

• New Machines and Gadgets •

☛ SAUCER with two depressions in it, one to hold the cup of coffee in place and the other to hold the tiny bottle of cream, has been granted a patent. It is designed for use in cafes, to decrease spillage and breakage.

Science News Letter, June 17, 1944

☛ OIL REFINERS, made in two sizes, clean lubricating oil with continuous and automatic operation and are capable of removing fuel dilution, acids, solid and colloidal carbons, dirt and similar matter. They use common refinery earths available on the open market.

Science News Letter, June 17, 1944

☛ SAFETY cut-off valve, to cut the fuel gas supply piped into a building, closes automatically in case of fire when the heat softens a plastic link that holds the stem from the seat of the valve. The plastic spreads, breaks or becomes elastic, permitting the stem to make close contact with the seat.

Science News Letter, June 17, 1944

☛ FACTORY safety goggles, to resist the impact of flying particles, use glass lenses which were scientifically toughened. Finished lenses are reheated and then their surfaces are rapidly cooled by compressed air. Under polarized light



the toughened lenses reveal the black pattern shown in the picture.

Science News Letter, June 17, 1944

☛ SNUFF DIPPER which permits snuff to be dipped in a dignified manner, consists of a small cupshaped spoon with a rotary rod running lengthwise throughout the handle. When the rod in this patented device is turned by thumb and finger, a loop on its end empties the snuff from the cup.

Science News Letter, June 17, 1944

☛ MARGARINE may be colored without removal from its inside wrapping if a newly patented method of packaging is used. The inner wrapping is a flexible vaporproof material with the coloring placed inside it in a breakable envelope. Kneading the contents by hand when soft releases the coloring and mixes it thoroughly with the margarine.

Science News Letter, June 17, 1944

☛ PORTABLE hammock, recently patented, has two pivoted long arms and two pivoted short legs as side members on a frame. When open, the four pieces form a diamond-shaped center, with the frame supported from the ground by the legs. The hammock swings from the ends of the arms.

Science News Letter, June 17, 1944

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