

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

⚙️ **ALUMINUM PUTTY** for sculptors and hobbyists models like clay and hardens into a solid piece without baking, flux or chemical treatment. It can be applied in coats of one-eighth of an inch over rigid wire or hardware screen armatures, or thinned for coating wood, cardboard, plaster, leather, canvas and metals.

Science News Letter, September 12, 1953

⚙️ **DACRON-FILLED PILLOW** is stuffed with the resilient supersoft polyester fiber that does not become lumpy or matted after long, hard use. The manufacturer reports the pillow's filling does not produce allergies.

Science News Letter, September 12, 1953

⚙️ **"UNIVERSAL" OPENER** is just the right weapon to use against the "bewildering army of bottle closures now at hand." Made of heavily chromed tool steel, the device unscrews large bottle tops, cracks nuts, pierces fruit juice cans, acts as a cork screw and screw driver, cuts celluloid cap covers and cracks small parts of a lobster.

Science News Letter, September 12, 1953

⚙️ **PILOT'S KNEE** board is equipped with two pencil storage compartments, a coil-spring pencil rest and a built-in pencil



sharpener. Chart cards are held firmly in place by an upper and lower spring clip, and another compartment holds the pilot's identification. The durable device, shown in the photograph, weighs nine ounces, and can be strapped to the knee.

Science News Letter, September 12, 1953

⚙️ **HEAT-RESISTING MATERIAL** can be sprayed directly on clean, unprimed metals to make the treated surface capable of withstanding temperatures as high as 5,000 degrees Fahrenheit. A coating of one-sixteenth of an inch protects metal up to 10 seconds against flames hotter than the metal's melting point. The substance dries quickly and is not easily chipped.

Science News Letter, September 12, 1953

⚙️ **SMOKER'S PIPE** has two bowls, both filled with tobacco. The second bowl filters the smoke from the first, yielding a cool smoke. Special flavors or aromas can be produced if a menthol crystal or a few drops of rum are added to the filtering tobacco. Made of well-seasoned imported briar, the pipe is designed so that both bowls can be cleaned at once.

Science News Letter, September 12, 1953

⚙️ **CANNED ICE** provides a novel way of refrigerating picnic lunches or soft drinks without the disadvantages of melting ice. The specially prepared can is frozen in a refrigerator's freezing unit, and is said to keep food and drink cold for 72 hours in a picnic box. One can is equivalent to three pounds of ice. The device can be used over and over.

Science News Letter, September 12, 1953

⚙️ **STAIN REMOVER** for plastic dishes now is available for use in the home, having been proved industrially for several years. The cleaner effectively removes coffee, fruit and other food stains without damaging the cleansed articles. It also soaks out most food and fruit stains from color-fast fabrics without damaging the fibers, the maker reports.

Science News Letter, September 12, 1953

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9-12-3

Do You Know?

The first world-wide cable code to be used in transmitting news of epidemics and quarantines was recently announced.

Chinese make up 44% of Malaya's population.

Losses to farmers caused by pests last year amounted to \$12,000,000,000.

Fire, insects and disease have destroyed, in the past 350 years, about 40% of America's virgin and planted forests.

Thorium 230, valuable in the atomic energy program, has been isolated from deep sea sediments.