

• New Machines and Gadgets •

☛ **BREAKFAST** cereals are furnished soldiers overseas in specially treated packages that may be used as bowls. The soldier tears the top off, adds sugar and milk, and eats right out of the box.

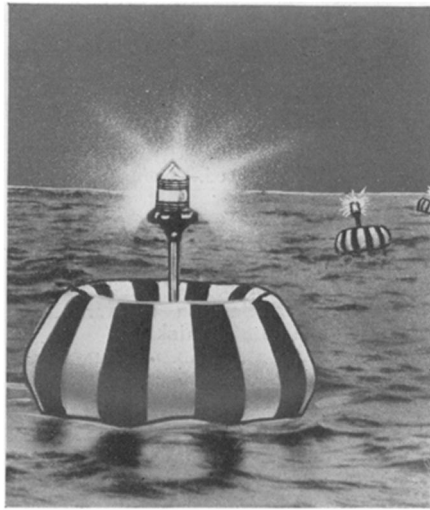
Science News Letter, March 11, 1944

☛ **COOKING** by wireless is successfully done on a demonstration stove by magnetic waves, radiating from the cold range top, which induce currents of thousands of amperes in the metal of the cooking utensil. These currents quickly heat utensil and food. The magnetic waves cook faster and more economically than usual resistance-heating elements.

Science News Letter, March 11, 1944

☛ **A TELEVISION** antenna, which can be used also for cooling the house in hot weather and for fire prevention, has been granted a patent. Acting as a sprinkler system, it consists of a thin-walled metal tubing paralleling the ridge of the house, perforated with many small openings through which water can be ejected. In dry atmospheric conditions a little water in the tubing improves reception, it is claimed.

Science News Letter, March 11, 1944



☛ **DOUGHNUT-SHAPED** rubber buoys, with green and gold lights, a standard to hold the lights aloft, and a storage battery container, are used to mark safe places for flying boats to light on the water. The buoys toss on a rough sea but the lights remain stationary. The lights are visible for three miles on the surface and from 4,000 feet in the air. Several are shown in the picture.

Science News Letter, March 11, 1944

☛ **A KNIFE** with a built-in sharpener, recently patented, has a hollow handle with open sides into which the blade may be drawn by pulling its shank out to the rear. The cutting edge of the blade then passes between the wheels of a small rotary sharpener of the kitchen type which, when not being used otherwise, holds the shank firmly in place.

Science News Letter, March 11, 1944

☛ **ULTRAVIOLET** irradiators, recently developed to give vitamin D rays to groups of persons, use a new, high-pressure, quartz mercury, arc-type burner mounted on a four-foot stand. As many as 15 persons, standing within five feet of the apparatus, may receive proper therapeutic treatment in five minutes.

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If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 198.

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