

(No Model.)

R. T. SHELLEY.
TRUNK LOCK.

No. 576,745.

Patented Feb. 9, 1897.

Fig. 1.

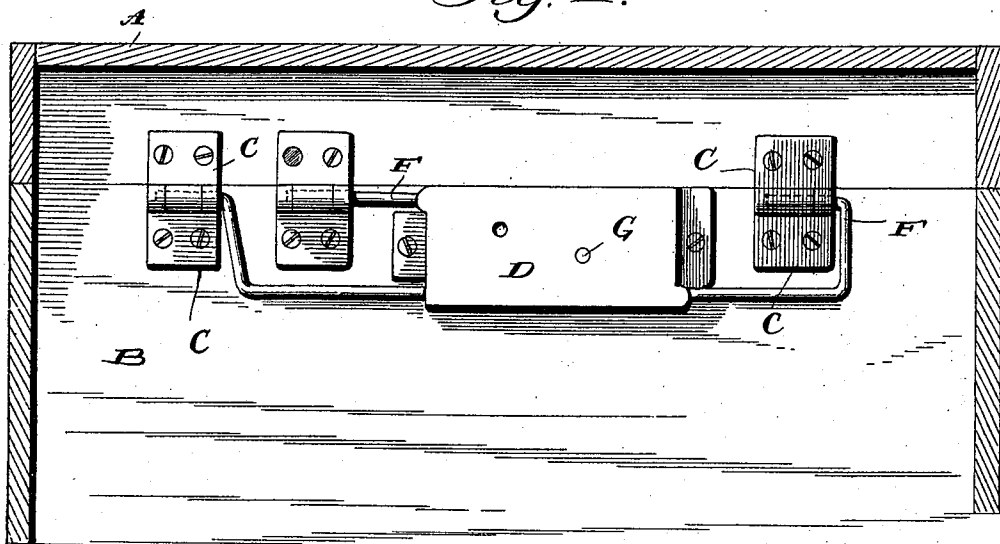


Fig. 2.

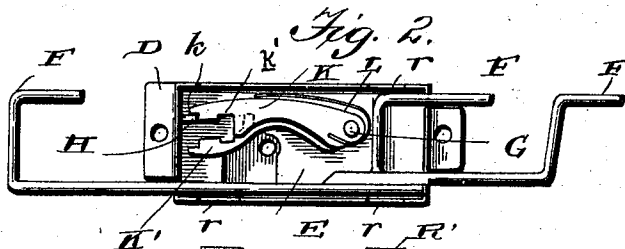


Fig. 3.

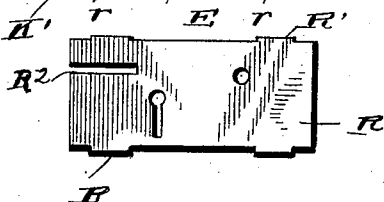
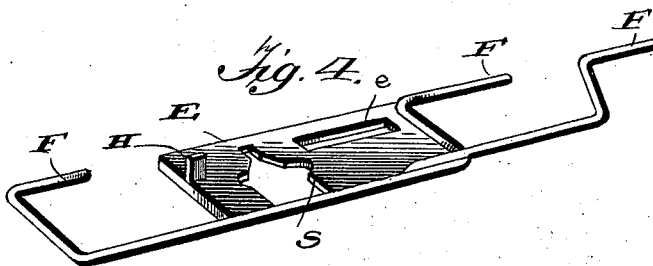


Fig. 4.



Witnesses:
L. C. Hills.
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Att'y.

UNITED STATES PATENT OFFICE.

RUSSELL T. SHELLEY, OF NEW HAVEN, CONNECTICUT.

TRUNK-LOCK.

SPECIFICATION forming part of Letters Patent No. 576,745, dated February 9, 1897.

Application filed June 12, 1896. Serial No. 595,325. (No model.)

To all whom it may concern:

Be it known that I, RUSSELL T. SHELLEY, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Trunk-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in trunk-locks, and it relates more particularly to certain improvements in the construction of the trunk-lock described in the patent granted to me upon the 24th day of March, 1896, and numbered 556,906.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of the parts, as will be hereinafter more fully described and then specifically defined in the appended claim.

I clearly illustrate my invention in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings similar letters of reference indicate like parts throughout the several views, in which—

Figure 1 is a side elevation of the lock as applied to the inside of a trunk or chest. Fig. 2 is a side elevation of the lock with one of the side plates removed, showing the arrangement of the interior of the casing and the tumblers carried therein. Fig. 3 is a detail view of the plate removed from the side of the casing carrying the lock. Fig. 4 is a perspective view of the sliding plate carrying the bolts.

Reference now being had to the details of the drawings by letter, A designates the cover to the box, B the box itself or the trunk, and C C are plates secured to the meeting edges of the cover and body of the trunk and have registering eyes, as seen in Fig. 1 of the drawings.

D is a casing which is designed to carry the sliding plate E, through the ends of which casing the ends of the bolts F are designed

to pass, and the ends of said bolts are all bent so as to be in alinement and in the same direction, so that they will register with the apertures in the eyes of the hinges to effect a locking of the device.

G is a round post carried by the casing, on which the plate E is guided in the elongated aperture *e* in the said plate, and H is a square lug mounted on the plate E. Mounted on the said round post G are the tumblers K and K', which are provided with springs L, designed to hold the tumblers in a locked or unlocked relation by causing the notches *k* in the ends of the tumblers to rest on the said square lug when the device is unlocked and the notch *k'* to rest over said lug when the bolts are thrown forward, as in a locked relation. The plate R, having lugs R', is held to the side of the cover on its inside by the said lugs R' being seated in the recesses *r* in the casing, and the elongated slot R² is provided to allow the square lug to work back and forward therein.

The key, to unlock the lock, is inserted through the keyhole and the arms of the key manipulated so as to cause the tumblers to be raised, while a portion of the arm of the key bears against the side of the large aperture S, which will cause the plate E to slide longitudinally, and which plate carries and causes the bolts to be locked or unlocked.

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

In a trunk-lock, the combination of the sliding plate carrying the bolts, the ends of which are bent in the same direction, and in alinement, of the tumblers mounted on a post carried by a casing, a square lug on the said plate carrying the bolts, designed to engage in notches in the said tumblers to hold the same in a locked or unlocked relation, of the springs L, and the plate R, having lugs R' for holding the same to the casing, all substantially as shown and described.

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

RUSSELL T. SHELLEY.

Witnesses:

LIVINGSTON W. CLEAVELAND,
ALBERT F. WELLES.