

• New Machines and Gadgets •

⚙️ **PICNIC TABLE**, recently patented, when folded resembles the conventional suitcase that opens into equal halves. Its legs fold inside like those on a card table. One half of its body is equipped to hold plates, cups, knives and forks; the other half holds two folding chairs.

Science News Letter, November 18, 1944

⚙️ **ROTARY slide rule** permits rapid and accurate multiplication and division through the process of rotating a hand knob and operating a lever. The cursor, ordinarily the runner, is on a fixed window of a housing in which the scales revolve. An attached small microscope of good magnification assists reading.

Science News Letter, November 18, 1944

⚙️ **BILLIARD-BALL** collecting device, which is a controlling device as well, consists of ducts leading from the pockets to a central place through which the balls roll when released by a mechanism operated by a coin being put into a slot. It is for use in billiard parlors where money is paid for each play.

Science News Letter, November 18, 1944

⚙️ **CRUTCH** with a deep arm-pit cradle, adjustable hand-grip, and removable spike on the end for use when the ground is frozen or slippery, is now patented. When not in use the spike, which is the end of a rod extending through the leg of the crutch, is drawn up into the leg by a thumbscrew just under the hand-grip.

Science News Letter, November 18, 1944



⚙️ **RUBBER PILLOWS**, now used to jack up army aircraft on soft ground by filling them with air delivered by a gasoline-driven engine blower, raise the plane without injury to the wings when placed as illustrated in the picture. Each giant bag, when inflated, is six feet high and can support 12 tons.

Science News Letter, November 18, 1944

⚙️ **FLUID SEPARATOR**, for use on the gasoline supply line feeding an automobile engine, filters the gasoline through a porous metal membrane to free it from whatever water may have been mixed with it. The porous membrane, cup-shaped and placed inside a

container into which the gasoline flows, permits the passage of gasoline only.

Science News Letter, November 18, 1944

⚙️ **WEED MOWING** machine of the walking type, good for cutting close to fences and walls, has a horizontally positioned rotatable disk extending from the front which carries three projecting short cutting blades. A small engine mounted on the axis of the two-wheeled machine causes the disk to rotate rapidly. It is pushed forward and guided with a pair of plow handles.

Science News Letter, November 18, 1944

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