

# • New Machines and Gadgets •

☛ **COAT HANGER**, made in two separate parts, consists of slightly curved arms with hook-like sections at one end. One arm is passed through a slot in the other and the hooked ends interlocked to hold the arms extended and form a ring for suspension. It may be easily taken apart for shipping.

Science News Letter, October 7, 1944

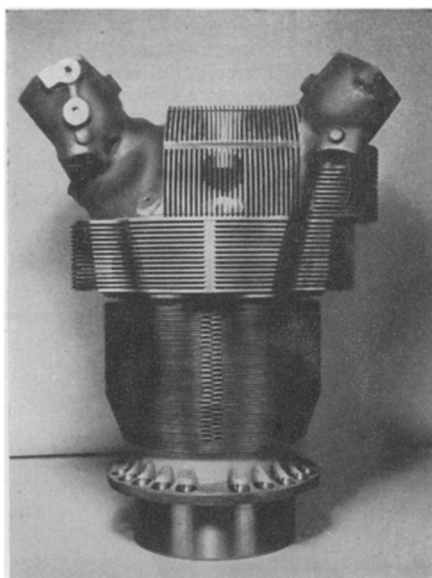
☛ **LIGHTED wall switch plate** enables one to find the light switch quickly in a dark room. The plate has a tiny shielded light that comes on automatically when room lights are turned off, and goes off when the lights are turned on. The cost of operating for a year is but a few cents.

Science News Letter, October 7, 1944

☛ **INTERCHANGEABLE settings** for finger rings, brooches and other articles of jewelry are now possible with a newly patented device. The setting holding the stone has a flat bottom and a projecting threaded pin which is screwed into a threaded opening on the flat top of the ring or other base.

Science News Letter, October 7, 1944

☛ **AIR-COOLED aircraft engine**, newly designed, permits greater horsepower output and saves large quantities of critical alloy steel. Aluminum cooling fins on steel cylinder barrels give almost twice the cooling area of all-steel



fin. Sixty aluminum fins, shown in the picture, can be mounted in the space formerly occupied by 40 steel fins.

Science News Letter, October 7, 1944

☛ **BABY WALKER**, a chair or seat in which the baby can sit, stand or walk with safety, has an extended arm anchored to the floor so that the child can walk only in circles. The anchor is a weight with a more or less adhesive rubber base.

Science News Letter, October 7, 1944

☛ **ROLLER SKATES** with toe end bumpers to assist quick stopping, now patented, will enable skaters to do fancy and figure skating with greater ease. The disk-shaped bumper, of a soft wear-resistant material, projects at a downward angle at the front end of the skate and contacts the floor when the heel is raised.

Science News Letter, October 7, 1944

☛ **COFFEE POT**, recently patented, uses a tiny power-driven pump to raise the water into the coffee basket at the top for percolation. In addition to the electric heating unit in the base, there is an electric motor that rotates a magnet which, magnetically, causes rotation of another magnet attached to the shaft of the pump.

Science News Letter, October 7, 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 228.

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