

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

⚙️ **DEHYDRATED TORTILLA flour** now being marketed by a large food firm promises to add tasty Mexican dishes to many American dinner tables. Even the Mexicans are said to approve this flour, which can be used in tamales, chili, corn chips, enchiladas, tostadas and other Mexican foods.

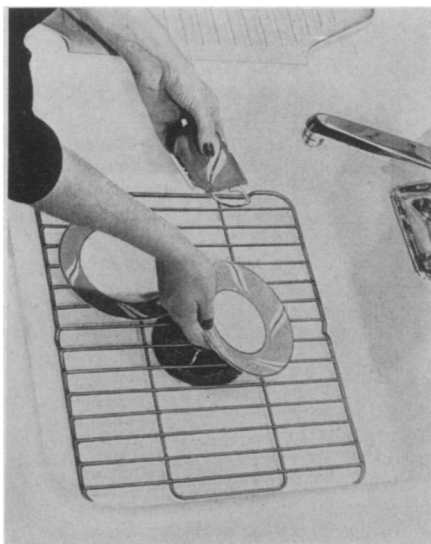
Science News Letter, March 27, 1954

⚙️ **OIL-TEMPERED HARDBOARD**, adaptable to exterior building purposes, also can be used to make machinery covers, bench tops, sink tops, cabinet doors and truck aisles. The wood is treated so that it is less brittle, stronger, less moisture-absorbing, more dimensionally stable, smoother and more abrasion resistant.

Science News Letter, March 27, 1954

⚙️ **GIGANTIC PAPER bags**, in single or double ply, stand 14 feet high and are big enough to hold half a ton of grapefruit. The manufacturer envisions the time when the paper bags will be used to package prefabricated house parts economically. Various grades and weights of paper make them suitable for packaging carpets, insulation, garden umbrellas, metal tubing, and textile rolls and bolts.

Science News Letter, March 27, 1954



⚙️ **CUSHIONED SINK rack**, resting on rubber-coated runners, is placed in the sink bowl to protect dishes and sink from chipping due to accidental rough handling. The rack, shown in the photograph, makes a good stand to use while washing, draining or thawing vegetables and fruits.

Science News Letter, March 27, 1954

⚙️ **RUG-CLEANING TOOL** attaches to 18 makes of home-type vacuum cleaners and is scientifically designed to clean cotton, shag, hooked, loop and rag rugs, the maker reports.

Science News Letter, March 27, 1954

⚙️ **HOLSTER FOR power drill** fastens to the user's belt and carries bits and other accessories right with the special 1/4-inch, 1/4-horsepower electric tool. When not in service, the holster and drill can be hung on the workshop wall by two grommets that slip over hooks.

Science News Letter, March 27, 1954

⚙️ **"SHELF STRETCHER"** actually is a small stand with two shelves. It can accommodate a 53-piece set of dinnerware and is useful wherever shelf space is at a premium. It consists of two brightly colored 9 1/4 x 20 inch enameled shelves. The unit stands 8 1/4 inches tall on rubber-tipped feet.

Science News Letter, March 27, 1954

⚙️ **PILL-SWALLOWING AID** helps children and adults take those terrifying golf-ball-sized tablets. Clipping to the inside surface of a drinking glass, the device holds the pill in a small cup. The pill "floats" down "like a tiny raft on flood tide" when water is swallowed in the usual way.

Science News Letter, March 27, 1954

THE CHEMISTRY WE USE

a compilation of "Home Lab" experiments, a monthly feature of CHEMISTRY magazine. Written by Burton L. Hawk . . . and designed for a simple but adequate home laboratory in which real chemical preparations can be made.

The World We Live In
The Air We Breathe
The Water We Drink
The Food We Eat
The Clothing We Wear
The Coins We Spend
The Drugs We Take
Lesser-Known Elements We Study
Other Materials We Use

A PRACTICAL INTRODUCTION TO THE CHEMISTRY OF EVERYDAY THINGS

To: SCIENCE SERVICE
1719 N St., N. W.
Washington 6, D. C.

Mail to me at my address as imprinted to the left:

..... copies of THE CHEMISTRY WE USE,
cloth bound @ \$2 each.

Am't enclosed \$

Please bill me ()

3-27-4

Do You Know?

Using glass as a lubricant, mortar shells are being pressed out of one piece of hot steel in one second.

A passenger in an airplane travels about 280 miles while eating dinner.

In a wildlife restoration move, 134 wild antelopes were transported more than 700 miles by truck from a range in Montana to North Dakota.

A vibration machine has been developed at the Naval Medical Center, Bethesda, Md., to explore the human body's reactions to constant vibration.

The world's largest dredge, capable of sucking up boulders 28 inches in diameter, was built to clear a canal in Canada; it includes \$500,000 worth of electrical equipment for power and controls.

In postwar years domestic consumption of all types of commercial explosives rose from 536,300,000 pounds in 1946 to 764,700,000 pounds in 1952.