

# • New Machines and Gadgets •

⚙️ **CELLOPHANE recorder**, attachable to a microphone, radio or telephone, makes on a 360-foot cellophane ribbon continuous records of conversation or programs. The record may be played back hundreds of times by using a sapphire needle that does not scratch the cellophane and never needs replacing.

*Science News Letter, March 10, 1945*

⚙️ **ASPHALTED BAGS**, placed between the outer case and the packaged food in K rations for soldiers in tropical areas assures complete protection in torrential rains and continued high humidity. This triplex asphalt-impregnated bag is in addition to the regular coverings for other climates.

*Science News Letter, March 10, 1945*

⚙️ **PICTURE SUPPORT**, illuminated, consists of a frame holding two pieces of transparent plastic sheets between which the picture is placed, and a flashlight bulb in a case behind. The bulb operates on the automobile battery, and the illuminated picture is attached to the steering wheel.

*Science News Letter, March 10, 1945*

⚙️ **NUT TURNING device**, replacing the familiar wrench, rotates the nut by a series of rapid hammer blows on its corners. Two projecting jaws embrace the nut, and the rotary hammer, having spaced projections or heads, turns it by repeated impact. Power is supplied to the hammer through a flexible shaft.

*Science News Letter, March 10, 1945*

⚙️ **WATERTIGHT match cases** for soldiers are made of an olive-drab molded



plastic with a screw top. It has a metal striker bar in the bottom. For safety matches, a striker is glued inside the top. The picture shows the pocket case with ribbed sides for easy holding.

*Science News Letter, March 10, 1945*

⚙️ **BRUSHLESS shaving preparation** in a dry stick, that may be applied to the wet face without any applicator but the stick itself, requires no massage by the fingers. It is largely sesame oil and spermaceti, mixed with small amounts of tallow soap, fatty acid esters, titanium oxide and perfume.

*Science News Letter, March 10, 1945*

⚙️ **FOLDING bazookas**, one-half the length of the ordinary bazooka when folded, were developed for paratroopers but are handy for soldiers in underbrush and jungle. They were first used in the Normandy invasion.

*Science News Letter, March 10, 1945*

⚙️ **MEASURING device** is an elongated barrel that fits over the end of a pencil, with a graduated wheel two inches in circumference at its end. In measuring, the wheel, rolled over the distance, turns a screw inside the barrel that moves an indicator along a scale on the outside.

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 249.

*Science News Letter, March 10, 1945*

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