

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

⚙️ **DISH DRAINER** features eight wire supports that hold glasses upside down outside the drainer, making more room inside for dishes. A removable plastic cup that fits inside the drainer holds silverware upright while it dries.

Science News Letter, April 4, 1953

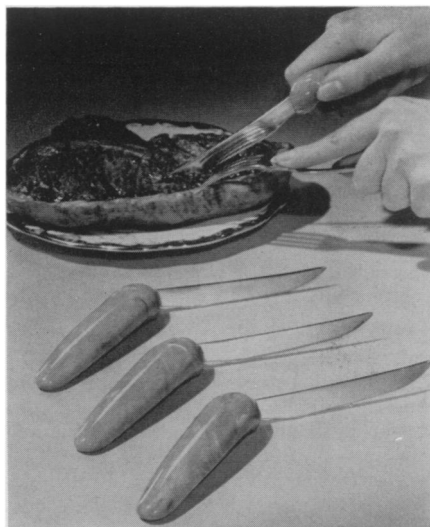
⚙️ **PLASTIC WASTE** paper basket which can also be used as a liner for pedal-operated garbage cans is rustproof, flexible and non-breakable. Easy to clean, the liner is nine and a half inches in diameter and stands ten and a quarter inches high.

Science News Letter, April 4, 1953

⚙️ **LEAD-FREE ENAMEL** contains no toxic ingredient, the maker reports. This makes it especially good for crib and playpen surfaces that may be nibbled on by infants. Colored with real pigments, the enamel produces a tough coating that withstands hard wear and repeated scrubbing.

Science News Letter, April 4, 1953

⚙️ **STEAK KNIVES** for the dinner table have their blades set on an angle like knives that chefs use, as shown in the illustration. The blade angle and "natural grip" butyrate plastic handles are said to give superior



leverage on tough meat. Made of surgical steel, the blades will not come loose from the handles, the manufacturer reports.

Science News Letter, April 4, 1953

⚙️ **"WOODPAPER"** IS made of 10 African and European woods that have been

finely shaven and glued to thin paper backings. Available in rolls, the material makes novel coverings for books, albums, metal objects and boxes. It does not tear easily under tension and can be stamped, printed, bent, painted, lacquered, punched or polished.

Science News Letter, April 4, 1953

⚙️ **PORTABLE WINCH** has a capstan-type drum that permits the operator to control carefully the load being raised. The unit is available in gasoline- and electric-powered models of horsepower varying from $\frac{3}{4}$ to $7\frac{1}{2}$. When in use, the winch can be held in place by $\frac{1}{2}$ -inch lag bolts.

Science News Letter, April 4, 1953

⚙️ **WINDOW-CLEANING SOLUTION**, packaged in an 11-ounce, push button spray-it-on can, is said to clean a greater area than conventional liquid window cleaners. The can dispenses the solution as a fine mist which the housewife wipes from windows and mirrors with a clean cloth.

Science News Letter, April 4, 1953

⚙️ **RESIN ADHESIVE** is said to be suitable for bonding non-porous surfaces such as those of metal, glass, natural or synthetic rubber, ceramics, woods, and layers of phenolic and glass fibers. The adhesive bonds the materials either to themselves or to each other. It resists boiling water, acids, alkalies and most organic solvents, and is recommended where shrinkage cannot be tolerated.

Science News Letter, April 4, 1953

Spring is here . . .

3 EXPERIMENTAL KITS \$1.50

TO GIVE YOU A HEAD START

★ **1953 SEEDS**—Royal Carpet Alyssum, 1953 All-America silver medal winner. Four vegetable seeds for the home garden: small-vined, early maturing tomato; spineless okra; giant radish; late-maturing, vitamin broccoli.

★ **1952 SEEDS**—Salad Bowl lettuce, long-lasting and heat-resisting garden lettuce, Mandarin Chinese cabbage and Celosia Pampas Plume, a new cockscomb—all available for the first time in 1952; Dianthus Double Gaiety, new member of the "pink" family . . . all are particularly suitable for home gardens.

★ **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.

To: Science News Letter, 1719 N St., N.W.
Washington 6, D. C.

I enclose my remittance of \$.....
for..... collection(s) of Growing
THINGS @ \$1.50. Please send to me at my
address as imprinted to the left.

4-4-53

Do You Know?

Oysters put on weight even when they show little or no shell growth.

The human eye can detect a decrease in light intensity in the ratio of one part in 100.

Spraying nitrogenous fertilizers directly on the leaves of orange trees has proved more economical than soil applications.

Turf grasses, commonly believed to be shallow-rooted, can grow deep roots under favorable soil and management conditions.

Chest expansions of up to nine inches have been developed over the centuries by Bolivian Indians to cope with the thin air of the Andes.

Jet pilots measure their aircraft fuels in pounds rather than in gallons because fuel density can change as much as 10% at high altitudes, shrinking the volume deceptively.

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