

• New Machines and Gadgets •

☉ **CIRCULAR MAPS** of the two hemispheres mounted in a single frame may be rotated in unison by one thumbscrew so that points at equal distances north or south of the equator may be brought quickly into true relationships for study. Its use eliminates the distortions on ordinary flat maps.

Science News Letter, October 28, 1944

☉ **LEASH HARNESS** for Army or other dogs has a belt to pass around the soldier's or attendant's waist or over his shoulder. On it are one or more latches which open automatically to release the dog if the soldier or attendant falls to the ground.

Science News Letter, October 28, 1944

☉ **NON-CRACKING** motion picture screens, for temporary use inside or out of doors, are made of a durable and flexible light fabric. They can be folded or rolled into a small bundle without causing creasing or peeling. They are washable, resistant to fungus, and uninjured in all weathers by grease, oil or light.

Science News Letter, October 28, 1944

☉ **WRIST-ATTACHED** purse is held in place with two straps between which is a movable cross-piece to hold a wrist watch. The purse has a flat back with end extensions to which the straps are fastened.

Science News Letter, October 28, 1944

☉ **"TAILWIND"** is a new magnetic instrument which enables a bomber pilot



to determine, and so regulate, the power output of his engines accurately. It measures the minute twist in the shafts between engines and propellers, and through this the amount of driving force delivered. The picture shows a model, sensitive enough to measure the twist of a steel rod distorted by the hands.

Science News Letter, October 28, 1944

☉ **COLLAPSIBLE** combined desk, cabinet and table when closed occupies a desk-width space little wider than that required for a set of drawers. A side panel opens up to form a table held with two hinged legs; the top opens on hinges on the opposite side revealing compart-

ments for writing materials.

Science News Letter, October 28, 1944

☉ **LIGHTWEIGHT** lifeboats, economical and easy to build in large numbers and requiring little metal, are constructed of plywood. Keel and frame are made of solid wood. The plywood shell is held by metal stem and stern posts.

Science News Letter, October 28, 1944

☉ **ICE CREEPERS** for shoe heels may be shifted quickly from under the heel to an inactive vertical position under the instep in front of the heel. The metal plate with its non-skid spurs is held firmly in position with a wide elastic band which can be stretched enough to permit the shifting.

Science News Letter, October 28, 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 281.

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To Readers:

Due to a work stoppage by printers, this issue is produced by offset, accounting for the differences you notice.