

• New Machines and Gadgets •

⚙️ **LARGEST LABORATORY** bell jar in the world is used by an aircraft engine manufacturer to house an altitude ignition tester. Air pressure and temperature within it can be made to simulate conditions five miles above the earth. Observations are taken through its transparent walls.

Science News Letter, September 8, 1945

⚙️ **MOTORIZED** hand truck of the tilt-able type is a three-wheeled vehicle with the axle of the single wheel used as a fulcrum to tilt the platform for loading. By a sliding device on the frame where it is attached to the axle, the fulcrum point may be varied to balance the load.

Science News Letter, September 8, 1945

⚙️ **SHRIMP** fishing vessel on the Gulf of Mexico, the first of its kind, has on board complete equipment for the immediate processing and freezing of shrimp, and for refrigerating them. By this method a fresher and tastier product is furnished for the table.

Science News Letter, September 8, 1945

⚙️ **GUIDE** for a blind man is a light plow-handle-shaped cane, which he pushes along ahead of him. It rolls on a freely swivelled caster on the lower end. A horizontal wheel, mounted just above the caster, will roll along a vertical wall.

Science News Letter, September 8, 1945

⚙️ **PEACETIME** coffee percolator is expected to rest on an electrically heated base in which the heat is automatically turned down after the coffee is made. In appearance it will resemble the common percolator with two glass bowls.

Science News Letter, September 8, 1945



⚙️ **ELECTRONIC DRIER**, laboratory model, employs a 100-watt radio-frequency generator to provide heat for drying out liquids placed in a moderate vacuum under the small dome shown in the picture. It is designed for research men working with biological solutions and heat-sensitive chemicals.

Science News Letter, September 8, 1945

⚙️ **STORAGE** battery, utilizing the principle of the diving bell, and capable of operating while submerged in several feet of salt water, has been developed for motor vehicles in the Pacific war area. Seawater can enter a compression dome of proper size which houses a breather stand-pipe.

Science News Letter, September 8, 1945

⚙️ **WORLD GLOBES**, in easily separated halves, are made of a transparent plastic with outlines of geographical fea-

tures on the face. Removable films, spherical in shape and carrying various types of information, are furnished to insert within the globes and read through the transparent material.

Science News Letter, September 8, 1945

⚙️ **REVOLVING** shelves for refrigerators rotate by means of a central vertical shaft so that any article of food on them can be easily reached. The circular shelves are in sections so that any part can be removed for cleaning.

Science News Letter, September 8, 1945

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 275.

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