No. 810,147. PATENTED JAN. 16, 1906.

J. A. HORNE.

TRUNK LOCK.

APPLICATION FILED FEB. 28, 1905.

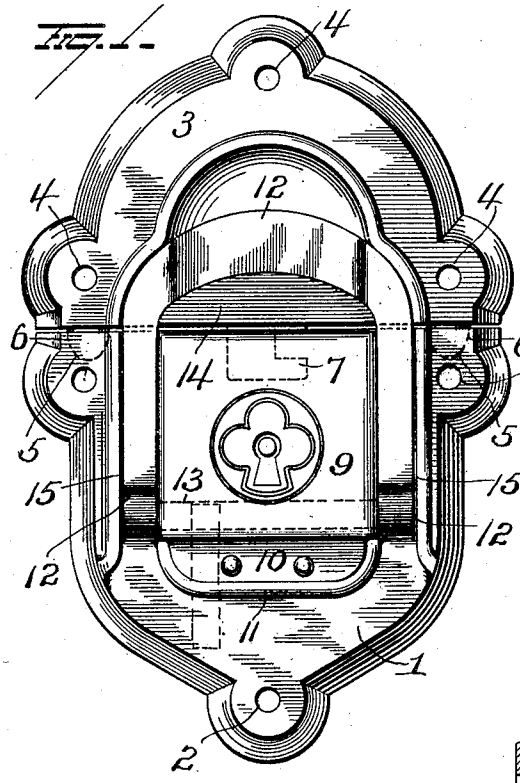

Fig. 1.

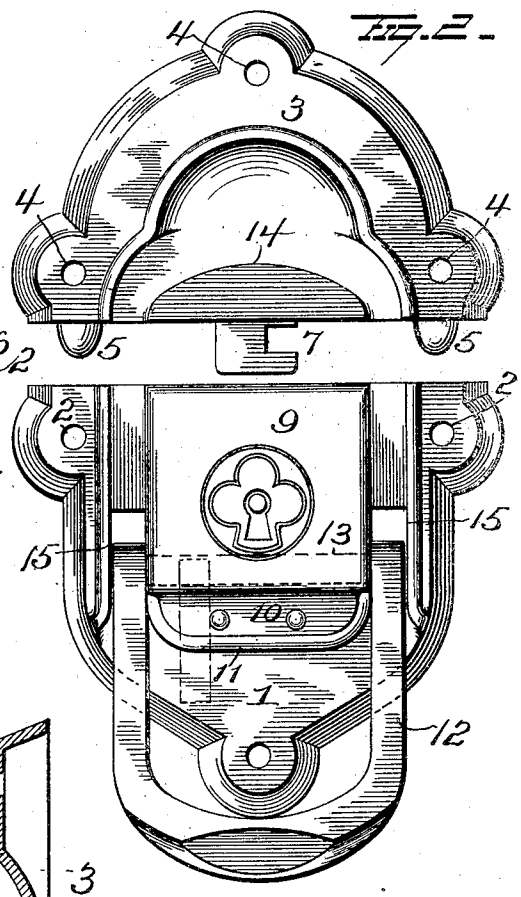

Fig. 2.

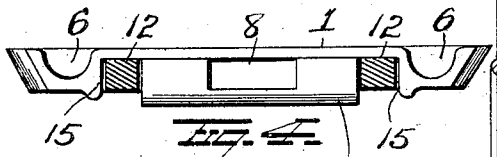

Fig. 4.

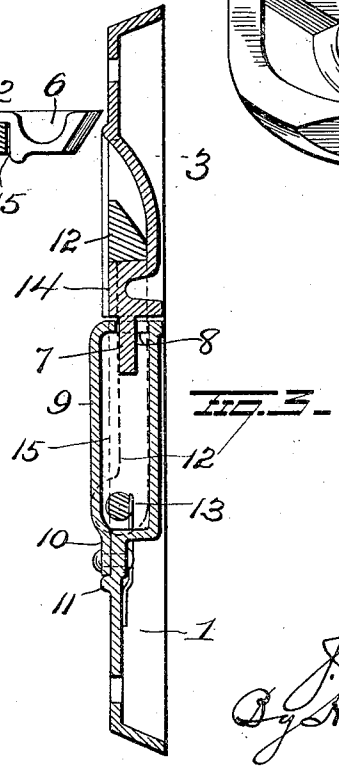

Fig. 3.

WITNESSES

E. Nottingham

G. F. Downing

INVENTOR

J. A. Horne

By H. A. Seymour

Attorney

UNITED STATES PATENT OFFICE.

JOSEPH A. HORNE, OF STAMFORD, CONNECTICUT, ASSIGNOR TO THE YALE & TOWNE MANUFACTURING COMPANY, OF STAMFORD, CONNECTICUT.

TRUNK-LOCK.

No. 810,147. Specification of Letters Patent. Patented Jan. 16, 1906.

Application filed February 28, 1905. Serial No 247,733.

To all whom it may concern:

Be it known that I, JOSEPH A. HORNE, of Stamford, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Trunk-Locks; and I do hereby 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.

My invention relates to an improvement in trunk-locks, the object being to provide a combined lock and hasp, the hasp and the lock being so arranged and combined that the hasp protects the lock from all strains in handling.

A further object is to so house the hasp that all lateral strains thereon are borne by the body of the hasp instead of by its pintles.

With these ends in view my invention consists in the parts and combinations of parts, as will be more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in front elevation of my improved lock. Fig. 2 is a similar view showing the two sections of the lock separated. Fig. 3 is a view in longitudinal section through Fig. 1; and Fig. 4 is a view in plan of the socket member of the lock, showing the hasp in section.

1 represents the socket member of the lock provided with rivet or bolt holes 2 for its attachment to the body if a trunk, box, or other receptacle to which the lock is to be applied, and 3 is the dowel member, also provided with rivet or bolt holes 4 for its attachment to the cover of the trunk or other article, the two members being so located with relation to the meeting edge of the cover and body of the trunk and to each other that when the cover is closed the dowels 5 on member 3 will enter sockets 6 on member 1 and the slotted dowel or bolt 7 on member 3 will enter the opening 8 in lock-casing 9.

The front face of socket member 1 is recessed centrally or provided with a depressed seat at its upper edge to receive the lock-casing 9. This casing is secured at its side edges to member 1 by riveting in the usual manner and is provided at its lower edge with a depressed flange 10, which rests in a seat formed by a rib 11, integral with member 1, the said rib being curved to conform to the contour of the flange 10, so as to support and brace the latter. The flange is secured by rivets to the member 1.

The lock carried by the casing 9 may be of any preferred construction provided with a locking bolt or member actuated by a key to engage the slotted dowel 7, and thus lock the two members together.

Pivotally mounted on member 1 is the hasp 12. This hasp has a cross-bar 13, which passes through the sides of the lock-casing 9 and is engaged by a spring in the usual manner for normally holding the hasp in its closed position. The hasp 12 is therefore secured in position by the lock-case, and its side members rest within the recess or housing formed by the lock-case and the side walls 15 of the recess in which the lock-case is seated. This housing shields and protects the hasp when the latter is in its closed position, and the side walls of the recess in member 1 prevent any lateral deflection of the hasp, and consequently take all the lateral strains to which the hasp is subjected, thus relieving the hasp-pintle or cross-bar and the lock-case carrying same from practically all lateral strains. The upper end of the hasp is curved or rounded, and when the hasp is closed this upper end rests within a recess in the dowel member 3 and over the keeper 14, formed integral with said member.

With a combined hasp and lock constructed as above described the lock is protected by the hasp from all the strains to which the lock is subjected in the handling of the trunk, and in addition a trunk provided with such a locking and fastening device can be manufactured more economically than a trunk provided with a lock and independent hasps.

It is evident that many slight changes might be made in the relative arrangement of parts shown and described without departing from the spirit and scope of my invention. Hence I would have it understood that I do not wish to limit myself to the exact construction herein shown and described; but,

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

1. In a combined hasp and lock, the combination with a member having a lock thereon, and side walls or bearings on opposite sides of the lock, and a hasp pivotally supported by the lock-case, and supported later-

ally by said side walls, of a member having a dowel to enter the lock and be engaged by the locking mechanism of the latter, and provided with a keeper to be engaged by the hasp.

2. In a combined hasp and lock, the combination with a member carrying a lock and hasp, and having walls forming lateral supports for the hasp when the latter is closed, of a second member having a dowel to enter the lock-casing and be engaged by the locking mechanism of the latter, and a keeper to be engaged by the hasp.

3. In a combined hasp and lock the combination with a member carrying a lock and a pivoted hasp, and provided with a recessed seat for the latter, of a second member having a dowel to enter the lock-casing and be engaged by the locking mechanism of the latter, and a keeper to be engaged by the hasp.

4. In a combined hasp and lock the combination with a member having a lock and a hasp, of a second member having a dowel to enter the lock and be engaged by the locking mechanism of the latter, side dowels entering seats in said first-mentioned member, and a keeper to be engaged by the hasp.

5. In a combined hasp and lock, the combination with a member having a lock thereon, and a hasp operating independently of the lock and pivotally supported by said member, of a second member having a dowel to enter the lock and be engaged by the locking mechanism of the latter, and provided with a keeper to be engaged by the hasp.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOSEPH A. HORNE.

Witnesses:

SCHUYLER MERRITT,

PATRICK KEEFFE.