

• New Machines and Gadgets •

If you want 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 359. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **TOY motor boat**, of aluminum, is powered by a tiny outboard motor operated by two flashlight batteries. The electric motor is of "flea-power" size, and was developed during the war for use in the radio-electronics field.

Science News Letter, April 26, 1947

⚙️ **WATER VAPOR indicator**, developed especially for inspecting the breathing oxygen supply for aviators, can be applied to gases in general. The relatively simple instrument, which requires no special skill to operate, uses only a small sample of the gas.

Science News Letter, April 26, 1947

⚙️ **WEIGHING MACHINE**, for factory use in quick-weighing for packaging dry products from peanuts to tacks, works on the buoyancy principle. Weighing trays are mounted on vertical cylindrical floats in a liquid. When the added weight sinks a float the proper amount, its tray is automatically tripped.

Science News Letter, April 26, 1947

⚙️ **SILICONE product**, which eliminates the need of lard or other greases in bread baking pans, is sprayed and baked onto the pans; one application is good for 200 bakings. The coating prevents the bread from sticking to the pans and gives more evenly browned



loaves. As yet, it is available only for commercial bakeries.

Science News Letter, April 26, 1947

⚙️ **HEATPROOF paint**, that will prevent hot metals from corroding and scaling at temperatures as high as 1850 degrees Fahrenheit, is claimed to protect metals under all weather conditions. Its uses range from furnace pipes to mufflers on trucks and tractors.

Science News Letter, April 26, 1947

⚙️ **PLASTIC TABLEWARE**, complete with plates, cups, saucers, bowls and platters, is designed for heavy duty because the dishes are practically unbreakable under ordinary use. Made in various colors, the plastic articles resemble usual tableware, are tasteless, resistant to fruit juices, and not injured by boiling water.

Science News Letter, April 26, 1947

⚙️ **PLASTIC funnel** for filling bottles is in reality two separate funnels, one much larger than the other, that can be used separately or in combination. When combined, the top of the smaller funnel, which has a half-inch spout, fits tightly over the two-inch spout of the larger funnel, making an ideal funnel for pouring large volumes of liquid into small-mouthed bottles.

Science News Letter, April 26, 1947

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