

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

⚙️ **IMPROVED LAWN** food is used with special feeding devices. They mix the dry powder fertilizer with water and discharge it through an attached garden hose. The sprinklers come in a hand-held model for sprinkling small lawns and gardens, a large tank model for greater areas and a probe-like model for feeding tree and shrub roots. The plant food supplies trace minerals for proper plant growth.

Science News Letter, April 25, 1953

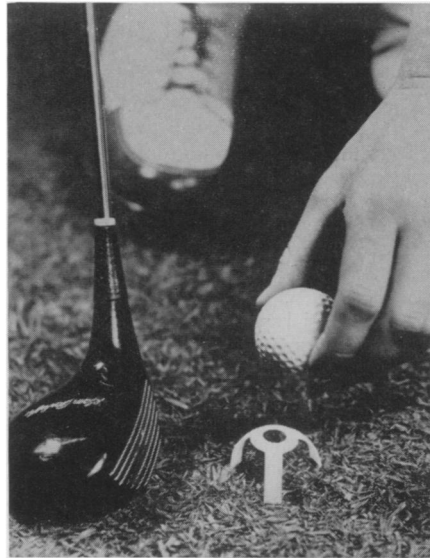
⚙️ **INSECT-KILLING LIGHT** bulb has recessed pockets in which pellets of an insecticide are vaporized. Designed for home, commercial or camp use, the light bulb works in all positions and should burn more than 8,000 hours.

Science News Letter, April 25, 1953

⚙️ **CRYSTALLINE CHEMICAL** "doubles the life expectancy of home heating oil tanks" by retarding corrosion inside due to condensed water, the maker reports. Dropped into the oil, the chemical reacts with the steel tank and with droplets of water to cut corrosion. The chemical does not dissolve in oil.

Science News Letter, April 25, 1953

⚙️ **GOLF TEE**, molded of plastic into a tripod affair, can be adjusted to desired



height merely by spreading or trimming the flexible legs. The golf ball rests snugly in a small hole at the top of the brightly colored, easy-to-find tee, as shown in the illustration.

Science News Letter, April 25, 1953

⚙️ **SEALING TAPE** with a specially treat-

ed 60-pound paper backing "sticks at a touch" and is designed for commercial and military carton sealing. Stronger and more waterproof than other carton sealing tapes, the material requires no wetting and is unaffected by severe temperature and humidity conditions, the manufacturer states.

Science News Letter, April 25, 1953

⚙️ **BOX OPENER** is outfitted with a razor blade to open the tops of paper boxes quickly and neatly. Small and compact, the unit is made of colored plastic. The shielded razor blade can be changed readily.

Science News Letter, April 25, 1953

⚙️ **MAP HOLDER** for motorists is made of a transparent plastic. It features eight various-sized pockets that accommodate vacationing paraphernalia that usually clutter the seat and glove compartment of the car. The unit hooks across any auto seat back and holds maps and reference books in a convenient spot for the driver.

Science News Letter, April 25, 1953

⚙️ **ONE-SIZE SOCK** for men is woven of thermoplastic nylon and stretches to fit any size foot. The manufacturer says it molds to the shape of the foot like "second skin," and that it is guaranteed for a year against holes due to wear.

Science News Letter, April 25, 1953

A FEW MEMBERSHIPS ARE NOW AVAILABLE

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4-25-3

Do You Know?

Beer is a 10,000-year-old beverage.

Parakeets originally were raised in Australia.

Household electric fans are only about 15% efficient.

Of the 96 known elements, only 55 are present in living plant or animal matter.

Extensive experimental work now under way may lead to aluminum radiators for tomorrow's automobiles.

For protection and efficiency in combat, modern fighter pilots wear outfits and accessories weighing 144 pounds.

If mounted on an enemy submarine, America's 280 mm. atomic cannon could paralyze New York City in 15 minutes.

A modern research plane can fly four miles in 12 seconds; the Wright brothers' plane covered only 120 feet in the same length of time during its history-making flight nearly 50 years ago.