

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

☛ **PORTABLE DISHWASHER**, 16 inches in diameter and less than 15 inches high, can be set in the kitchen sink and attached to the faucet. Water jets propel the revolving basket of dishes during both washing and rinsing, and dishes for the average family are washed, rinsed and dried in five minutes.

Science News Letter, February 21, 1948

☛ **WAFFLE COOKER**, for the boarding house or restaurant, is a small oven-like device that cooks six waffles at a time. Additional units give it greater capacity. It is fed by automatic batter dispenser, and the waffles, each in its own drawer-like compartment, can be removed individually.

Science News Letter, February 21, 1948

☛ **SUPERSONIC ENERGY generator**, which delivers sound waves too high-pitched for the human ear to hear, is a single-frequency device which operates on any 110-volt alternating current line and produces vibrations of 400-kilocycle frequency. Such energy has many laboratory and industrial uses, including killing bacteria in milk.

Science News Letter, February 21, 1948

☛ **PAINT-LINE marker** for use in garages and factories makes neat two- to four-inch lines at a walking pace, and either straight or in curves. The handle



of the device, shown in the picture, holds six quarts of paint which is released by a finger-grip trigger.

Science News Letter, February 21, 1948

☛ **BONDING AGENT** to hold mortar to glass blocks in construction work is a rubbery material that expands with the mortar and the glass without rupturing the film. It can be applied with a caulking gun, or thinned down with a suitable solvent and applied by brush.

Science News Letter, February 21, 1948

☛ **TEMPERATURE CONTROL** for chicken brooders, an improved type, has a seamless bellows which contracts and expands indefinitely with temperature changes because it has no soldered joints to open up under use. The expansion and contraction of the bellows operates the temperature control mechanism.

Science News Letter, February 21, 1948

☛ **PHOTOMICROGRAPHIC LAMP** uses the war-developed zirconium concentrated-arc, claimed to be the closest approach yet attained to a point source of light. The lamp has a seven-lens system which enables an operator to get photomicrographs of high quality.

Science News Letter, February 21, 1948

## NEW CHARTS OF THE CHEMICAL ELEMENTS

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