

# • New Machines and Gadgets •

☛ **MIMEOGRAPHER** for postal cards and note paper resembles the ordinary desk blotter holder which has a flat removable top carrying a knob and a curved lower surface. The cut stencil is put on the curved surface of this newly patented device and clamped in place by a special arrangement of grooves.

*Science News Letter, May 20, 1944*

☛ **SLEEPING COVER** for a baby's crib mattress, just patented, consists of a cloth envelope into which the mattress is slipped. The roomy top side, under which the baby is laid, has an adjustable soft-padded neck opening, and a slit fitted with a fastener extending beyond the baby's feet.

*Science News Letter, May 20, 1944*

☛ **HOSE ASSEMBLIES** for fuel, oil and hydraulic lines in aircraft, motor vehicles, refrigerators and hydraulically operated machine tools, have been developed by use of a rubber-like vinyl plastic lining. It is immune to the action of highly concentrated benzol and other benzene products.

*Science News Letter, May 20, 1944*

☛ **THE BOMB-SHAPED** 57-pound water-cooled electric motor shown in the picture is only 13 inches long and five in diameter, yet it has a rating of 30 horsepower and 6,000 revolutions a minute. It is used to drive propellers of small model airplanes in large wind tunnels where flying conditions are simulated.



*Science News Letter, May 20, 1944*

☛ **LIFTING APPARATUS** to help pick up sheets of flat metal from a pile consists of a patented rubber vacuum cup arrangement with a pair of handles. When spread the handles flatten the cup against the metal, and when squeezed together raise its center to create a vacuum and firmly grip the sheet.

*Science News Letter, May 20, 1944*

☛ **PICK-UP CANE** for one who can not stoop, has a hinged finger recessed near its lower end which can be swung out and down to form with the end of the cane a pair of grasping jaws. This patented device is operated by the fore-finger in a ring on the handle and a rod to the hinged piece.

*Science News Letter, May 20, 1944*

☛ **ACID-PROOF MORTAR**, particularly suitable for equipment used in the production of explosives, pigments and other chemicals, is made of sulfur plasticized with synthetic rubber. It is unaffected by acids, corrosive salt or mild alkaline solutions.

*Science News Letter, May 20, 1944*

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 208.

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## Question Box

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