Mar. 13, 1923. 1,448,271

W. P. GRAVES

PORCH SWING HANGER

Filed Jan. 12, 1922

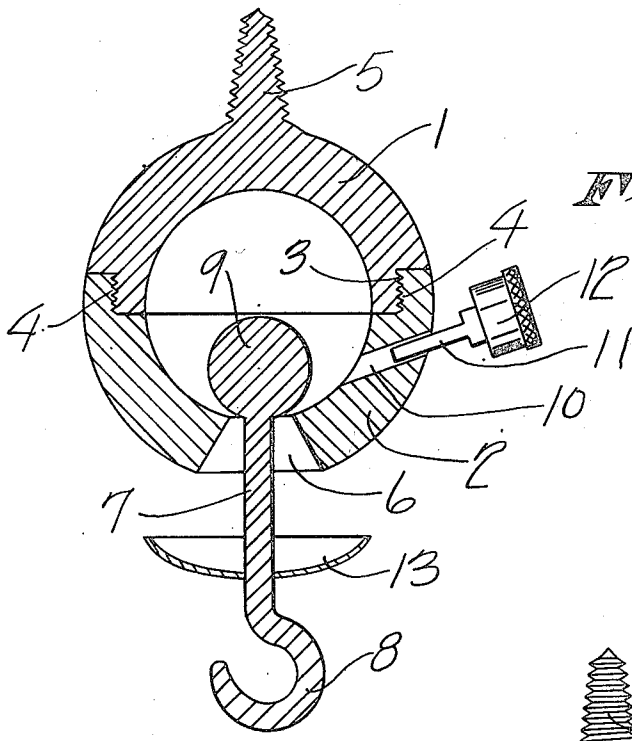


Fig. 1.

Fig. 2.

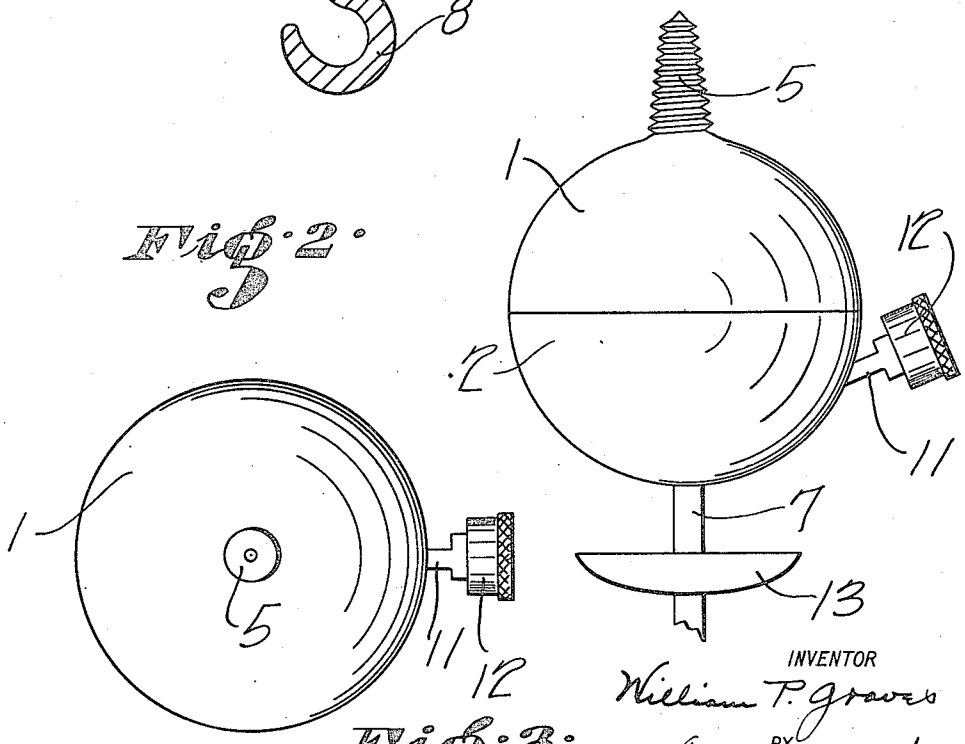


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM P. GRAVES, OF SOUTH PITTSBURG, TENNESSEE.

PORCH-SWING HANGER.

Application filed January 12, 1922. Serial No. 528,725.

To all whom it may concern:

Be it known that I, WILLIAM P. GRAVES, a citizen of the United States, residing in the city of South Pittsburg and State of Tennessee, have invented new and useful Improvements in Porch-Swing Hangers, of which the following is a specification, reference being had to the accompanying drawings.

This invention is a porch swing hanger, and the main object is to provide a simple and practical device of the kind, one eliminating the usual squeak attendant upon most swing hangers, and having means provided for ready greasing. Another object is to provide a hanger which may be easily put up or taken down.

Figure 1 is a vertical section through one of the hangers.

Figure 2 is an elevation of the device.

Figure 3 is a plan view.

The invention consists of a hollow, sectional, spherical case 1—2 separable on a horizontal central line as shown, and securable together by threading and counter threading the sections 1 and 2 at 3 and 4, as shown. An integral screw 5 extends upwardly as means for fastening the hanger into the porch ceiling. The lower section 2 has a flaring opening 6 through its under side, and the shank 7 of the swing hook 8 is loosely passed through this opening; and the ball 9 firmly joined to, or integrally formed at, the end of the shank 7, and resting within the case 1—2, supports the hook and pendant swing in a position permitting the easy movement of the swing in any direction. The wall of the section 2 is pierced with a duct 10 to permit the insertion of the tube 11 of an ordinary grease cup 12, for lubricating the device. A drip pan or disk 13 is mounted on the shank 7 below the ball 9, to catch any dripping grease.

The operation and use of the device is obvious.

While I have herein described a certain specific method of constructing and assembling the elements of my invention, it is understood that same may be varied in minor details, not departing from the spirit of my invention as defined in the appended claim.

I claim:

In a porch swing hanger, the combination of a hollow, sectional spherical case, the upper section having means for attaching to the porch ceiling and the lower section having a flaring opening; a swing hook having its shank projected up through said opening; a ball mounted on the end of the shank, inside the case; and means for lubricating the device; and a drip disk mounted on the shank to catch dripping grease.

WILLIAM P. GRAVES.

Witnesses:
ALAN S. KELLY,
A. R. WILLIAMS.