

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 722. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **PHOTOGRAPHIC ANTI-DUST** solution for darkrooms can be added in small quantities to final film rinse water. The solution is designed to rid the film of static electricity that collects annoying dust.

Science News Letter, April 17, 1954

⚙️ **NYLON WASHING** bag protects lingerie and other fine garments from washing machine tears and tangles. Closed with a drawstring, the strong bag also can be used when washing hosiery, blouses, handkerchiefs, sweaters, doilies and curtains.

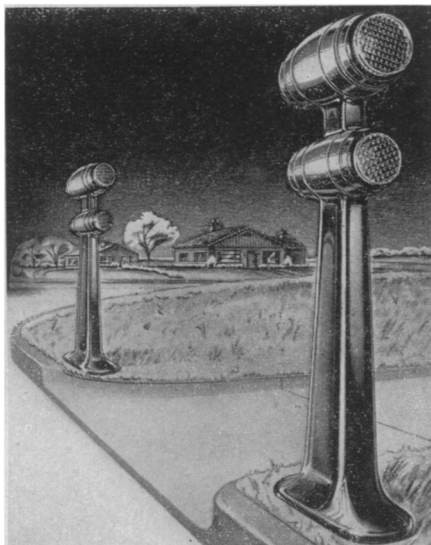
Science News Letter, April 17, 1954

⚙️ **WHEEL LIFTER** takes the grunt and groan out of positioning the spare tire on the wheel hub when the motorist is fixing a flat. The hand-held device consists of two prongs that are inserted through bolt holes in the wheel rim, and in the bottom bolt holes in the wheel hub. When lifted, the device levers the wheel into place easily.

Science News Letter, April 17, 1954

⚙️ **CHEMICAL WEEDER**, when first applied, kills weed seeds, then undergoes a rapid chemical change to become a highly effective fertilizer. The chemical, calcium cyanamide, is said to supply soil-sweetening lime and plant-feeding nitrogen during the entire growing season.

Science News Letter, April 17, 1954



⚙️ **DRIVEWAY MARKERS**, consisting of a pair of barrel-shaped reflectorized units, are placed at the curb on each side of the driveway, as shown in the photograph. They clearly define the limits of the driveway day and night, helping to eliminate short-cutting and to reduce damage to tires, wheels and lawns. The units can be screwed to any length of pipe. A special set

can be obtained already mounted on bases that give an eight-inch-tall overall height.

Science News Letter, April 17, 1954

⚙️ **LUNCH BOX LINER**, made of a white, washable plastic, has two compartments with snug fitting lids for juicy foods and one compartment for solid foods. It fits standard-sized lunch pails.

Science News Letter, April 17, 1954

⚙️ **RAINY DAY OUTFIT** for men features a brown plastic ensemble of raincoat with cape back, a hat protector and leggings. The leggings, designed to keep spring showers from soaking trousers, slip on easily and are held up at the top by a loop over the belt.

Science News Letter, April 17, 1954

⚙️ **GARDEN SPRINKLING** control can be set to turn on a sprinkler system at any time of day or night and to shut it off later. A special device prevents the sprinkler from going into operation on rainy days or when the earth is properly moist.

Science News Letter, April 17, 1954

Do You Know?

Some of the purest *magnesium* in the world is obtained in Canada.

Widespread *coffee tree* damage during the July frosts last year cost Brazil an estimated \$173,938,000.

Crack teams of fire-fighting Indians, ready to fly at a moment's notice to a threatened area, are being used increasingly to fight *forest fires* throughout the western states.

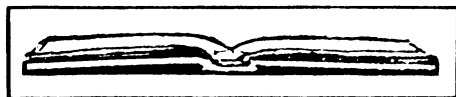
A five-seater businessman's *airplane* is being developed that can take off on fields less than 100 feet long and fly at speeds from 25 to 165 miles an hour.

Within a radius of 215 miles of Brussels, there are 72,000,000 inhabitants—equal to nearly half of the U. S. *population*.

The total *eclipse* of the sun on June 30 will be followed by two partial eclipses of the sun and a partial eclipse of the moon.

It is estimated that *electrical wiring* for a new house represents about five percent of the total cost.

Estimated *fire losses* in the U. S. during February amounted to \$78,928,000.



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