

• New Machines and Gadgets •

⚙️ **LAWN MOWER** is accurately adjusted for any grass-cutting job with two hand knobs. One connects with an automatic leveling device and controls exact height of the cut, the other gives fine control and adjustment of the proper clearance between the cutting blades and the bottom knife.

Science News Letter, March 9, 1946

⚙️ **NIGHT BINOCULARS**, developed for Navy pilots and lookouts, have an exceptionally wide field of vision and a non-reflecting coating on the exposed surfaces of the glasses to permit transmission of the maximum amount of light. With them the range of night vision is greatly extended.

Science News Letter, March 9, 1946

⚙️ **SLEEPING BERTHS** rotate upward into concealment in the wall by pressing a button which operates a mechanism that works on a self-counterbalance principle. The upper berth is a complete unit, the lower is the rear of the back of a divan; either can be placed in position for use alone.

Science News Letter, March 9, 1946

⚙️ **ELECTRIC pig-brooder** not only keeps very young pigs warm but keeps them away from their mother, thus lessening the usual high death rate from crushing as the sow moves around. It is a low shelter in the farrowing pen, heated with an overhead 100-watt lamp and reflector.

Science News Letter, March 9, 1946



⚙️ **COIN MACHINES**, in which "hot dogs," hamburgers and grilled cheese sandwiches within sealed wrappers are heated almost instantly by radio waves, will soon be common in public places. The picture shows the mirror-topped machine with a sandwich in the electronic heating chamber and another being removed below.

Science News Letter, March 9, 1946

⚙️ **CELESTIAL** sighting device, by which air and surface ship navigators may take bearings by the stars in daylight, looks like a combination telescope and surveyor's instrument. Attached to the lower end of the tube of the instru-

ment is an eyepiece turret with three eyepieces, and within the tube is a prism that bends the light rays through 90 degrees.

Science News Letter, March 9, 1946

⚙️ **SNOW TRACTOR** has a rhomboid-shaped frame so that its sloping front easily mounts the snow. Sprocket wheels on the four corners carry the endless cleated traction belt, one wheel on each side being powered by a gasoline engine. The tractor, designed to pull a dog sled, is steered from the front or rear by projecting handles.

Science News Letter, March 9, 1946

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 301.

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