball for milady promises to give the woman golfer longer drives. Specially constructed for a woman's swing, the new ball meets all required specifications of the U. S. Golf Association. It weighs 1.62 ounces, measures 1.68 inches in diameter and has an initial velocity of 250 feet per second.

Science News Letter, June 4, 1955

ELECTRIC FISH scaler does the job five times faster than the old methods and does not tear the fish skin. A plastic shield prevents scales from flying. Scaler comes in a kit including a carborundum stone for sharpening hooks, a rise for tying flies, a felt wheel for polishing tackle and a small brush for cleaning reels.

Science News Letter, June 4, 1955

POOL LINERS and pool covers designed for do-it-yourself swimming pools are made of strong and durable plastic. Available in three sizes and graduated in depth, the liners are unaffected by oils, grease, and water purifying chemicals and can be left in the pool all year long. Washing with soap and water will keep the plastic clean.

Science News Letter, June 4, 1955

## Do You Know?

A world *population* of 4,000,000,000 persons is foreseen by the end of the century.

One *wormwood* plant, a weed, produces as many as 1,075,000 seeds.

Termites attack wood fiber for food, cellulose being the insects' chief nutrient.

Annually 10,000 women who get cancer are now being cured who would have died ten years ago.

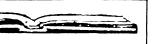
The sea contains almost all the world's soluble *fertilizers* needed to increase productivity of exhausted soils.

The automobile industry uses almost \$80,000,000 worth of *cotton* in its products in one year.

Geological evidence has been found that upper Michigan was covered with *glaciers* more than 500,000,000 years ago.

World demand for oil, which is now 14,-100,000 barrels a day, is expected to raise to 40,000,000 or 45,000,000 barrels a day by the end of the century.

Science News Letter, June 4, 1955



## BIND and SAVE Your SNL Copies

With SCIENCE NEWS LETTER stamped in gold on front and spine, this excellent buff buckram binder costs \$2.50 postpaid. Snap new issues into the cover with a little unbreakable hooked wire. Remove any issue you desire and reinsert it just as easily. The binder holds 26 copies, opens freely, allows pages to lie flat, is strong enough to last for years.

## BINDER

To: Science News Letter, 1719 N St., N.W., Washington 6, D. C.

Send me.............SNL binders at \$2.50 each, postpaid. My name is imprinted to the left.

6-4-5