

# • New Machines and Gadgets •

For addresses where you can get more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N ST., Washington 6, D. C. and ask for Gadget Bulletin 616. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **PLASTIC AUTO** body resists denting, rusting, weighs about 185 pounds and is about two-tenths of an inch thick. The body may crack under heavy impacts, but usual fender-denting blows have no ill effects. The body springs back to original form, and holds paint well.

Science News Letter, April 5, 1952

⚙️ **"SKYHOOK"** FOR kite fliers is a trigger device which is attached to a kite string a short way down from the kite. At a certain height, it will release model gliders, helicopters, small make-believe bombs carried aloft by the kite. It also will trigger a box camera, enabling kite fliers to take aerial photos.

Science News Letter, April 5, 1952

⚙️ **PLANT FOOD**, for indoor and outdoor use, is completely soluble in water, and is odorless and stainless. Nitrogen, phosphorus and potassium in high concentration plus traces of boron, copper, manganese, sulfur and zinc provide a scientific diet for flowers, vegetables, shrubs, trees and lawns.

Science News Letter, April 5, 1952

⚙️ **SYNTHETIC THREAD**, said to have all-purpose uses on all types of fabrics, has been found especially good for materials containing synthetic fibers. Will work as well on a machine as in hand sewing. Cuts clean without fuzziness, does not snarl, dries quickly.

Science News Letter, April 5, 1952

## Do You Know?

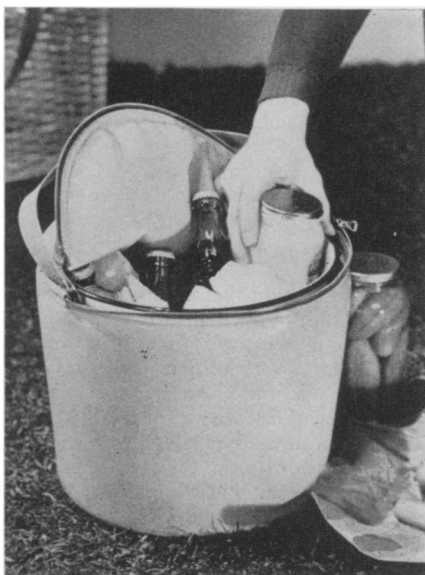
Tropical typhoons are given girls' names in alphabetical order.

Australian aborigines wear shoes made entirely of bird feathers to hide their footprints from enemies.

The value of  $\pi$ , the relationship of the diameter to the circumference of a circle, has been calculated to 2040 decimal places through 70 hours work on an electronic computing machine.

An electric counter can accurately measure 37 billion atomic disintegrations a second.

An *espaliere*d tree is one which has been trained to grow in only two dimensions, and has a formal shape and a given number of branches.



⚙️ **CARRY-ALL PAIL**, insulated by a plastic cover having a zippered-on top, will keep iced drinks cold about 15 hours. Roomy and lightweight, it is shown in the photograph. The pail holds at least a dozen 12-ounce bottles and is protected from hot

weather by glass fibers electronically sealed inside the cover.

Science News Letter, April 5, 1952

⚙️ **PUMP**, BASED on a vibration principle, uses a curved axle which rotates within a flexible tube. A vane on the end of the axle pushes liquid through exit hole of the pump chamber. The pump has no packing and can handle crystals, sand or dirt in liquids.

Science News Letter, April 5, 1952

⚙️ **DOOR LOCK** uses a knob which rotates freely when the lock is thrown. When unlocked, the knob works like any other door-knob. Installation of this lock eliminates drilling and cutting doors. It is said by the manufacturer to be tamper-proof.

Science News Letter, April 5, 1952

⚙️ **LAMINATED WOOD** paneling, newly developed, has a unique finish made from wood chips. Its surface is attractive without further staining, varnishing or painting. The new plywood is exceptionally stable with respect to shrinkage and expansion, and is practically warp-free.

Science News Letter, April 5, 1952

## GADGET BULLETIN

AMERICA'S PREMIER LISTING OF  
NEW MACHINES AND GADGETS

The GADGET BULLETIN is a post card with names and addresses of manufacturers and inventors of the products described on this page every week.

Issued weekly to correspond with this Science News Letter column, each GADGET BULLETIN has a number to correspond with the number listed at the top of the column.

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