

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

⚙️ **WALKING AID**, having a rugged, rubber-tipped, four-legged base, is light enough for a 5-year-old child to carry in one hand. Standing waist high, the aid has an 18-inch handle bar at the top that persons recovering from broken limbs or paralytic diseases can lean upon.

Science News Letter, April 26, 1952

⚙️ **EXPANDING FILE** for cancelled checks and statements extends in an accordion-like manner to accommodate up to a normal two-year collection of those papers. Available in personal-check and business-check sizes, and in imitation or genuine leather, the file can be closed regardless of the number of checks in it.

Science News Letter, April 26, 1952

⚙️ **DELAYED-ACTION LIGHT** switch, which turns light on instantaneously, keeps light turned on about one minute after switch is flipped off. Easily installed in existing wall outlets, it is useful for porches, bedrooms and other places where light is needed for a few moments after the switch has been thrown.

Science News Letter, April 26, 1952

⚙️ **MAGNETIC TAPE RECORDER**, designed to be used with high-frequency telemetering equipment, has a frequency-recording range from 100 to 100,000 cycles per second. Capable of recording on four different tracks, the machine is powered by an improved, constant-speed drive system.

Science News Letter, April 26, 1952

⚙️ **IDENTIFICATION TAGS**, made of an orange plastic and shown in the photo-

Do You Know?

The Indian buffalo has grown a single horn measuring about six feet, five and one-half inches, the longest known horn.

Fog during the daytime produces the worst conditions under which airplane pilots must try to see landing-field approach lights.

Viruses are infectious agents largely characterized by their small size and ability to reproduce only within living cells.

Insects compose the largest class of animals, and the Staphylinidae, or rove beetles, one of the largest single families of living things in the animal world.



graph, can be labeled with wax pencils or crayons and easily wiped clean for re-use. Permanent information can be hot-stamped on by the manufacturer or applied with ink by the user. A slender three-inch stem bends

around the item being marked and fits into a hole in the tag, holding it securely.

Science News Letter, April 26, 1952

⚙️ **AUTOMATIC-ZERO BURETTE** for laboratories screws into a plastic reservoir which can be squeezed to fill the burette through a polyethylene delivery tube. Currently available in 10 and 25 ml sizes, the device gives protection against breakage.

Science News Letter, April 26, 1952

⚙️ **SELF-PROPELLED CARRIER** is a basic power unit to which single-purpose farm machines can be hitched easily and quickly. Driven by a liquid-cooled, four cylinder V-type engine, the equipment has three forward speeds and one reverse.

Science News Letter, April 26, 1952

⚙️ **HANDSAW JIG** protects saw teeth from being over-sharpened. Designed for laymen and professionals alike, the jig is held on the saw by set screws and has depth control rollers which keep sharpened teeth exactly the same height. The jig comes complete with the proper-sized files.

Science News Letter, April 26, 1952

"Last Chance" Offer . . .

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★ **1952 SEEDS**—Salad Bowl lettuce, long-lasting and heat-resisting garden lettuce, Mandarin Chinese cabbage and Celosia Pampas Plume, a new cockscomb—all available this spring for the first time; Dianthus Double Gaiety, new member of the "pink" family . . . these are flowers and vegetables your neighbors won't have.

★ **1951 SEEDS**—Recent flower breeding progress demonstrated by Glitters marigold, top-flight new marigold, and Limelight Marigold, best of its type a decade ago. Two cucumber varieties, one wilt-resistant, show progress in breeding new vegetables.

★ **NUT TREE KIT**—6 specimens of nuts grown in the U. S.—hickory, pecan, almond, filbert, Persian walnut and pistachio. Learn how to grow nuts and what varieties do well in your area.

★ **FERTILIZER KIT**—6 specimens of chemical fertilizers and 2 testing materials to show how fertilizers affect growth.

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