

# •New Machines And Gadgets•

☛ **DRINKING GLASS**, recently patented, has an exterior coating of heat-insulating material that also strengthens the glass and makes it "sweat"-proof. The coating is a suitable flocking material blown onto the lower two-thirds of the glass and held by an adhesive.

*Science News Letter, April 13, 1946*

☛ **EMERGENCY TRUCKS** for police departments carry in protective compartments every conceivable device needed in rescue work. These include floodlights powered with special generators, two-way radio, inhalators, rifles, fire axes, jacks, nets, poles, ladders, 1,000 feet of wire and certain electrical equipment.

*Science News Letter, April 13, 1946*

☛ **CARD TABLE TOP**, recently patented, has holders for keeping the cards in an upright position in front of each player. The holder consists of four parallel slots in the table top into which the cards may be inserted. The slots vary in depth, with the deepest one to the front so that the rear cards can be seen over the others.

*Science News Letter, April 13, 1946*

☛ **BOAT SEAT UNIT**, to eliminate jars and jolts in high-speed motor boats in rough or choppy waters, has two double-action hydraulic shock absorbers, two variable-rate coil springs and a torsion bar. The shock absorbers control the action of the springs; the torsion bar helps hold the seat on a given plane.

*Science News Letter, April 13, 1946*



☛ **ANTI-FOAM** agent prevents oil in high-speed engines from bubbling and frothing due to air-mixture. The picture shows the effect when air is forced through treated and untreated oils. The agent, composition still secret, reduces surface tension on each individual bubble as formed, causing it to break quickly on reaching the surface.

*Science News Letter, April 13, 1946*

☛ **TANK TELESCOPE**, adaptable to many civilian uses, can keep a target in focus as it magnifies from four to eight times. It uses a glass-without-sand op-

tical system which renders a superior target image over a greater field-of-view, and true colors even at the extreme edges.

*Science News Letter, April 13, 1946*

☛ **ILLUMINATED COMPACT** has a small dry battery and bulb that light up the face of the user when applying powder or other cosmetics. When the hinged cover of the compact with its inside mirror is opened, a switch is revealed by which the light is turned on.

*Science News Letter, April 13, 1946*

☛ **ELECTRIC HEATING** pad has 30 heat controls that give the user a choice of 30 different temperatures. A handy light illuminates the temperature dial, and a newly developed rubberized casing permits the pad to be placed directly on a wet dressing.

*Science News Letter, April 13, 1946*

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 306.

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## Question Box

### AERONAUTICS

How will the maximum speed for the P-80 be determined? p. 235.

### AVIATION-MEDICINE

How can a ripcord be pulled automatically? p. 230.

### BACTERIOLOGY

How have germ-free animals been reared? p. 229.

### BOTANY

What will make Easter lilies bigger and better? p. 230.

### CHEMISTRY

What is 2,4-D? p. 229.

### CHEMISTRY-MEDICINE

What fact may be the key to the way in which streptomycin works? p. 229.

### ELECTRONICS

What is sonar? p. 231.

### ENGINEERING

How soon may smokeless coal furnaces be on the market? p. 238.

### GENERAL SCIENCE

What is necessary for the future progress of science? p. 236.

### MEDICINE

What medicine has been found effective against pernicious anemia? p. 233.

### METEOROLOGY

How does the Navy plan to study the weather at heights of from 100,000 to 500,000 feet? p. 232.

### PHYSICS-ENGINEERING

What will be the main future use of atomic power? p. 227.

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