

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

⚙️ **ELECTRIC HONE**, for use in homes, factories and on farms, will sharpen tools from kitchen knives to garden hoes without burning blades or grinding them away. Plugged into the household electric socket, it employs what the makers called a magnetic honing action, without use of wheels or gears.

Science News Letter, October 22, 1949

⚙️ **ICE CRUSHER**, built into one of the well-known automatic ice makers, permits the refrigerator to deliver uniformly crushed ice crystals or cubes as desired, by the flip of a switch. It is designed for use in hotels, clubs, taverns and other beverage and food dispensers.

Science News Letter, October 22, 1949

⚙️ **STEEL BRIDGING**, to replace the short wood pieces set in at an angle between joists in floor structure for reinforcement, comes in stock size for joists of any standard depths installed on 16-inch centers. The bridge fits over the top of one, with its ends on the underside of adjacent joists, and requires only two nails to fix in place.

Science News Letter, October 22, 1949



⚙️ **MUSICAL INSTRUMENT** for youngsters, shown in the picture, is described as a cross between clarinet, harmonica and button accordion. It is an inexpensive plastic device with ten button keys regulating the tone of 20 notes, and is capable of covering a wide range of musical selections.

Science News Letter, October 22, 1949

⚙️ **AIR DEODORIZER**, available in handy "aerosol" containers in which it is pressurized by Freon-12, is a non-inflammable and non-toxic type that destroys unpleasant odors by chemical action. This improved spray is claimed to be effective against most odors, including formaldehyde and ammonia.

Science News Letter, October 22, 1949

⚙️ **SUCTION HOLDER**, for the permanent attachment of towel racks and other fixtures to metal, glass or tile without drilling a hole, has a suction cup and a metal shield arranged in such a manner that air can enter the vacuum only by passing through a zone of rubber-like material under compression.

Science News Letter, October 22, 1949

⚙️ **COLOR COMPARER** enables the amateur photographer to match duplicate prints exactly in the developing tray. It is shaped like a four-leaf clover, the leaves in color varying from flesh to dark skies. In the center of each is a hole through which the print is color-matched with the leaf.

Science News Letter, October 22, 1949

Do You Know?

One type of airplane *jet engine* requires 100 tons of air every hour.

Noise limits may some day become common in American cities as speed limits are now.

Glass is usually a clear transparent material, but when ground to a fine powder it is white like salt.

Nature has endowed most *fishes* with ability to reproduce far more of their kind than can be reared to usable size in a given body of water.

Common glass is composed of silica sand, soda ash and lime, but there are thousands of special compositions, some quite complex.

White-footed or *deer mice* often live in hollow trees and are valuable animals because they destroy certain insect life, particularly the destructive pupating larch sawfly.

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