

# • New Machines and Gadgets •

For addresses where you can get more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N ST., Washington 6, D. C. and ask for Gadget Bulletin 562. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **WRAPPING** for meat to be roasted is made by a special machine for use in the market. This machine grinds fat into a fine mixture and extrudes the fat in a layer on moisture-proof cellophane. Such wrapping holds the juices in the meat during roasting and eliminates need of basting.

Science News Letter, March 24, 1951

⚙️ **RUBBER FLASHLIGHTS**, breakproof, waterproof and damage-proof, are claimed superior to types in metal cases because they will not injure furniture or other polished surface on which they may be laid. This new flashlight can be focused for either a wide beam or spotlight.

Science News Letter, March 24, 1951

⚙️ **HEATER** for ice-fishing, recently patented, is a circular, double-walled affair that fits around the sides of the hole cut through the ice and keeps the water within from freezing. Between the double walls is a tank for liquid fuel and also a series of burners.

Science News Letter, March 24, 1951

⚙️ **VINYLLITE** wallets with electrically-welded seams and no stitching are available in various colors and various textures ranging from straw effect to woven ribbon effect. A detachable purse for change slips into the outside cover and snaps securely in place.

Science News Letter, March 24, 1951

⚙️ **RING-CLEAT** football shoe, designed to prevent injury from slips and falls, has a circular part under the ball of the foot where it offers least resistance to rotation. Curved toe and heel cleats, shown in the picture, are arcs of circles with the same center as the ring.

Science News Letter, March 24, 1951

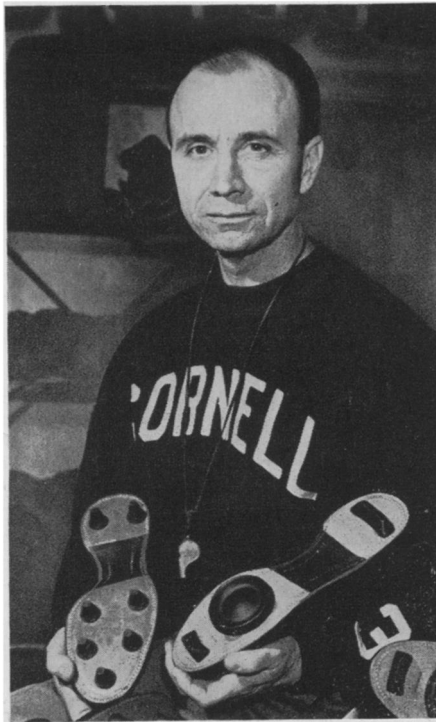
## Do You Know?

Columbus took 70 days to cross the Atlantic; planes now take less than a single day.

Grain *sorghum*, rapidly becoming an important American crop, provides feed for livestock either as grain or forage.

*Limestone* is used in blast furnaces to remove impurities from iron ore and in steel-making furnaces to remove impurities from pig iron.

*Tungsten* is an essential metal in the manufacture of cutting tools, in the filaments of electric lamps, in armor plate and armor-piercing projectiles.



⚙️ **MAGNIFYING** glass, for the naturalist in the field or even the fisherman in "baiting" his line, is hinged to a base that is worn flat on the chest. When this recently patented device is not in use the glass lies against the base but, in use, it projects to the front between the eyes and object under examination.

Science News Letter, March 24, 1951

⚙️ **CHAMOIS** substitute, for car and window washing and all sorts of household cleaning, is made of a long-wearing, non-woven fabric impregnated with a special latex, and looks, feels and absorbs water like the natural products. It wears three times longer, however, and will cost much less.

Science News Letter, March 24, 1951

⚙️ **HOME-MADE** "electrified curtains" on casement windows solved the cold-weather problem of an Erie engineer who sewed heating wire, electric blanket type, in loops on the lower part of the curtains. To eliminate fire hazard, proper wattage and voltage were checked by him with scientific instruments.

Science News Letter, March 24, 1951



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