

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

⚙️ **WIDE FIELD BINOCULAR** is described as a revolutionary optical design. The 6-by-24 prism binocular has a roof prism and two front-surface mirrors rather than the conventional right-angle prisms. The field of view is 636 feet at 1,000 yards. The binocular weighs 12¾ ounces.

Science News Letter, August 11, 1956

⚙️ **SANDING DISC** is mounted in place of the saw blade on a bench or arbor power saw. Designed for the home craftsman as well as the professional, the rigid eight- and ten-inch fiberboard discs carry two sanding surfaces of aluminum oxide grits. One side is coarse and the other fine. The discs are disposable.

Science News Letter, August 11, 1956

⚙️ **FISH LURE** is wound up on land like a toy automobile. When dropped into the water, the unwinding spring oscillates the tail fin, making the lure look like a nervous minnow. The self-propelled fish bait is compact and long running.

Science News Letter, August 11, 1956

⚙️ **TOY MODEL CARS** are exact replicas of their larger counterparts rolling along the highways. Molded of a non-shattering acetate plastic, they are made in the predominant colors of the originals and then colored



again to reproduce two-tone effects. The model automobiles, shown in the photograph, are equipped with rubber tires.

Science News Letter, August 11, 1956

⚙️ **THREE-WAY TOOL** combines an unbreakable level, a small square and a ten-foot measuring tape. Useful in the home,

office or workshop, the tool's tape has a sliding end-hook and is contained in a die-cast, chrome-plated case.

Science News Letter, August 11, 1956

⚙️ **WALL MAP** of the United States having more than 8,000 place names is described as the most complete, up-to-date and decorative maps of this nation. Produced in eight colors, the map measures 52 by 34¾ inches. It is coated with a washable plastic and has hard top and bottom edges for hanging.

Science News Letter, August 11, 1956

⚙️ **PORTABLE GARAGE** to protect cars against inclement weather, dust and bugs is made from cotton coated on both sides with a polyethylene resin. The user can throw the car cover over his automobile, and draw it closed with a laced-rope drawstring. When not in use, the 258-by-168-inch garage folds into a packet about one foot square.

Science News Letter, August 11, 1956

⚙️ **WORD GAME** for persons of all ages can be played on planes, trains, vacation trips and at home. Players can use words from three to seven letters and then try to guess the opponent's word. Winner is the one who guesses the secret word first. Game contains 100 padded sheets marked for play.

Science News Letter, August 11, 1956

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8-11-6

## Do You Know?

An electric fence has been used successfully by the Fish and Wildlife Service to keep the big Kodiak bear away from critical sections of salmon streams.

Despite high incidence and high disability toll of *rheumatic diseases*, they are a minor cause of death and have relatively small effect on longevity.

The use of preserved wood in railroad ties, poles, piling, lumber, fence posts and mine props makes them last up to five times as long as untreated wood.

Premature aging is one of the effects of total body exposure to ionizing radiation.

Plastic surgeons use radiosodium to determine the adequacy of the blood supply in skin grafts.

A new variety of spinach that is completely immune from downy mildew—blue mold—has been planted in most of the spinach-growing areas of California in the past two years.