

# • New Machines and Gadgets •

☛ **BARBECUE** apparatus made from a used, and preferably aged, wine cask has received a recent patent. The sawed off upper third becomes a hinged cover. Holes in the sides permit air to enter. A fire pot and rotary spit are added. The cooked meat is wine-flavored.

*Science News Letter, July 15, 1944*

☛ **SYNTHETIC** soybean lacquer, developed by the U. S. Department of Agriculture, gives promise of being better and cheaper than most coatings for paper, films and foils. It is a transparent thermoplastic, greaseproof, waterproof, and resists acid and alkali. Technically an ethylene diamide polyamide, it will be known as Norelac.

*Science News Letter, July 15, 1944*

☛ **RECTANGULAR** road sweeping magnets, 18 inches wide and from five to eight feet long, are now available in a new form to clear roadways of nails and other metals that puncture tires. Suspended from the rear of a truck, the sweeper is magnetized by an electric generator on the vehicle.

*Science News Letter, July 15, 1944*

☛ **MEASURING** tape of steel, with scale markings on both sides, has a metal tangential extension on the reel through which the tape passes and which forms a handy grip for the user. The outer end of the extension is at right angles to the main part, so that it can be set squarely in a corner.

*Science News Letter, July 15, 1944*



☛ **AIRPLANE** window closure for passenger planes after the war operates horizontally as shown in the illustration. With it a passenger can screen all or part of the window.

*Science News Letter, July 15, 1944*

☛ **COMB** for waving hair without finger manipulation, newly patented, has two sets of teeth on the same back, one set projecting to the back as in an ordinary comb, the other at a small angle. The teeth in both sets, in part at least, have wavy conformation. In use it is drawn through the hair and given a half rotation, then removed.

*Science News Letter, July 15, 1944*

☛ **A STILL** to convert salty sea water into safe drinking water, small enough to be carried in a coat pocket, utilizes the rays of the sun and can supply a pint of drinking water in eight hours. It is particularly suitable in the tropics as it works more rapidly when the sun is overhead.

*Science News Letter, July 15, 1944*

☛ **HIGH-HEAT** oven for industrial infra red applications has its 250 watt lamps at one focus of an interior ellipsoid and the object treated at the other. This centers all radiations by reflection on the object. By use of multiple units an extended oven for continuous treatment is obtained.

*Science News Letter, July 15, 1944*

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St. N. W., Washington 6, D. C., and ask for Gadget Bulletin 216.

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