

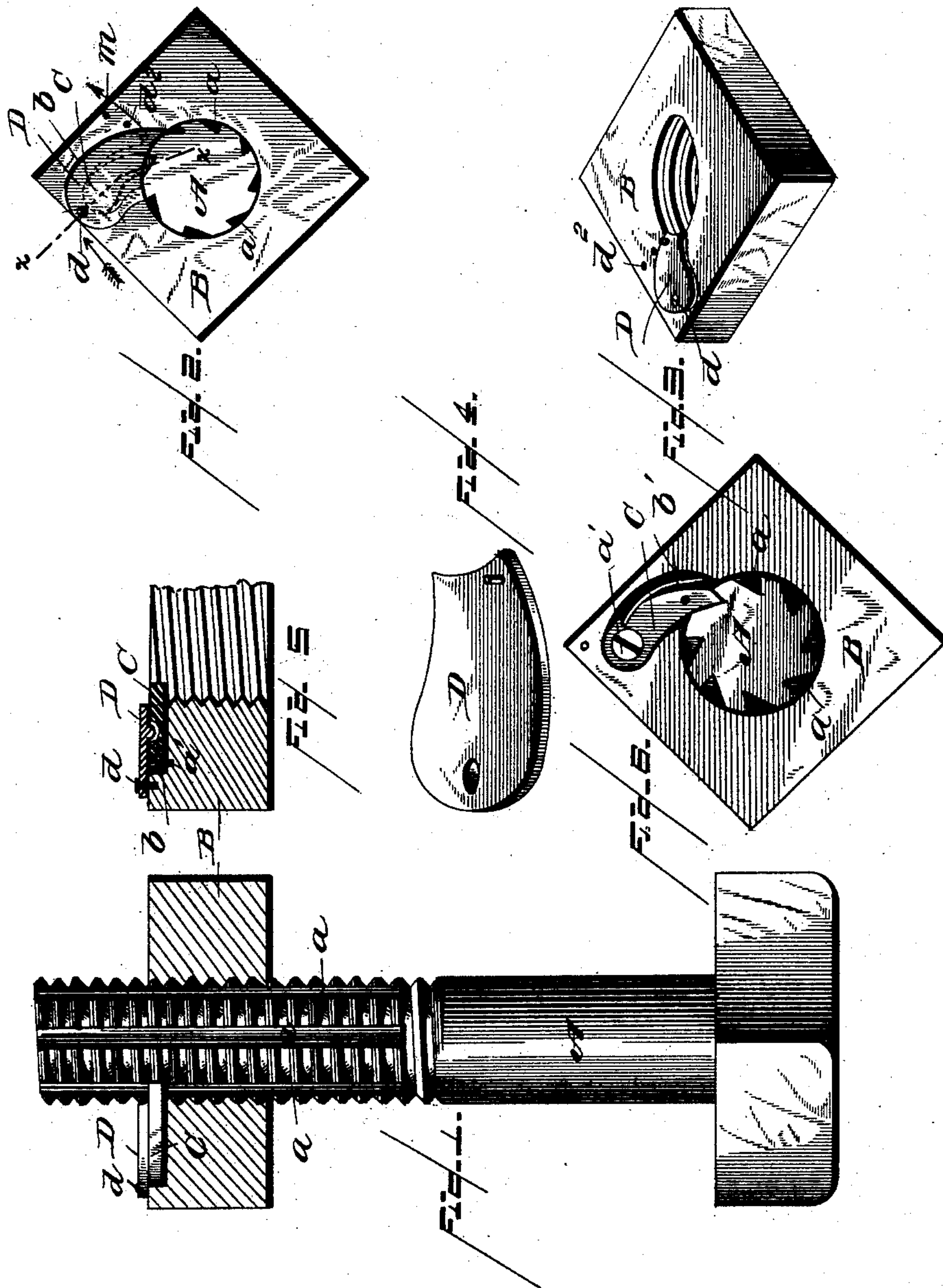
(No Model.)

J. M. STAPLES.

NUT LOCK.

No. 363,430.

Patented May 24, 1887.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN M. STAPLES, OF ROSE MILLS, VIRGINIA.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 363,430, dated May 24, 1887.

Application filed November 4, 1886. Serial No. 217,948. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. STAPLES, a citizen of the United States, residing at Rose Mills, in the county of Amherst and State of Virginia, have invented certain new and useful Improvements in Nut-Locks, of which the following is a specification, reference being had therein to the accompanying drawings.

My present invention relates to that class of nut-locks wherein a pawl is pivoted to the nut to prevent the nut from turning.

The object of my invention is to provide means which shall exclude snow, dirt, and other foreign matter from the recess in which the pawl is placed in order to prevent the same from becoming clogged, &c.; and to these ends the invention consists in the construction, combination, and arrangement of the several parts, substantially as hereinafter more fully set forth, and specifically pointed out in the claim.

In the accompanying drawings, which form a part of this specification, Figure 1 is a side elevation, partly in section, of a nut-lock having my improvement applied thereto. Fig. 2 is an end view thereof, looking toward the nut. Fig. 3 is a perspective of the nut detached from the bolt. Fig. 4 is a perspective view of the cap or cover. Fig. 5 is a detached section taken through the nut, pawl, and its cover, the bolt having been removed from the nut; and Fig. 6 is an end elevation with the cap-plate removed to more clearly show the nut-locking mechanism.

In the drawings, A represents a bolt having a screw-threaded portion, through which are longitudinal grooves or channels *a*.

B designates the nut having the central screw-threaded aperture for the reception of the bolt A, having a recess, *b*, formed in its outer face for the reception of a locking-pawl.

C designates a pawl which rests within the recess *b* and is pivoted to the nut *a* at *a'*, the inner end of the pawl being pressed inwardly in the path of the bolt by the constant force of a spring, *b'*.

D designates a cover or plate for the recess containing the locking mechanism, the edges of the cover extending beyond the edges of the recess in order to prevent dirt and other foreign matter from entering said recess. This cover is pivoted at *d*, which permits it to be swung in the direction indicated by the arrow *m m* in Fig. 2. This cover is provided on its under side with a lug or nib, which engages with indentation or socket *d'* in the outer face of the pawl when it is desired to retain the cover over the locking mechanism, or with one of a series of indentations, *d''*, in the outer face of the nut when it is desired to secure the plate in a position which will expose a portion of the locking mechanism.

I reserve the right to make such changes in details of construction as fairly fall within the scope of my invention.

Having described my invention, what I claim is—

In a nut-lock, the combination, with a bolt, of a nut having a spring-actuated pawl countersunk therein, and a pivoted cap or cover having a leg or nib adapted to engage with indentations in the pawl and nut for holding the cover in an open or closed position, as desired, substantially as described.

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

JNO. M. STAPLES.

Witnesses:

HENRY LORING, Jr.,
M. V. PROFFITT.