

No. 845,781.

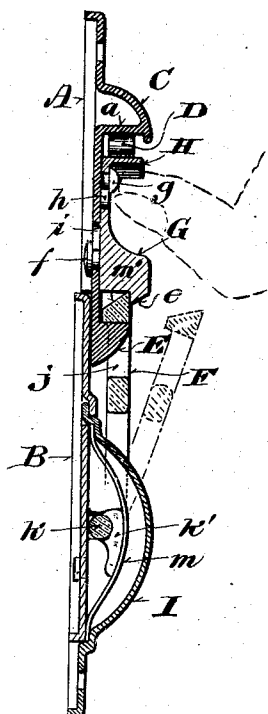
PATENTED MAR. 5, 1907.

E. W. HAWLEY.
FASTENER FOR TRUNKS OR THE LIKE.

FASTENER FOR TRUNKS OR THE LIKE.

APPLICATION FILED FEB. 10, 1906.

Fig. 1.



→ $\frac{7}{2}$ Fig. 2.

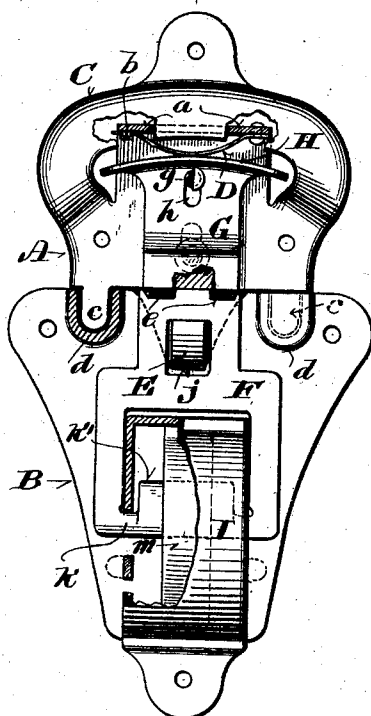
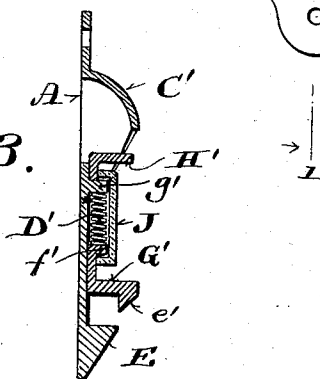


Fig. 3.



Wm. Messer
George Felber.
Fred. Palm

Inventor:
Eugene W. Hawley.
By Olyphant & Young.
Chgo. Wm. Rogers.

UNITED STATES PATENT OFFICE.

EUGENE W. HAWLEY, OF MILWAUKEE, WISCONSIN.

FASTENER FOR TRUNKS OR THE LIKE.

No. 845,781.

Specification of Letters Patent.

Patented March 5, 1907.

Application filed February 10, 1906. Serial No. 300,427.

To all whom it may concern:

Be it known that I, EUGENE W. HAWLEY, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Fasteners for Trunks or the Like; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in certain peculiarities of construction and combination of parts, as fully set forth hereinafter with reference to the accompanying drawings and subsequently claimed, said invention being especially designed for trunks and having for its object to provide a spring-fastener the bolt-section of which when grasped for the purpose of raising the trunk-lid will automatically release the hasp therefrom.

In the drawings, Figure 1 represents a vertical sectional view of a trunk-fastener embodying the features of my invention, the section being indicated by line 1 1 of Fig. 2; Fig. 2, a face view of the same with parts broken away and in section to better illustrate the various details; and Fig. 3 illustrates a sectional view of one member of the fastener, wherein the bolt portion thereof is held down by a spiral spring in place of a leaf-spring, as shown in Fig. 1.

Referring by letter to the drawings, A indicates a bolt member, and B a hasp member, of my improved spring-fastener, said members being particularly designed for respective attachment to the lid and body of a trunk. The bolt member is formed with an upper curved overhanging hand-grip C, to the bottom wall *a* of which, as shown in Fig. 1, is secured a leaf-spring D, the free end thereof being slotted for the reception of a guide-pin *b*, projecting from said wall. The lower edge of said bolt member is provided with tongues *c c*, which are adapted to enter pockets *d d* in the upper edge of the hasp member B, there being a central barbed-headed lug E depending from the aforesaid bolt member for engagement with a hasp F, which is in pivotal connection with said hasp member. The hasp F is held in its locked position over the lug E by a bolt G, which has a lip *e* for engagement with the upper edge of said hasp and is in sliding connection with the bolt member, being confined thereto by headed studs *f g*, respectively connected to the bolt and bolt member. The stud *g* extends through a slot *h* in the bolt, while

the stud *f* of said bolt is adapted to slide in a slot *i* of the bolt member. The bolt G terminates with a gripping-rib H, directly under the hand-grip C of the bolt member, the gripping-rib being slightly below the line of the hand-grip, which hand-grip serves as a guard to protect the rib H from being accidentally raised if struck when the trunk is handled. The said bolt G is held in its locked position by the leaf-spring D, which is under compression between the rib H and wall *a* of the bolt member. The hasp F is provided with an opening *j* for engagement with the lug E, the shank *k* of said hasp being pivotally confined between the face of the hasp member and a housing I, secured thereto, and said shank is provided with a shoe *k'*, engaged by a bow-spring *m*, also confined between the said hasp member and housing, this spring serving by contraction to throw the aforesaid hasp out of engagement with the lug E when it is released by raising the bolt.

In opening the trunk the operator grasps the hand-grip C in the usual manner, the location of the gripping-rib of the bolt G being such that it is also gripped, and when a pull is exerted its initial result will be to lift the bolt and release the hasp which unlocks the fastener and thereafter the trunk-lid may be raised, the operation to unlock said fastener being simultaneous with the lifting of said lid.

When the fastener is to be locked, the hasp is in the position indicated by dotted lines in Fig. 1 and all that is necessary to complete the operation thereafter is to press said hasp inward, which movement, by reason of the inclined face *m'* of the aforesaid hasp, causes the locking-bolt to lift and snap over the hasp to hold the several parts firmly together.

In the form of bolt member illustrated in Fig. 3 the bolt G' is confined thereto by a cap J, there being a post *g'* extending from said bolt member and a corresponding lug *f'* extending from the bolt G', between which post and lug is interposed a spiral spring D' of any desirable tension for the purpose of holding said bolt in its locked position.

While I have shown and described but two forms of carrying out my invention, it is understood that the details of construction may be varied in the application of my device without departure from the scope of my invention.

I claim—

1. A fastener comprising bolt and hasp members, a lug on the bolt member, a spring-controlled hasp in pivotal connection with
5 the hasp member adapted to engage the lug, a spring-controlled bolt carried by the bolt member for engagement with the hasp, whereby said hasp is locked between said lug and bolt, and a gripping-rib extending from
10 the spring-controlled bolt.
2. A fastener comprising bolt and hasp members, a hand-grip projecting from the upper portion of the bolt member, a lug projecting from the lower portion of said member,
15 a spring-controlled sliding bolt carried by said bolt member between the hand-grip and lug thereof, a gripping-rib projecting from the sliding bolt adjacent to said hand-grip, and a spring-controlled hasp carried by
20 the hasp member for locking engagement between the bolt and lug of the aforesaid bolt member.
3. A fastener comprising bolt and hasp members, a hand-grip projecting from the
25 upper portion of the bolt member and a lug

projecting from the lower portion thereof, a sliding spring-controlled bolt carried by said bolt member, a gripping-rib extending from the top of the bolt, and a spring-controlled
30 hasp in connection with the hasp member for engagement with the lug of the bolt member and lip of said bolt.

4. A fastener comprising a member having a hasp-keeper and a sliding spring-controlled bolt provided with a gripping device, and
35 another member having a spring-controlled swing-hasp normally held by the bolt, in engagement with the keeper member, retraction of said bolt by its gripping device being
40 the initial result of an operation tending to move the bolt member away from the hasp member of the fastener.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin,
45 in the presence of two witnesses.

EUGENE W. HAWLEY.

Witnesses:

N. E. OLIPHANT,
GEORGE FELBER.