

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

⚙️ **HUNTER'S QUIVER** for bowmen provides quick arrow removal. Unlike conventional quivers, arrow points are housed in leather pockets and shafts in an open framework of aluminum. Weighing only eight ounces, any arrow is grasped by the nock and swung over the shoulder in an arc, ready for action.

Science News Letter, January 29, 1955

⚙️ **OVEN THERMOMETER** is made to stand on oven shelves or be hung from oven racks, close to the baking dish or roasting pan. Its dial-type face can be read in the darkest of ovens and the bi-metallic temperature element has a range of 200 to 500 degrees Fahrenheit.

Science News Letter, January 29, 1955

⚙️ **PLASTIC-HULLED BOAT** is described as leakproof and capable of being stored outdoors in all kinds of weather. The craft's plastic hull, made of a resilient reinforced glass fiber, permits year-round use without fear of drying out, rot or corrosion. The boat is available in three models for the outboard motor boat enthusiast. Distribution is scheduled for early 1955.

Science News Letter, January 29, 1955

⚙️ **LIGHTWEIGHT HOBBY** horse for young roughriders, shown in the photograph, is made of chip-proof plastic. Weigh-



ing approximately five pounds, and measuring nearly two and one-half feet high and over three feet long, the horse is spring suspended in a wooden frame to give realistic galloping action.

Science News Letter, January 29, 1955

⚙️ **WATER SYSTEM** is a single compact electrical unit that provides both hot and

cold running water under pressure for small homes, resort cottages, filling stations and trailers. The unit consists of a one-third h.p. capacitor motor, four-gallon pressure tank for cold water and a 12-gallon hot water heater with adjustable thermostat.

Science News Letter, January 29, 1955

⚙️ **WHITE INK** set provides an industrial marking liquid that adheres to rubber, cellophane, wood, aluminum foil, glass, and many other surfaces. Set also contains solvent which easily removes ink, as well as a felt-nib fountain pen which is filled by a squeeze of the bulb at one end.

Science News Letter, January 29, 1955

⚙️ **FILTER CASE** protects photographic filters from dust and, at the same time, keeps them visible for quick selection. The combination top and holder, made of plastic, holds six filters and has a molded loop for attachment to a camera strap. Inner holder is easily removed for getting a desired filter.

Science News Letter, January 29, 1955

⚙️ **NEW FASTENER** holds slip-covers, top sheets or blankets in place. Resembling a plastic foot ruler, the device has 11 points, one of which is a locking pin. The points are secured to the slip-cover and sofa, and the locking pin holds them fast, preventing creeping.

Science News Letter, January 29, 1955

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Do You Know?

An ostrich does not bury its head when confronted with danger, but kicks viciously when cornered or wounded.

Most of the 6,600,000 long tons of sulfur produced in the United States in 1954 came from 13 salt dome deposits in Louisiana and Texas.

If diagnosis is made early, approximately half the cases of lung cancer would have a 50% chance of surviving five years after operation.

Tobacco mosaic virus particles, so tiny that they can only be seen under an electron microscope, have been broken apart by ultrasonic vibrations of 7,000,000 cycles a second.

Bass have been found to feed more actively when water is about 72 degrees Fahrenheit; when water temperature rose to 82 degrees, few of the large bass would take food.