

•New Machines And Gadgets•

⚙️ **BOTTLE CARRIER** for the milkman grasps six or more bottles by their necks at the same time. It is a simple frame with circular recesses on the inside of its two longer sides to hold the bottles, and a slidable center piece to keep them in place.

Science News Letter, May 18, 1946

⚙️ **TWO-IN-ONE** camera filter, which does the work of a standard yellow filter and a standard polarizing filter, is now available for black-and-white photography. A sandwich of precision-dyed yellow plastic combined with a polarizer, it is laminated between glass disks of optical quality.

Science News Letter, May 18, 1946

⚙️ **COMBINATION** salt and pepper shaker resembles the ordinary shaker but has a Y-shaped partition upright in its center. The leg of the Y separates the salt and pepper compartments; the two upper extensions are springs that can be pushed inward by tiny knobs and rods on the side, thus releasing either condiment.

Science News Letter, May 18, 1946

⚙️ **SHOCK ABSORBERS** for motorcycles mounted between the handle bars and the front axle fork cushion the jar between the front wheel, the handle bars, the motorcycle frame and the seat. They are hydraulic shock absorbers similar to their big brothers used on automobiles.

Science News Letter, May 18, 1946



⚙️ **GLASS FABRIC** cover for an ironing board will not burn or char and provides a surface over which the iron glides smoothly and easily. It can be cleaned with a damp cloth or dry-cleaning fluid without being removed from the board. It looks like an ordinary cover, as the picture shows.

Science News Letter, May 18, 1946

⚙️ **COFFEE MAKER**, recently patented, uses a special glass container or an ordinary fruit jar. It consists of a wire bent to hold the jar by an attached handle, and a wire loop over the jar supported by the same handle. The loop supports a conical fabric bag into which

the ground coffee is placed and through which boiling water is poured.

Science News Letter, May 18, 1946

⚙️ **DE-ICERS**, electrically heated, prevent switches on electric railways from freezing. The device is a nine-foot wrought-iron pipe, with a heating element inside, that is buried a foot deep, paralleling the switch. The same power that operates the cars is employed in the 2,000-watt, 600-volt heater.

Science News Letter, May 18, 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 #11.

Science News Letter, May 18, 1946

BOOKS

• SCIENCE NEWS LETTER will obtain for you any American book or magazine in print. Send check or money order to cover regular retail price and we will pay postage in the United States. If price is unknown, send \$5 and the change will be returned. When publications are free, send 10c for handling. Address:

Book Department

SCIENCE NEWS LETTER
1719 N St., N. W.
WASHINGTON 6, D. C.

Question Box

CRYSTALLOGRAPHY

How quickly do hailstones freeze? p. 319.

ENGINEERING

How may rubber get carbon black qualities without discoloration? p. 317.

What engine ignition system needs no spark plugs? p. 315.

What may make three-dimensional pictures for motion-picture theaters and home television screens possible? p. 311.

What method may bring better television images? p. 308.

ENTOMOLOGY

How has it been proven that some insects absorb water from the air? p. 312.

GEOLOGY

Where are large beds of bauxite located? p. 319.

MEDICINE

What is aralen? p. 307.

MEDICINE-CHEMISTRY

What fast relief for migraine headaches has been announced? p. 309.

ORDNANCE

What is the purpose of the V-2 rocket tests in New Mexico? p. 307.

PHYSICS

How will gas cans be used in the atomic bomb test? p. 309.

SEISMOLOGY

Where was the strong earthquake of May 8 located? p. 316.

Where published sources are used they are cited.

The imprint to the right is mailing address for your Science News Letter.

Date on lower line is expiration of your subscription.

Renew early to avoid lapse in service.

In requesting change of address please give your old address as well as the new one, at least two weeks before change is to become effective.