

• 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 Gadget Bulletin 398. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **EGG CRACKER** and holder permits the opening and eating of soft boiled eggs without burnt fingers or mess. It is a plastic device in two parts; one is the egg-holder, the other fits over the top end and cuts the shell by means of sharp-pointed strips squeezed inward by the fingers.

Science News Letter, January 24, 1948

⚙️ **BARREL TILTER** and support, a home-made affair for an oil or gasoline barrel, is a box-like frame of welded pipe which has one side and end made of curved piping. A barrel placed against two parallel straight sides can be raised and tilted to a horizontal position by means of the curved sides.

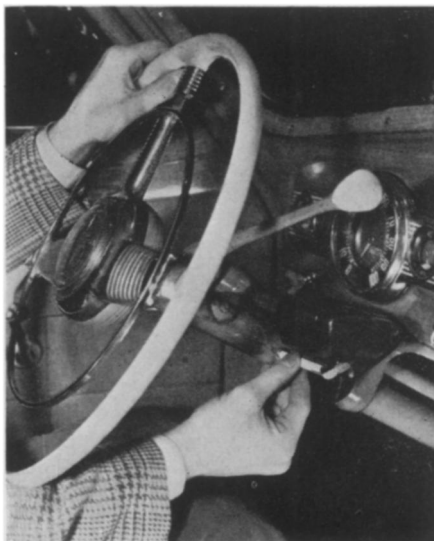
Science News Letter, January 24, 1948

⚙️ **SPECIAL LENS**, fitted with brackets to slide under the home television receiver, will magnify the picture of the television screen about three times without decreasing its brightness, according to claims. The lens may be adjusted vertically and horizontally to produce the desired picture size.

Science News Letter, January 24, 1948

⚙️ **TANK-TYPE DEVICE**, installed in the hot-water line to deliver a rust-inhibiting chemical to the water, prevents damage to clothing in the washing from rusty water. The chemical used is a modified form of Calgon, sodium hexametaphosphate.

Science News Letter, January 24, 1948



⚙️ **CIGARETTE DISPENSER** and lighter, for use in an automobile as shown in the picture, drops a single cigarette into a small trough with a single pressure on a lever. In the trough, it is held by a spring against a hot filament and in four seconds is lighted.

Science News Letter, January 24, 1948

⚙️ **RUBBER HARDNESS GAUGE**, size and shape of a fountain pen, is operated when an indenter at one end is pressed firmly against the rubber surface. It has no cams, gears, levers or pivots to get out of order, and the gauge

indicator holds in position indefinitely, making exact readings possible.

Science News Letter, January 24, 1948

⚙️ **LABORATORY FLOOR TRUCK**, for carrying carboys of acids or tanks of compressed gases, holds the container in an upright or tilted position as desired. Its carrying rack with its nose plate base pivots on the truck's axle and can stand upright or rest back against the handle bars.

Science News Letter, January 24, 1948

⚙️ **ALUMINUM SHEATH** for telephone cables, to supplement the familiar lead-covered cable, is a thin sheet of the metal covered with rubber-like flexible black plastic. It will be made in sizes ranging from small cables to those containing hundreds of pairs of wires.

Science News Letter, January 24, 1948

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Question Box

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MEDICINE

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How may infants be saved from being born with defects? p. 53.

How was a Science Service story instrumental in getting money to promote cancer

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