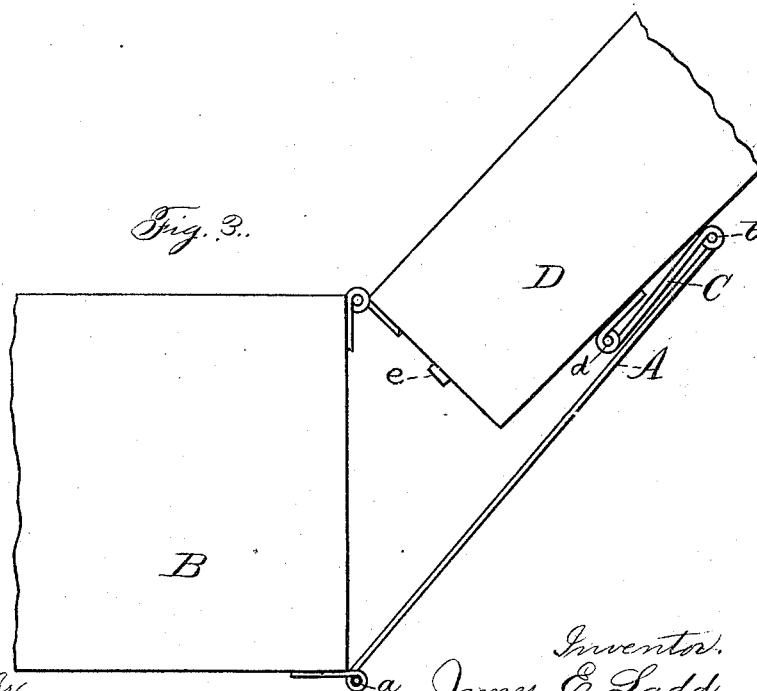
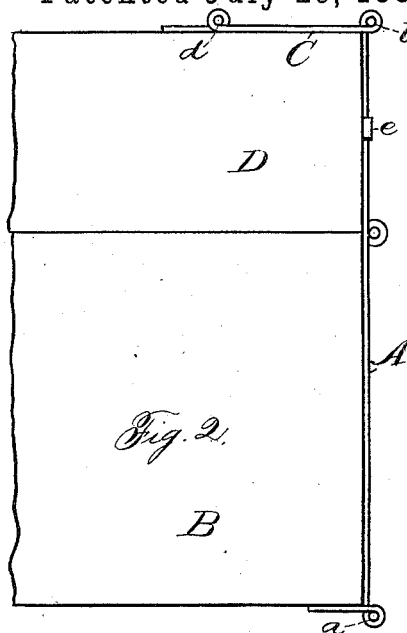
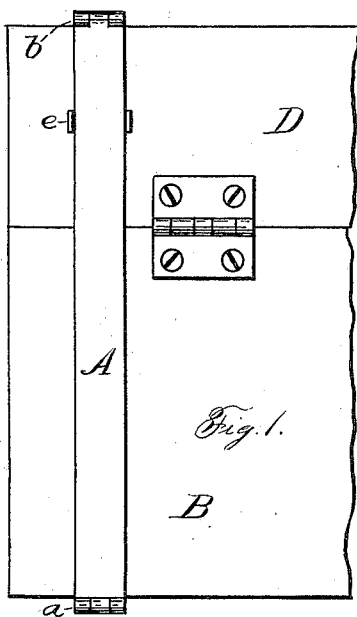


(No Model.)

J. E. LADD.
TRUNK STAY.

No. 302,744.

Patented July 29, 1884.



Witnesses.
John Edwards Esq.
Eddy H. Smith.

Inventor.
James E. Ladd.
By James Shepard.

Atty.

UNITED STATES PATENT OFFICE.

JAMES E. LADD, OF BRISTOL, CONNECTICUT.

TRUNK-STAY.

SPECIFICATION forming part of Letters Patent No. 302,744, dated July 29, 1884.

Application filed November 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES E. LADD, a citizen of the United States, residing at Bristol, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Trunk-Stays, of which the following is a specification.

My invention relates to improvements in trunk-stays of the class which go upon the back and outside of the trunk; and the object of my improvement is to simplify the construction thereof, so that it may be cheaply manufactured and is efficient in operation. I attain this object by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a rear elevation of a part of a trunk with my stay applied thereto. Fig. 2 is an end view of the same, and Fig. 3 is a like view represented with the trunk open.

A designates what I call a "tie-strap," which is connected at its lower end, by means of a hinge, *a*, to the body of the trunk B, at or near its lower corner. The upper end of said strap is hinged to the strap C by means of the hinge-joint *b*, and the opposite end of said strap C is secured, by means of the hinge *d*, to the upper surface of the trunk-cover D. The tie-strap A is of such length and is so applied to the trunk that when the trunk is closed, as shown in Figs. 1 and 2, both straps are drawn closely to the trunk and cover, and with the hinge *b* at the upper rear corner of the trunk, as shown. When the trunk is open, the hinged straps A C fold one upon the other and stay the cover from falling backward, as shown in Fig. 3. I also employ the engaging socket or saddle *e*, into and out of which the strap A is brought by the swinging motion of the cover.

When this strap is thus seated in the saddle *e*, the trunk-cover is prevented from moving endwise back and forth upon the trunk-body. It

will of course be understood that the straps A C are formed of metal or equivalent material to give them sufficient strength to stay the cover, as described. I have already obtained a patent which shows the combination of the engaging socket or saddle with a trunk-stay applied to the rear of the trunk and brought into and out of engagement with said socket by the action of the trunk-cover, and therefore I do not claim the same in this application.

I am also aware that a prior patent shows and describes a trunk-stay consisting of two folding straps hinged to each other and to the back side only of the trunk cover and body, whereby it was necessary to so attach the stay that the connected ends of the straps shall stand out from the rear of the trunk a little when the cover is closed, in order to insure the proper movement thereof when the cover is raised. This stay cannot therefore act as a tie to hold the cover and body of the trunk together, as does my stay, in which one of the straps is hinged to the top of the trunk-cover.

I claim as my invention—

The combination of a trunk cover and body with the tie-strap A, hinged to said trunk-body at or near the lower rear corner, said strap being of sufficient length to extend upward from said hinged point to the rear upper corner of the cover when the trunk is closed, and the strap C, with one end hinged to the upper end of the tie-strap A, and its opposite end hinged to the upper side of the trunk-cover, as at *d*, the whole combined and operating together, substantially as described, and for the purpose specified.

JAMES E. LADD.

Witnesses:

JAMES SHEPARD,
EDDY N. SMITH.