

# • New Machines and Gadgets •

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⚙️ **PROTECTIVE MASK**, for factory, mine and farm workers, is an aluminum shield to fit over mouth and nose, inside of which is a replaceable filter to catch dust and particles in the air. This half-ounce shield is cool and comfortable, and its disposable filters are easily replaced.

Science News Letter, July 14, 1951

⚙️ **FUMIGATION TENT**, for use in the chemical treatment of soil with methyl bromide gas to kill weeds, insects and nematode worms in seed-beds, is a sheet of durable plastic in a wide roll. In use it is unrolled over a support of boxes and boards, and the edges covered with soil.

Science News Letter, July 14, 1951

⚙️ **"ROUND" WAGON** for youngsters has a circular body which rotates as the wagon is pulled. It is a three-wheel affair whose body rotates fast enough for fun but not too fast for safety. It can be used also as a standard wagon; an easily reached control near the front eliminates rotation.

Science News Letter, July 14, 1951

⚙️ **EDGE TRIMMING** attachment for lawn mowers, recently patented, is a rotary vertical cutter positioned exterior to either wheel of the mower. Attachment is by means of a U-shaped arm that fits over the lawn mower wheel, and the device can be rotated to an inoperative position when desired.

Science News Letter, July 14, 1951

⚙️ **HIGH-INTENSITY LIGHT** for airport runways has a thimble-shaped one-piece lens covering a 200-watt electric bulb,



as shown in the photograph. Two flattened sides of the lens emit high candlepower beams along the runway, a curved side

gives out a fan of light, and another curved side gives a glare-free glow.

Science News Letter, July 14, 1951

⚙️ **SAFETY LAMP**, for home or factory use, is a flashlight with ordinary batteries but with a device operated by the electrical current of the building's lighting system which turns the flashlight on in case of power failure. To be ready for use, it is plugged into an ordinary AC or DC outlet.

Science News Letter, July 14, 1951

⚙️ **ELECTRIC RAZOR**, a recently patented device which can be used for either a dry or a lather shave, is composed of a tubular handle containing the motor and a circular blade on the end of a shaft. An outer guard prevents the rapidly-rotating blade from cutting the skin.

Science News Letter, July 14, 1951

⚙️ **OPEN CAB** for the tractor consists of a heavy-duty canvas to cover the motor which extends backward on both sides of the driver. On the cab portion it carries a transparent plastic rigid sheet extending upward to form a windshield and clear-vision side protection.

Science News Letter, July 14, 1951

## Do You Know?

Summer field-grown tomatoes are about twice as rich in vitamin C as winter and fall greenhouse-grown fruit.

A star of the "first magnitude" is about 2.5 times as bright as one of the second, and is exactly 100 times brighter than one of the sixth magnitude.

Cheese *whey* is used in making some types of ice cream.

Poison ivy is a *sumac*, in spite of the dissimilar appearance.

American *peppermint*, a favorite flavoring, comes from planting stock imported from England about 1812.



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7-14-1