

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 730. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **REAR-VIEW** sun glasses permit you to see behind you without turning your head. The glasses use two tiny slide-in mirrors that attach to the edges of their conventional sun-glass lenses. They are said to be particularly useful for persons afflicted with arthritis and for others who need to see behind them, such as motorcyclists.

Science News Letter, June 12, 1954

⚙️ **HECTOGRAPH "STENCILS"** are pre-assembled so that the user never needs to touch the finger-smudging carbon paper. Easy and clean to use, units are available in conventional letter and legal sizes.

Science News Letter, June 12, 1954

⚙️ **TUBELESS TIRE** gives protection against both punctures and blow-outs, whereas some safety tubes and tires guard only against one or the other. Tests showed the new tire delivers 10% to 15% more tread mileage than regular "first line" tires, and that it is more shock absorbent.

Science News Letter, June 12, 1954

⚙️ **PORTABLE CAMP STOVE** operates on bottle propane gas to give sportsmen the advantages of clean, quick, safe cooking in any weather. Twin burners are linked by flexible fuel lines to the two disposable gas



cylinders, as shown in the photograph. When not in use, the 16-pound stove folds into its own metal case.

Science News Letter, June 12, 1954

⚙️ **MOTHPROOFING SPRAY** comes in a push-button can and protects woollen clothes and blankets for a year from moths and

carpet beetles. Leaving no visible deposit on the fabric, the spray is said to be the same formula used in museums, art institutes and warehouses for mothproofing tapestries, rugs and other rare art treasures.

Science News Letter, June 12, 1954

⚙️ **INSECT SCREENING** for open summer windows is made of a weather-resistant, strong, non-rusting netting of glass fiber yarns coated with vinyl resins. Easy to cut with scissors and staple to wooden window frames, the material can be patched, when necessary, by laying a small swatch over the tear and heating with an electric iron.

Science News Letter, June 12, 1954

⚙️ **WARNING LIGHT** designed to indicate hazardous work areas in factories and machine shops, is modeled after the revolving red flashing lights used on fire, police and other emergency vehicles. Producing 100 brilliant flashes a minute, the lamp also can be used as a visual communications light in noisy shops or over long distances.

Science News Letter, June 12, 1954

⚙️ **WATER-TREATING BOTTLE** quickly changes ordinary tap water into the chemical equivalent of triple-distilled water, using a mixture of cation and anion exchange resins at the bottom. The 16-ounce plastic squeeze bottle has a special cap that permits the user to discharge the distilled water without losing any of the chemicals.

Science News Letter, June 12, 1954

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6-12-4

Do You Know?

About 4,400 men and women who are either deaf or hard of hearing were returned to work in 1953 through the public program for vocational rehabilitation.

Vigorous national research and international cooperation may reduce the toll of death and destruction caused by avalanches.

Push-button dispensing of dry powders from aerosol containers may open a whole new area of packaging, particularly in household and pharmaceutical fields.

To foil safecrackers who listen or feel for tumbler clicks, a lock company has built in a deceptive "sound effect" in its new combination model.

In a survey covering nearly half of all hospitals in the U. S., it is estimated that \$1,165,385,765 would be needed to replace obsolete and inadequate parts of their physical plants.