

# • New Machines and Gadgets •

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⚙️ **PORTABLE DISHWASHER**, which opens like the trunk compartment of an automobile, can be set on the sink drain-board and connected by hose to the faucet. Operated on water-pressure principle, using no motors, it contains twin multi-jet spinners and a siphon-type detergent chamber.

Science News Letter, February 18, 1950

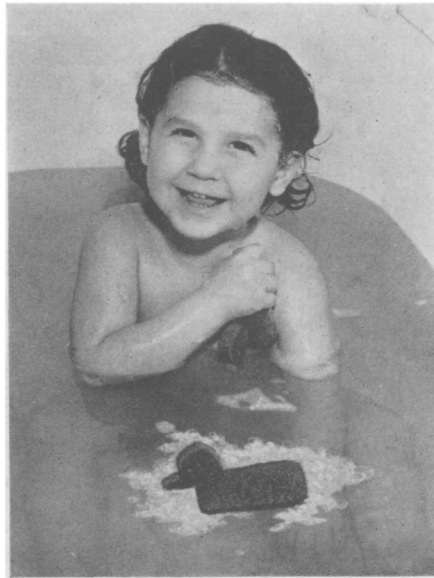
⚙️ **TABLE TOP** for the family dinette is made of a rock-hard material fused into a sheet of steel. It will not warp, peel, fade in color or stain, and will not be injured by a sizzling hot pan, or a hot iron. Also, it is clatter-proof and quiet.

Science News Letter, February 18, 1950

⚙️ **REFLECTOR LAMP**, suitable for use in lighting outdoor billboards and signs and for general flood-lighting, is an incandescent type five inches in diameter. This is enclosed in a heat-resistant glass bulb which absorbs the thermal shocks from rain, snow and insects.

Science News Letter, February 18, 1950

⚙️ **RUBBER DUCKLING** is a bath toy with a practical purpose, as shown in the picture. Made of extra soft natural rubber, the duck's body has a color-fast top edge-



sealed to a natural color bottom, forming a space into which soap may be inserted.

Science News Letter, February 18, 1950

⚙️ **CARPET SWEEPER** has a plastic window in its cover so that the user will know when the dust holder needs emptying. This

new sweeper also has pivoted double-acting combs that run through the brush as the sweeper is operated to comb dust, fluff and lint into the pan.

Science News Letter, February 18, 1950

⚙️ **RADAR SPEED DETECTOR**, for recording traffic speeds, has a transmitter-receiver unit, an indicator-amplifier unit and a power unit. Microwave radio frequency radiation is beamed at the advancing or receding vehicle and reflected back from the car to the receiver. True speed is given on a scale.

Science News Letter, February 18, 1950

⚙️ **RADIOACTIVITY DETECTOR**, pocket-sized, provides a simple means of positive detection of radioactivity in all ores of uranium or thorium, without use of batteries, amplifiers or radio tubes. It utilizes a highly efficient optical system and a newly developed phosphor screen.

Science News Letter, February 18, 1950

⚙️ **ELECTRIC RANGE**, for the small apartment kitchen, has the appearance of a knee-hole desk, but has four surface cooking units, a work surface and a full-size oven. The knee-hole "tuck-away" space is suitable to store a kitchen stool or wastebasket.

Science News Letter, February 18, 1950

## Do You Know?

The name "platinum" is derived from Spanish meaning "little silver."

Rocket fuels, which at low altitudes and moderate temperatures ignite with ease, may refuse to ignite at all at high altitudes.

Soil fumigation is becoming common practice on American farms; it involves putting special chemicals well into the soil to kill harmful bacterial and animal life.

Pipe lines to bring natural gas from the Southwest into New York metropolitan area and northern New Jersey will be ready for use this year.

By dissolving casein from milk in sodium hydroxide solution and forcing the result through minute nozzles into an acidulated formaldehyde solution, an artificial wool is formed.

Small quantities of sodium dichromate mixed with the salt spread on city streets to clear them of snow and ice neutralize the corroding action of the salt on automobile fenders and do not injure tires.

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