

•New Machines And Gadgets•

☛ **COMBINED valise and chair**, recently patented, is a helpful article in crowded stations and cars where ordinary seats are not available. A collapsible affair, the legs and back rest fold into position against and partly into the valise.

Science News Letter, May 25, 1946

☛ **CIGARETTE HOLDER and lighter** in combination has a mouthpiece to hold the cigarette; both are then inserted into a tube with an opening in the opposite end. The flint-actuated lighter lies under and against the tube. When its ratchet is turned, a spring door opens above the flame, permitting it to reach the cigarette.

Science News Letter, May 25, 1946

☛ **STEERING baby carriage** turns to the right or left as pressure is exerted on one end or the other of the handle bars by means of a simple arrangement of pivoted bars connected to the axles. With pressure, the rear wheels and axle turn as a unit.

Science News Letter, May 25, 1946

☛ **KNIFE RACK**, a simple contrivance to hang on the kitchen wall, has an unbreakable plexiglas front panel. A safe repository built to hold eight knives and sharpening steel, it keeps them out of contact with each other as in the ordinary cutlery drawer, and also out of reach of children.

Science News Letter, May 25, 1946



☛ **TELEVISION CAMERA**, that picks up action scenes and transmits them to distant motion picture screens, is now made in a lightweight portable form particularly suitable for use at football and other games. The camera and auxiliary unit shown in the picture use electronic circuits.

Science News Letter, May 25, 1946

☛ **PARKING PERISCOPE** for automobile drivers is a three-channel conduit within the car with one end projecting beyond the rear, and the other curved downward to bring its mirror in front of the driver. The direct rear is seen

through a lens on the end of the center channel; right and left of the rear are seen through the other channels by means of mirrors.

Science News Letter, May 25, 1946

☛ **REPEATING flashbulbs** for photographers are designed to produce a minimum of 10,000 photographic flashes from a single bulb. The first unit, now available, is an AC portable, consisting of a power pack operating the electroflash bulb and an electroflash gun with reflector and flashbulb.

Science News Letter, May 25, 1946

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 312.

BOOKS

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Question Box

ASTRONOMY

How many eclipses have been predicted for 1946? p. 331.

How many steps are involved in the process of energy reaching the earth from the sun? p. 331.

BIOLOGY

What does the silver-spotted skipper butterfly use to solve its housing problem? p. 328.

ELECTRONICS

Name the war-developed system for determining the exact location of a lost plane or life raft at sea. p. 324.

HISTORY-BOTANY

What holiday is given primarily to thoughts of those who died for their country? p. 335.

MEDICINE

What does the new iron lung do to help cure tuberculosis patients? p. 325.

What is botulism? p. 323.

What may be one of the contributing factors to the shortage of streptomycin? p. 326.

What new remedy for hemophilia is offered? p. 323.

Why were the forty persons who offered themselves for exposure at the Bikini bomb test refused? p. 329.

NUTRITION

What happens to milk that is allowed to stand in the bottle on the doorstep? p. 331.

PHOTOGRAPHY-CHEMISTRY

What material is used to remove metallic silver from photographic hypo? p. 329.

PUBLIC HEALTH

What are the recommendations of the Committee on Engineering for fewer accidents on the highway? p. 326.

Which state shows signs of having a polio epidemic this year? p. 332.

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