

# • New Machines and Gadgets •

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⚙️ **SQUARE COOKER**, a small frying pan, turns out an egg or a hamburger in a shape to fit the square slices of a sandwich loaf of bread. Made of heavy cast aluminum construction, with a heavy cover and a no-heat handle, it can be used for cooking individual portions of many foods.

Science News Letter, June 11, 1949

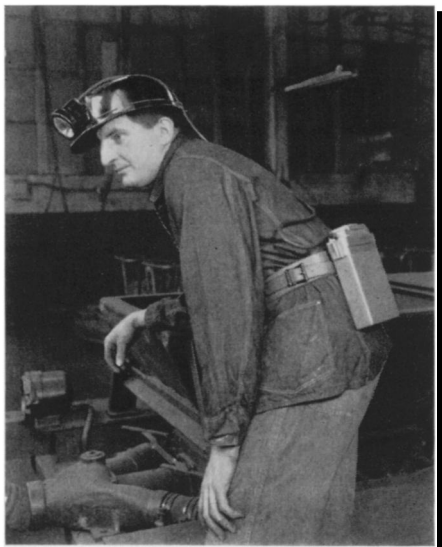
⚙️ **LAMPLESS INFRARED** heating unit, an improved type, costs less than lamp or strip heater equipment, and is claimed to be more efficient than any type of strip heater. In its construction, Pyrex tubes with spiral channel resistors are used, together with stainless steel contacts and stainless steel reflectors.

Science News Letter, June 11, 1949

⚙️ **CRIB GUARD** is a plastic rod the length of the toddler's bed that is held firmly in place by chromium-plated metal supports, attached to the upper rail of the crib's drop-side, about six inches above the rail. The easily cleaned plastic used in the rod can not chip or peel even if chewed.

Science News Letter, June 11, 1949

⚙️ **CAP LAMP** for miners, improved type shown in the picture, gives 25% more light



than earlier lamps and can be focused for near or far distances without disassembling the headpiece. It uses a four-cell battery design, encased in a molded nylon plastic container, which will assure satisfactory light during an entire working shift.

Science News Letter, June 11, 1949

⚙️ **SPRAYER-DUSTER**, for the distribution of insecticides on farm crops or city trees, is a complete unit, with an axial-flow blower, gasoline engine and tanks for the insecticide solution or dust, that uses turbulent air to atomize and spread the material. It is mounted in any light truck or comes on a two-wheel trailer.

Science News Letter, June 11, 1949

⚙️ **MOISTURE METER**, to show when lawns or gardens are watered to the proper depth, consists of a probe to push into the soil to the desired depth, and a flag which elevates when the moisture has reached the probe end. A stainless steel spring, to push the flag up, goes into action when the water reaches it.

Science News Letter, June 11, 1949

⚙️ **GARMENT** for creeping babies has a panty part lined with a lightweight, water-proof, stain-resistant vinylite plastic film which assures complete protection and helps do away with laundry problems. This soft knitted cotton garment is fastened by snaps, making a changing job easy.

Science News Letter, June 11, 1949

## Do You Know?

Natural waxes may be of animal, insect, mineral or vegetable origin.

Kansas in 1948, produced 18% of the entire American wheat crop.

The leaves of some 75,000,000 Brazilian carnauba trees must be gathered each year to yield the 25,000,000 pounds of carnauba wax produced annually.

Isolated fertile valleys in Norwegian mountain areas, formerly used only for summer pastures because there were no roads by which farm machinery could reach them, now promise to become resident farms, thanks to the bulldozer.

The so-called *spitting cobra* is a dangerous snake because it not only can bite but it can spit venom a short distance through the air.

The 4.33-mile *San Francisco-Oakland Bay* bridge, said to be the longest in the world, consists of a combination of a cantilever-truss span and two complete suspension bridges placed end to end.

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