

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

⚙️ **FIREWOOD CARRIER**, a novel item for town and country, reduces effort in gathering and bringing in suitable-sized logs for fireplace use. The device is a canvas strip about 16 inches wide with sturdy dowels attached to each end. When placed side by side, the dowels double as a handle and the device is carried like a suitcase.

Science News Letter, November 28, 1953

⚙️ **FISHERMAN'S KNIFE** contains the usual small and large pocket knife blades plus scissors for cutting line, tweezers for making flies, a fish scaler and hook disgorger, can opener, screwdriver blade combined with cap lifter, a Phillips screwdriver and a hole puncher. Made in Switzerland, the stainless steel knife will not rust or corrode in fresh or salt water.

Science News Letter, November 28, 1953

⚙️ **WASHBOARD GLOVE** for housewives is made of vinyl resins and features a ribbed surface that helps the user get stubborn spots and stains out of work clothes before running them through the washing ma-



chine. Flexible enough to be carried in a pocket, the glove, shown in the illustration, is particularly suited for use in hand-laundering "light" items of clothing.

Science News Letter, November 28, 1953

⚙️ **PERSONNEL RADIATION meter** alarms audibly when the user receives an over-dose of dangerous gamma radiation. Weighing only nine ounces, the device can be looped to the belt and goes into operation automatically when turned face up. It also can be used as an area monitor.

Science News Letter, November 28, 1953

⚙️ **AUTOMOBILE MUFFLER**, now available as a replacement unit, muffles engine noise with strands of chopped glass fibers. The glass threads, however, permit exhaust gases to follow a "straight-through" path that is said to reduce back pressure on the engine and yield a horsepower increase.

Science News Letter, November 28, 1953

⚙️ **BICYCLE LIGHT bulb** for headlights works on eight flashlight cells or a six-volt hand-lantern battery and is said to throw more than twice the light of most bicycle headlamps now in service. It is designed to fit present headlamp cases with only slight modifications in reflector heads and battery cases.

Science News Letter, November 28, 1953

⚙️ **MOVIE PROJECTOR** for 16 mm film is portable yet uses a carbon arc to produce brilliant white light that gives extra snap to the projected picture. The quality machine reproduces optical sound tracks and can be adapted to reproduce magnetic tracks. It is especially useful in industrial and school auditoriums and at outdoor gatherings.

Science News Letter, November 28, 1953

⚙️ **EMERGENCY POWER generator** for the home comes on automatically when commercial electric power service is interrupted, such as might happen during storms. The gasoline-powered device has a steady running capacity of 3,000 watts, enough power to feed necessary appliances in the average home.

Science News Letter, November 28, 1953

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Do You Know?

The best dietary method for prevention of tooth decay is to reduce sugar consumption.

The stall of an airplane is due to the way air flows over the wing, and has nothing to do with whether the engine stops running.

More hunters are killed by the guns of their companions than by members of other hunting parties.