

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

⚙️ **CLOTHES LOCKERS** for the office yield compact, safe storage for employees' apparel and valuables. One rack accommodates 17 persons. It consists of a 30-inch coat rod surrounded on sides and top by individual lockers for hats, purses and parcels. Each locker has its own number plate and padlock attachment.

Science News Letter, October 9, 1954

⚙️ **CARRY-ALL BAG** for men is a "22-inch oversize" with an easy-to-get-at side pocket of briefcase size for papers. It is covered with a special plastic that does not show scuff marks and that resists attack by the elements. The bag can be locked closed with its heavy-duty slide fastener.

Science News Letter, October 9, 1954

⚙️ **BALL HOLDER** clips to a golfer's belt and firmly grips two golf balls, a tee and a scoring pencil. Made of a sturdy butyrate plastic, the device is lightweight and will not rust after being rained upon.

Science News Letter, October 9, 1954

⚙️ **BASEBALL-GLOVE ASHTRAY** is about seven inches in diameter and has a ceramic center that holds dozens of cigarette butts and many ashes. The glove is trimmed in pigskin leather, even to rawhide lacing between the fingers.

Science News Letter, October 9, 1954



⚙️ **CAST FOR** fractured bones often permits the user to return to his job sooner, thus cutting lost-time unemployment. Made of plaster of Paris reinforced with a plastic resin, the cast permits sharper X-ray pictures to be made, and is stronger, lighter and thinner than ordinary plaster casts. It is shown in the photograph. The cast may be washed in water without damage.

Science News Letter, October 9, 1954

⚙️ **CORK-TO-GLASS CEMENT** permits the do-it-yourself householder to attach cork to decorative glass stoppers, making it possible to use them as primary seals in decanter-type bottles. The cement resists alcohol and will not contaminate the beverage.

Science News Letter, October 9, 1954

⚙️ **DRYING RACK** for hand-washed stockings and lingerie is made of wood coated with a butyrate plastic and sticks with a heavy-duty adhesive directly to tile bathroom walls. It also grips plaster, wood, steel and glass. The rack has three snag-proof arms that fold against the wall when not in use.

Science News Letter, October 9, 1954

⚙️ **MOTOR LIFTER** for outboard motors is said to extend greatly the cruising range of small craft by freeing them from dependence upon river channels. The outboard motor can be held at any draft, from full to "dry dock." The attachment is said to cut motor damage 90% when submerged objects are struck.

Science News Letter, October 9, 1954

Do You Know?

Air pollutants that make human eyes water may also upset the delicate mechanism by which plants absorb water and nutrients.

A practical method has been worked out of analyzing tree prunings to determine the existence of *minerals* in the earth beneath the trees.

The amount of *iron ore* required for each ton of pig iron produced in 1953 was the lowest in many years, averaging only 1.691 tons as compared with 1.725 tons in 1951.

The U. S. Geological Survey has developed an accurate method of figuring the reserves of *uranium ore* deposits of the Colorado Plateau.

Legume cover crops provide maximum *nitrogen* for the soil when they are plowed under at their peak of growth and are still green and succulent.

Chlorine, an important chemical for human and animal nutrition, has been found vital for healthy plants.

Americans between 30 and 49 drink more *coffee* per person than any other age group, averaging well over three cups daily.

SCIENCE SERVICE FILMSTRIPS

Authentic • Timely • Instructive

Ten titles — each strip complete with lecture notes.
37 to 67 single picture frames on 35 mm. safety film.

1. Antibiotics
2. Blood, The Stream of Life
3. Controlling Insect Pests
4. Fundamentals of Electricity
5. Knots and Ropes
6. Use & Care of Woodworking Tools
7. Working with Metal
8. How to Solder
9. Plastics
10. Youthful Scientists

Packed in individual metal cans

—————ORDER TODAY—————

Please send me the following Science Service Filmstrips for which I enclose \$1.25 each; (Circle numbered titles desired).

1	2	3	4	5
6	7	8	9	10

10-9-4



Mail to my address as imprinted at the left.