

LOUIS HILLEBRAND & DANIEL WOLF.

Improvement in Trunk Lid Guides.

No. 120,067.

Patented Oct. 17, 1871

Fig. 1.

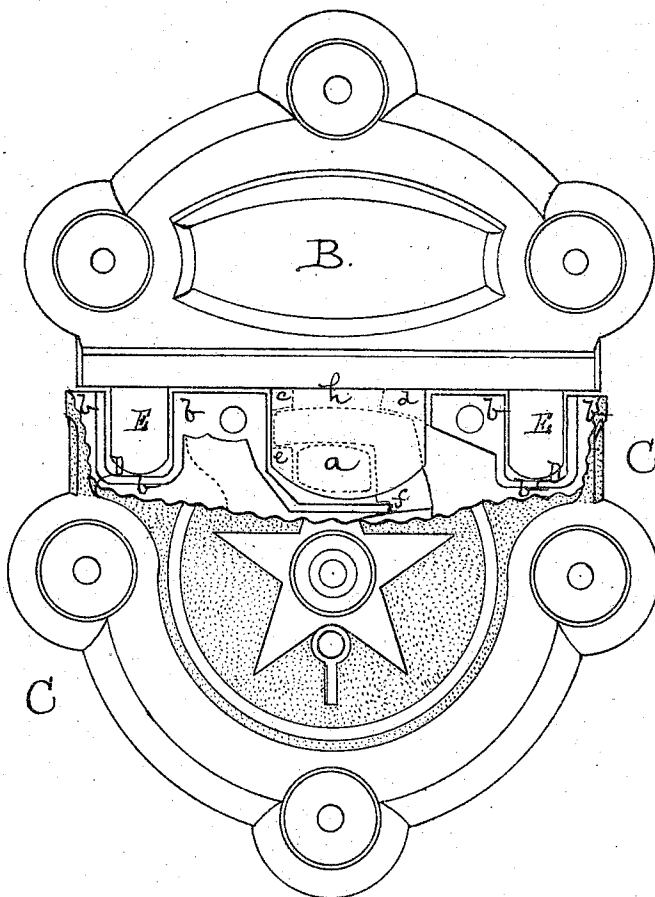
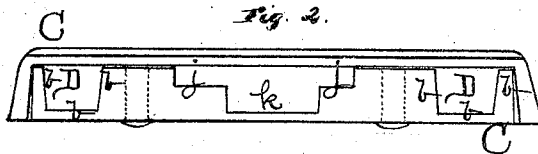


Fig. 2.



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UNITED STATES PATENT OFFICE.

LOUIS HILLEBRAND AND DANIEL WOLF, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TRUNK-LID GUIDES.

Specification forming part of Letters Patent No. 120,067, dated October 17, 1871.

To all whom it may concern:

Be it known that we, LOUIS HILLEBRAND and DANIEL WOLF, of the city and county of Philadelphia, State of Pennsylvania, have invented new and useful Improvements in Trunk-Hasps and Locks; and we do hereby declare the following to be a full and exact description of the nature thereof, sufficient to enable others skilled in the art to which our invention appertains to fully understand and use the same, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a front view, partly broken away, of the device illustrating our invention. Fig. 2 is a view of the top of the casing.

Similar letters of reference indicate corresponding parts in the figures.

Our invention consists of a hingeless hasp, which is provided with a handle for the convenient raising of the lid of the trunk when the latter is to be opened. It also consists in sockets formed in the lock-casing for receiving the lugs on the hasp, whereby, when the trunk is locked, the lugs receive a portion of the side strain ordinarily on the lock-bolt, in order to relieve the latter and avoid the liability of injury thereto, in view of the harsh usage to which trunks are subjected.

Referring to the drawing, A represents a hingeless hasp, which is to be secured to the lid of the trunk, and is provided with a catch, *a*, for engagement with the lock-bolt. In the body of the hasp we form a handle, B, which may consist of an opening or cavity, and, if desired, may be flanged at the upper side. When the trunk is unlocked the fingers can readily take hold of the handle B, and thereby conveniently lift or raise the lid. C represents a lock-casing, within which are located the parts of the lock as usual. On the walls of the casing, at the upper side thereof,

we form, by means of the walls *b b b b*, one or more sockets D, which are closed by said walls on all sides except the top, and in the present case extend vertically. These sockets are designed to receive lugs E, which are formed with or attached to the hasp, so that when the trunk is locked said lugs are completely inclosed within the lock-casing C. They relieve the catch *a* of the hasp and the lock-bolt of much side strain and shocks and distribute the latter over the said lugs and sockets, which are better able to withstand them. Should the face or back plates of the casing be open at the points occupied by the lugs E, the hasp could be turned or twisted, and the hasp-catch would then receive the strain, and thereby be liable to fracture or breakage. This is avoided by the complete inclosure of the lugs, as stated. The sockets and lugs do not detract from the general appearance of the lock, since they are concealed; and while they occupy spaces not otherwise occupied, they strengthen the hasp and lock-casing, besides possessing the feature of relieving the hasp-catch and bolt, as has been stated.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A hingeless hasp, provided with a handle, B, substantially as and for the purpose described.
2. The sockets D within the lock-casing, in connection with the lugs E of the hasp, substantially as and for the purpose described.

The above signed by us this 12th day of July, 1871.

LOUIS HILLEBRAND.
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Witnesses:

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