

# • New Machines and Gadgets •

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⚙️ **UTILITY LANTERN** has a battery 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

⚙️ **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 rise to 40,000,000 or 45,000,000 barrels a day by the end of the century.

Science News Letter, June 4, 1955



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