

•New Machines And Gadgets•

⚙️ **DUSTING MOP** for household floors has suction similar to that of the ordinary vacuum cleaner for rugs. The triangular mopping pad is covered with a low-fitting housing through which the dust from the mop is pulled by the motor fans into a dust bag.

Science News Letter, April 20, 1946

⚙️ **TWEEZER SPOT** welder, a 25-pound portable machine, has a pair of insulated copper tweezers at the end of a flexible cord, and also a foot switch. The tiny pieces of metal to be united are held in tight contact by the tweezers, and the foot lightly pressed on the switch.

Science News Letter, April 20, 1946

⚙️ **POWER-DRIVEN** plane, a hand tool of the bench plane type, has a flat disk with cutting edges set in its base, and an electric motor above the center of the plane's block to rotate the disk. Fan blades, also rotated by the motor, discharge the chips and keep the motor cool.

Science News Letter, April 20, 1946

⚙️ **TOOTHBRUSH** attachment is a drip cup device that prevents liquids on the brush from running down the handle to the annoyance of the user. The elongated cup has an opening in its base through which the handle of the brush is passed. Elastic edges on the opening prevent leakage.

Science News Letter, April 20, 1946

⚙️ **TOY PIANO**, claimed to be the first one with a chromatic scale, has gleaming plastic keys in a keyboard that



covers almost $2\frac{1}{2}$ octaves. It is a miniature grand in shape, as can be seen in the picture, and has removable legs so that it can be rested on a table.

Science News Letter, April 20, 1946

⚙️ **MOTOR-DRIVEN** typewriter eraser has an elongated housing in which is a tiny motor and drive shaft. The circular eraser, of ordinary desk size, is mounted on the end of an extended flexible drive shaft which permits it to be turned at various angles. Speed is controlled by a rheostat.

Science News Letter, April 20, 1946

⚙️ **TREE GUARD** protects the tender bark of young trees from rabbits and other bark-eating animals. It is a strong,

curled fiber sheet of hard, tough material, split on one side. Held open while being placed around the tree trunk, it snaps back into position when released.

Science News Letter, April 20, 1946

⚙️ **WEED EXTRACTOR** resembles an ordinary cane with a pivoted short crossarm near its lower end. One end of this crossarm rests on the soil; the other is bent downward at a right angle, forming, with the end of the cane itself, a pair of jaws to grasp the weed.

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 307.

Science News Letter, April 20, 1946

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