

• 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 582. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **GASOLINE TANK cap** for automobiles, designed to fit all models, requires no key, is siphon-proof, rust-proof and leak-proof. This gas guard, as it is called, fits into and locks in place when inserted in the tank and becomes permanent. Pressure of the gas pump nozzle opens it for filling.

Science News Letter, August 11, 1951

⚙️ **INSULATED SLEEVE**, to replace the conventional hot pack poultice long used by doctors, is made principally of fiber glass which will hold the heat of the body in the covered part, making a hot pack unnecessary. It functions by preventing cooling evaporation.

Science News Letter, August 11, 1951

⚙️ **CANNED MILK holder**, for use on the table, is a plastic pitcher of a size to just hold an unopened standard can of evaporated milk. When its cover is closed, a stainless steel inner extension on its spout cuts an outlet in the top of the can while another extension punches out an air vent.

Science News Letter, August 11, 1951

⚙️ **CLOTHING HOOKS**, with sharp gimlet points for easy screwing into walls and doors, have a non-skid coating of an enamel-like plastic which will keep garments from slipping off. The coating will not chip or rust, and is highly resistant to abrasion and wear.

Science News Letter, August 11, 1951

Do You Know?

Rice and other grains are now being dried experimentally with dielectric heating; this uses radio frequency energy which penetrates each grain and turns into heat.

Research men, using huge doses of normally deadly radioactivity, have succeeded in keeping milk in good condition for at least a month under ordinary refrigeration.

The most powerful atom smasher known to the world is a 450,000,000 electron volt synchrocyclotron recently dedicated at the University of Chicago.

The United States produces over one-half the petroleum of the world and consumes the major portion of its production.



⚙️ **DOGGY TOY** for the tiny tot is a plastic affair shown in the photograph. It has a head that moves up and down, ears that wiggle, a tail that wags and a waddle in its "walk" as it is pulled over the floor. Strongly built, it will withstand a lot of cuddling and hard usage.

Science News Letter, August 11, 1951

⚙️ **IRONING BOARD** on wheels has a swivel foot that adjusts to uneven floors, and can be set at nine different heights ranging from 27 to 36 inches by the touch of a finger. It is an all-steel, burn-proof ironing table whose wheels permit easy gliding to accommodate a sitting ironer.

Science News Letter, August 11, 1951

⚙️ **PLAYROOM LAYOUTS**, available free from the American Toy Institute, indicate to parents how their youngster's playroom can be used to the best advantage. They enable home carpenters to construct storage space for toys to fit their space requirements and leave maximum play area.

Science News Letter, August 11, 1951

⚙️ **WALLPAPER MACHINE**, recently patented, applies paste to the paper forwarded from a roll at one end and trims off the edge as the paper passes through. A cut-off blade is provided, also an adjustable blade for cutting the paper into strips for borders and fittings at door and window frames.

Science News Letter, August 11, 1951

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