

• New Machines and Gadgets •

⚙️ **FRUIT BAGGER** and weigher is an incline down which the fruit rolls into a bag suspended on one end of a balance beam with any desired weight on the other end. When the bag and contents reach the proper weight, the balance is upset and a gate automatically stops the rolling fruit.

Science News Letter, June 9, 1945

⚙️ **SHOE PROTECTOR**, to shield a worker's boot when handling oil, is a simple cover for the upper part of the shoe, made of an oil repellent material. Hinged narrow strips at the top are tucked inside the shoe to hold the cover in place.

Science News Letter, June 9, 1945

⚙️ **CONSTRUCTION LEVEL**, for use where pipes or other parts must be laid at a slight angle with the horizontal, is like the ordinary carpenter's level but has an insert in the base, hinged at one end, that can be opened out to any desired small angle by turning a screw.

Science News Letter, June 9, 1945

⚙️ **WEED PULLER** and cultivator is a hand garden tool with an S-shaped narrow blade at its end. The blade ends in two prongs that can be used to grasp the weed under the surface and pry it out. When turned over, the prongs may be used to scratch the soil.

Science News Letter, June 9, 1945



⚙️ **LITTLE GIANT** television tubes, for large-screen home television, are five inches in diameter, less than half the 12-inch prewar tubes on the face of which the picture was read directly. The new tube, shown above, gives a brighter picture and is cheaper to make.

Science News Letter, June 9, 1945

⚙️ **SALT-AND-PEPPER shaker**, to deliver a measured amount of either or a mixture of both, has two lateral containers and a tube leading from a cup-shaped top to a perforated base. When

inverted, valves control the flow of the condiments to the transparent top, from which they pass through the tube when the shaker is placed upright.

Science News Letter, June 9, 1945

⚙️ **BABY CARRIAGE**, convertible into a swing, has two arms on each side projecting upward from the axles and hinged at the top. From the same joint other arms extend to the chassis. To convert, front and rear wheels are spread apart, releasing the chassis which is then free to swing.

Science News Letter, June 9, 1945

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