No. 849,618. PATENTED APR. 9, 1907.

A. R. HURLBURT.

DECK PLATE.

APPLICATION FILED JUNE 14, 1906.

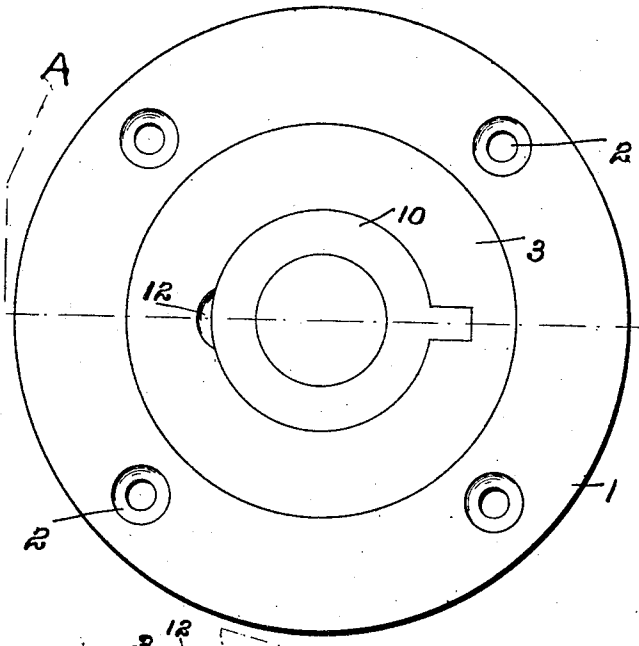


Fig. 1.

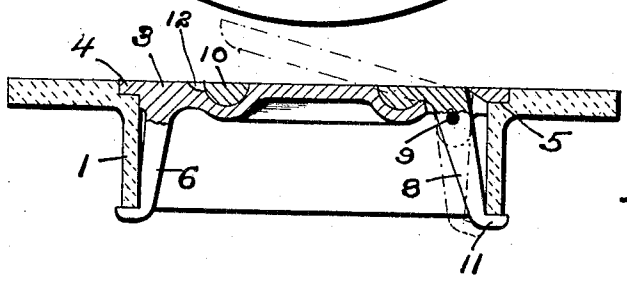


Fig. 2.

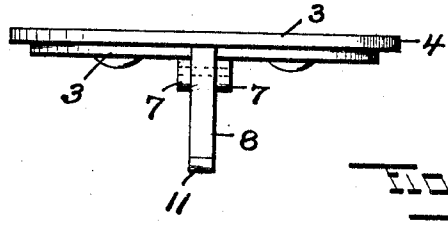


Fig. 3.

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DECK-PLATE.

No. 849,618. Specification of Letters Patent. Patented April 9, 1907.

Application filed June 14, 1906. Serial No. 321,665.

To all whom it may concern:

Be it known that I, ALBERT R. HURLBURT, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Deck-Plates, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to new and useful improvements in deck-plates, and has for its object, among other things, to construct a deck-plate having a non-threadable cover and means for securely and conveniently attaching and detaching said cover.

To these and other ends my invention consists in the deck-plate having certain details of construction and combinations of parts, as will be hereinafter described, and more particularly pointed out in the claims.

Referring to the drawings, in which like numerals of reference designate like parts in the several figures, Figure 1 is a plan view of my improved deck-plate complete. Fig. 2 is a sectional elevation thereof upon line A B of Fig. 1, and Fig. 3 is an elevation of the cover member.

In the practice of my invention I provide a flanged body member 1, having suitable screw-holes 2 therethrough, a cover member 3, with an overhanging flange 4, which rests upon the lip 5 on said body member, and an integral downwardly-projecting hook 6.

Pivotally connected by the pin 9 with the ears 7 on said cover member is a latch member 8. This latch member is preferably constructed in a single piece, terminating at one end in a hook 11 and at the other end in a circular thumb-ring 10, which lies normally within a recess in the top of the cover member 3, so that the top surfaces of said cover and ring members are flush with each other.

A notch 12 is made in the cover member for convenience in lifting the ring 10 out of said cover member.

The latch member is constructed so that the weight of the hook end 11 is less than the thumb-ring end 10. Consequently gravity will hold the hook 11 in engagement with the cover member as soon as said cover member is placed in its proper relative position on said body member.

The cover member is detached by lifting the thumb-ring out of its recess, which thereby disengages the hook 11 from the body member, and by drawing the cover out of said body member. The cover is attached by reversing these operations, and when so attached and closed the top surfaces of all of the parts are flush with each other, as shown in Fig. 2, so that no parts project above the deck.

There are minor changes and alterations that can be made within my invention, and I would therefore have is understood that I do not limit myself to the exact construction herein shown and described, but claim all that falls fairly within the spirit and scope of my invention.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a deck-plate, the combination with a body member; of a cover member; and a latch member pivotally connected with said cover member so as to provide means for separably securing said body and cover members together when in one position and providing lifting means for said cover when in its other position, the lifting means being above the surface of said cover member when the said latch member is disengaged from said body member.

2. In a deck-plate, the combination with a body member; of a cover member having a recess in its upper surface and an aperture therethrough adjacent to said recess; and a swinging member pivotally connected with said cover member one end thereof lying within said recess with its upper surface flush with the top of said cover.

3. In a deck-plate, the combination with a body member; of a cover member having a hook thereon; and a latch member pivotally secured thereto with the upper end of said latch member forming a thumb-piece to lift said cover when said latch member is disengaged from said body member.

4. In a deck-plate, the combination with a body member; of a cover member; a latch member, terminating at one end in a hook upon one side of said cover member and at the other end in a lifting means upon the opposite side of said cover member, pivotally connected with said cover member so that the hook end of said latch member will be held in engagement with the cover member by the weight of the lifting end of said latch member.

5. In a deck-plate, the combination with a body member; of a cover member; and a latch member exposed upon both sides of said cover member and pivotally connected there-

with, said latch member having a hook end upon one side of said cover member that is held in engagement with said body member by the weight of the end of said latch member that is upon the opposite side of said cover member.

6. In a deck-plate, the combination with the body member; of a cover member; and a pivoted, gravity-actuated latch member for separably securing said cover member to said body member, said latch member having a heavier portion at one side of the pivot than at the other, that heavier portion of said latch member being exposed above the top of said cover member.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT R. HURLBURT.

Witnesses:
GEORGE B. HURLBURT,
GEORGE B. HOUSTON.