

• New Machines and Gadgets •

⚙️ **FOREST FIRE** extinguisher, a bomb to be dropped from airplanes, upon hitting the ground scatters a suitable fire-extinguishing chemical on the fire and surrounding territory. A winged tail assembly causes the bomb to hit the surface on its detonating pin.

Science News Letter, September 23, 1944

⚙️ **STEAM IRON** for pressing clothes, in an improved form, flashes steam on the materials near the point of the iron through channels and ports that can be easily cleaned of deposits from impurities in the water. The construction also prevents particles of water from being carried by the steam to the clothes.

Science News Letter, September 23, 1944

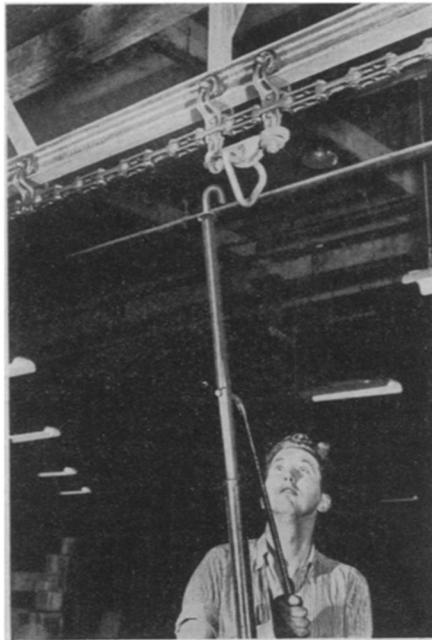
⚙️ **PRISMATIC** lenses set in a lightweight plastic frame and eye shade, worn on the head over the wearer's glasses, constitute a binocular magnifier for the examination of specimens, cultures, crystals, seeds and other objects. The box frame shields the eyes on the sides and top.

Science News Letter, September 23, 1944

⚙️ **KITCHEN** knife sharpeners having roller disks are used to smooth the edges of warplane aluminum sheets in an aircraft factory. They are fitted with plastic handles and with V-shaped metal guards to protect the workers' fingers.

Science News Letter, September 23, 1944

⚙️ **CONTINUOUSLY** moving overhead chain-conveyor is employed in at least one aircraft factory to move heavy objects with dispatch and efficiency. A section of the chain and I-beam track are shown in the picture. Floor-type trucks



and trailers are hooked onto the conveyor by telescopic masts.

Science News Letter, September 23, 1944

⚙️ **HYDRAULIC** built-in jacks on automobiles mounted on the under side of the axles, one near each wheel, are power-operated from the car engine and permit one or more wheels to be raised from the ground as desired. All four jacks in this patented arrangement are connected to a common reservoir and valve housing.

Science News Letter, September 23, 1944

⚙️ **POWER-DRIVEN** oyster opener is a small hand tool with a chisel-like blade which vibrates rapidly in an endwise

direction. The point, inserted between the half shells and driven in by the vibrations, cuts the holding muscle and pries the shells apart.

Science News Letter, September 23, 1944

⚙️ **BEVERAGE CUP**, with a hollow straight handle through which a sucking straw may be extended to the bottom of the mug, permits drinking the liquid contents without the froth or scum at the top. A crossarm connects cup and top of handle.

Science News Letter, September 23, 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 226.

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