

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

⚙️ **DUCK CALL** is precision tuned and can be blown all day in all weather. Made of plastic reinforced with glass fibers, there is no change in tone, no freezing up from excess vapor and no getting out of adjustment.

Science News Letter, August 4, 1956

⚙️ **ALUMINUM FAN** has what is described as a thermostatic brain. The fan is set by a dial and then turns itself on when the temperature goes up, and off when the desired cooling level is reached. Two speeds are offered, and the fan also features a hideaway carrying handle.

Science News Letter, August 4, 1956

⚙️ **DRAFTING PEN** draws a continuous line, one millimeter thick, for 700 feet without refilling. Of West German design, the pen uses rubber-based, India or colored inks, or water colors. It is capable of producing line thicknesses ranging from .1 mm to 2.8 mm, according to the nib selected. Blotting is eliminated.

Science News Letter, August 4, 1956

⚙️ **PLASTIC BUCKET**, shown in the photograph, can be a busy helper around house or garden. The 14-quart pail is molded of polyethylene plastic and will not



break, dent or rust. It can be used as a beverage cooler, a fruit and vegetable bin, a noiseless scrub bucket, or a diaper pail. Easily wiped or washed clean, the pail is available with or without lid in seven colors.

Science News Letter, August 4, 1956

⚙️ **PUSH-BUTTON KEY CASE** uses a system of raised dots to help find the right key at night. Four tabs on the outside of the plastic case correspond to four keys within the case. One tab has one raised dot; another, two dots; the third, three dots, and the fourth is blank. Push the particular tab and the key pops out.

Science News Letter, August 4, 1956

⚙️ **FISH GRIPPER** for Izaak Walton's holds the fish while the hook is being removed. Eight inches in length and weighing less than one-half pound, the fish clamp is made of rust-resistant hardware and will float. It can also be used to scale fish.

Science News Letter, August 4, 1956

⚙️ **COMPOUND MICROSCOPE** features interchangeable and reversible inclined monocular, binocular and trinocular bodies. Stage and specimen are focusable to the objective by low-positioned coarse and fine adjustments, while body tube height and eye level remain constant. A built-in illuminator and 35 mm camera attachment are available.

Science News Letter, August 4, 1956

⚙️ **ELECTRIC HAND LAMP** for use in hazardous locations is a big beam, explosion-proof light. It has a sparkproof case and a spring bulb ejector. The container and head are of drawn brass finished in red enamel; the handle is of die cast zinc, and wires are sheathed in brass tubing. It operates on two standard six-volt batteries.

Science News Letter, August 4, 1956

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Do You Know?

The birth rate in the United States has dropped from more than 30 per 1,000 population at the turn of the century to 25 per 1,000.

About 400,000 persons who once had cancer have been cured of the disease.

Total world production of green coffee for the marketing year 1955-56 is estimated at 50,200,000 bags, the largest on record.

Today, about 25% of Americans who get cancer are cured of their illness.

There is a steady increase in the rate of addiction to demerol.

Air conditioning can save two extra pigs per litter.

Aspirin is said to be the most valuable drug in treating rheumatoid arthritis.