

# • New Machines and Gadgets •

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☞ **PAPER UMBRELLAS**, resistant to water because coated with waterproof resin, are closely folded in stiff pleats that open up and close down like an ordinary umbrella but eliminate the need for metal ribs. This economical and easily replaced umbrella comes in various colors.

Science News Letter, January 12, 1952

☞ **FLASH GUARD**, for use in taking photographs with flashlights, is a plastic bag-like affair to put over the bulb which gives safety from shattering. It has clear transparent material on one side, and a blue plastic on the other which acts as a filter for color shots.

Science News Letter, January 12, 1952

☞ **HASSOCKS FOR** leg rests or temporary seats come in pairs, one fitting within the other to save space when not in use. Both are bucketlike affairs, with lift-off lids and finished in a plastic that looks and feels like fine fabric.

Science News Letter, January 12, 1952

☞ **LIGHTER KIT**, for the smoker, contains in a gift package a cigarette lighter, a packet of six flints and a can of lighter fluid. The lighter supplied is the one chosen by the customer and is placed in the package by the local dealer when a sale is made.

Science News Letter, January 12, 1952

## Do You Know?

If oranges are squeezed too hard in extracting the juice for a beverage, oil from the peel gets into the liquid.

The pressure used in making a snowball melts the flakes enough to cause them to stick together.

The need of vitamin C to prevent scurvy has been long known but it is also necessary for the utilization of certain amino acetic acids from food.

Fingerling trout, distributed from hatcheries to streams, require about a year to grow to a six-inch size.

Drag parachutes are standard equipment for certain jet-propelled bombers.

Tobacco was originally a tropical product but it is now being grown from Canada to Argentina.



☞ **FOOT-WARMER**, for the office worker or the traffic officer, is a movable rubber mat, shown in the photograph, heated electrically from any convenient electric outlet. The material used is a conductive rubber long used as deicing installation

on airplane propellers and leading edges of wings.

Science News Letter, January 12, 1952

☞ **LIFE RAFT**, an inflatable rubber affair in a torpedo-size aluminum alloy container, can be dropped from an airplane or launched from a vessel, expanding automatically when it hits the water. It is equipped with an engine and steering mechanism which can be controlled by radio from the mother ship.

Science News Letter, January 12, 1952

☞ **SCARE-BIRD** to eliminate the roosting of nuisance birds on city buildings is a mechanical device in the shape of a bird that flaps its wings and turns its head. Operated electrically, this recently patented device is constructed to resemble an enemy bird of the nuisance birds.

Science News Letter, January 12, 1952

☞ **HEATED BED**, granted a recent patent, is a four-poster with roof, within which is an electric heater, and side curtains of a material designed to reflect radiant heat. An electric blower provides ventilation and a thermostat automatically controls temperature.

Science News Letter, January 12, 1952

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