(Model.)

J. S. TOPHAM.

TRAY BOLT FOR TRUNKS.

No. 295,464. Patented Mar. 18, 1884.

Fig. 1.

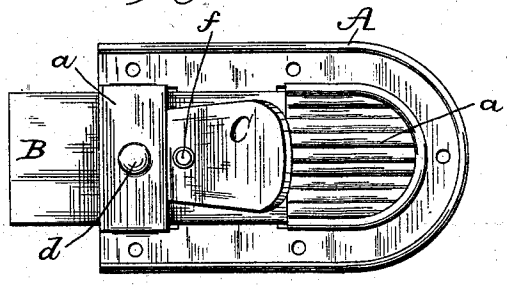


Fig. 2.

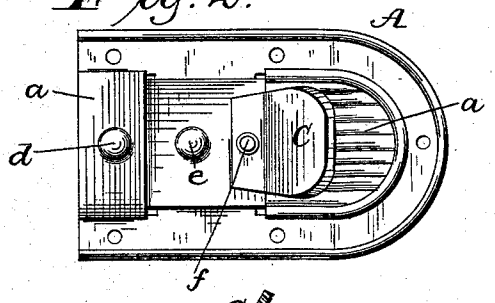


Fig. 3.

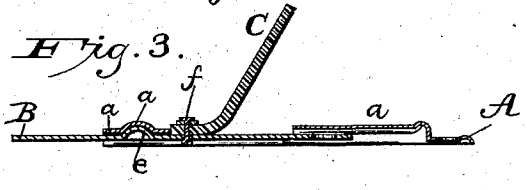
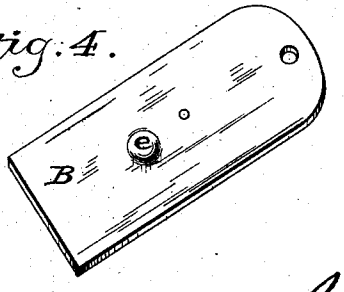


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES S. TOPHAM, OF WASHINGTON, DISTRICT OF COLUMBIA.

TRAY-BOLT FOR TRUNKS.

SPECIFICATION forming part of Letters Patent No. 295,464, dated March 18, 1884.

Application filed January 17, 1884. (Model.)

To all whom it may concern:

Be it known that I, JAMES S. TOPHAM, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Tray-Bolts for Trunks; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front or plan view with the bolt projected. Fig. 2 is a front view with the bolt retracted. Fig. 3 is a longitudinal section. Fig. 4 is a view of the bolt proper.

Similar letters of reference in the several figures denote the same parts.

My invention has for its object an improved bolt for trunks, that shall be extremely simple in its construction, of few parts, and will be so locked, when the bolt is projected, that the bolt cannot be jarred out of place or drawn back by the jolting of the trunk in traveling, and be cheaply manufactured.

In the drawings, A represents the body or main plate, constructed, preferably, of sheet metal, and having loops *a a* struck up from it, forming, with the part not struck up, a race for the bolt to slide back and forth in, and the usual perforations around its edge for nails or screws to fasten it to the tray or lid. On the front loop *a* is a raised projection, *d*, corresponding with the raised projection *e* on the bolt B.

B is the bolt proper, constructed of metal of a proper width and thickness to slide freely in the race formed by the loops *a a*. It also has a raised projection, *e*, corresponding with and fitting snugly into the raised projection *d* on the loop *a* when the bolt is projected the proper distance, thereby locking the bolt sufficiently to prevent its dropping back by the jarring of the trunk in traveling, and yet not so tight as to prevent the bolt being drawn back easily by the thumb-piece when desired.

C is a thumb-piece, riveted directly on the bolt B between the loops *a a* at such a distance from the front loop when the bolt is retracted that it will, by abutting against loop when the bolt is projected, prevent its being projected farther than is just sufficient to lock it.

I do not confine myself to the particular construction of the race-plate A herein described, as my improvement can be applied to other modifications of the race-plate or loops, a few of which may be seen in Figs. 5, 6, and 7 in patent numbered 243,009, granted to James S. Topham and Richard Topham, June 24, 1881; nor do I confine myself to putting the raised projection on the front loop of the race-plate or on the front end of the bolt, as the projections may be placed on the back or rear loop, and a corresponding one on the back end of the bolt, and operate the same.

This invention dispenses with all springs or anything that is liable to get out of order.

I claim as my invention—

1. The combination of the raised projections on the race plate or bed and on the bolt proper, working together to form a locking device, substantially as described.

2. The combination of the main plate or bed, the bolt proper, and the thumb-piece riveted directly to the bolt between the loops, all operating together to form a perfect bolt, substantially as described.

JAMES S. TOPHAM.

Witnesses:

E. L. WHITE,

CHAS. J. HEDRICK.