

• New Machines and Gadgets •

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⚙️ **CHRISTMAS TREE LAMP**, for the dining table or mantelpiece, has a decorated tree-shaped shade in colors that revolves continuously but silently over a colored light. It comes in two sizes, 17 and 29 inches tall, and the bulb is a 1,000-hour type.

Science News Letter, October 27, 1951

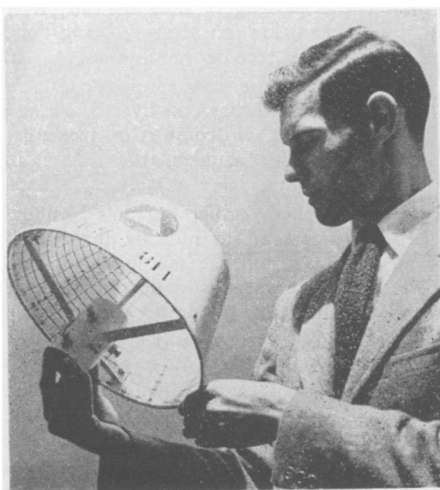
⚙️ **NON-SKID SCATTER RUGS**, woven from twisted, durable plastic strips, not only stay put but are easily cleaned and are resistant to abrasion, tearing, flame, oils, alcohol, household chemicals, mold and mildew. Cleaning is done with sponge or damp cloth.

Science News Letter, October 27, 1951

⚙️ **BALL MILL**, a small tubular affair for use in medical laboratories to beat highly dangerous bits of diseased matter into an emulsion, is made of stainless steel and uses inside smashing balls of the same material. Samples may be withdrawn through the needle of a syringe without opening the tube.

Science News Letter, October 27, 1951

⚙️ **RADIATION LAMPSHADES**, so called because of their shape, are sheet metal devices painted white to set outdoors in a target area to determine the position of an atomic bomb explosion. Heat radiation



from the blast will scorch the paint on the inside, showing the direction from which the radiation came. The device is shown in the illustration.

Science News Letter, October 27, 1951

⚙️ **CLOTHING ROD** for the closet is a hollow steel extension rod with a narrow slit lengthwise in its lower side and within which are tiny wheels to which the hanger-

holding carriers are attached. Each carrier holds two garments in staggered position and is easily moved because of the wheels.

Science News Letter, October 27, 1951

⚙️ **EDUCATIONAL CARDIOSCOPE**, which looks like a tall, thin television set, permits heart sound waves to be projected directly on a screen. It is for use in teaching beginners how to diagnose various heart sounds. Plugged-in stethoscopes pick up sounds accompanying the screen images.

Science News Letter, October 27, 1951

⚙️ **TWIN-BEAM FLASHLIGHT** has two bulbs with separate lenses that can be lighted together or singly with the flip of a switch. Both bulbs of this recently patented device are energized by the same battery. One advantage is its ability to give light of two different intensities.

Science News Letter, October 27, 1951

⚙️ **COMBINATION TOOL**, a hand-held device operated by electric current, may be used for metal sawing, filing, sanding and as a drill. Operation tools are easily attached or detached in a chuck. A flip of a button converts the device from sawing to drilling action.

Science News Letter, October 27, 1951

Do You Know?

A forerunner of today's popular *ice cream* was enjoyed by Nero, the Roman emperor; it was made of mountain snow flavored with nectars, fruit juices and honey.

Packaged *potato chips* remain tasty longer if packets of silica gel and activated carbon are included in the package; the gel takes up moisture and the carbon unpleasant odors.

A plentiful Brazilian *shrub*, which looks like a stunted coffee tree, has leaves containing lemon oil of potential market value; little recovery is now made.

Mechanical *damage*, not decay, is the principal reason that railroad ties have to be removed.

Cattle with pinkeye, with both eyes affected, have been known to starve because they could not see well enough to find food.

About one-third the *copper* used in the United States is supplied by Chile.

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