

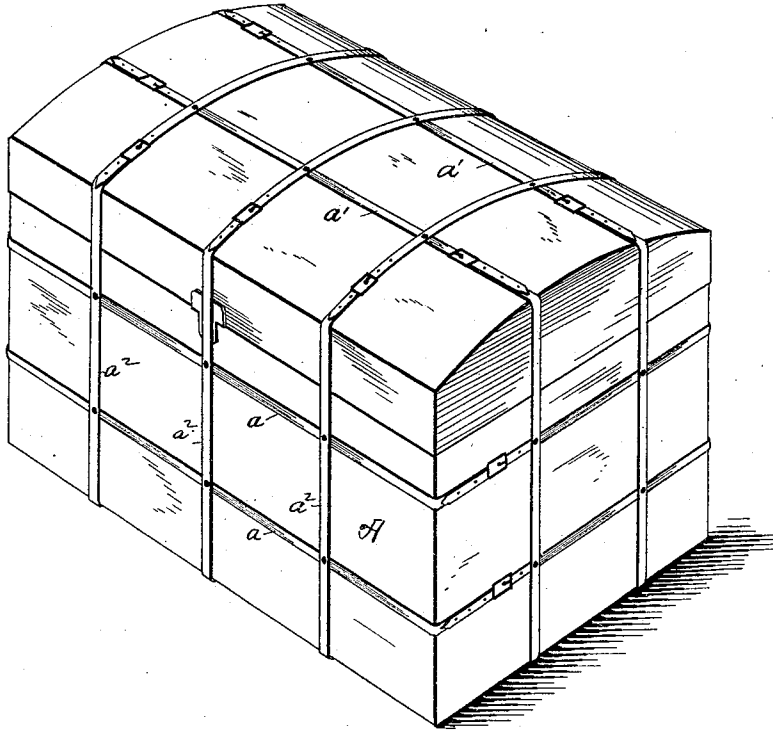
(No Model.)

R. H. DOUGLAS.

TRUNK STRAP.

No. 356,528.

Patented Jan. 25, 1887.



Witnesses

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UNITED STATES PATENT OFFICE.

RUFUS HENRY DOUGLAS, OF OELWEIN, IOWA.

TRUNK-STRAP.

SPECIFICATION forming part of Letters Patent No. 356,528, dated January 25, 1887.

Application filed June 24, 1886. Serial No. 206,106. (No model.)

To all whom it may concern:

Be it known that I, RUFUS HENRY DOUGLAS, a citizen of the United States, residing at Oelwein, in the county of Fayette and State of Iowa, have invented certain new and useful Improvements in Trunk-Straps; 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 straps or stays for trunks, cases, chests, &c., its object being to bind and support such articles in all directions and prevent them from being strained in handling and during transportation.

To this end my invention consists of a number or series of straps which cross each other and which are adapted to pass around every side of the package, the ends being secured by buckles or other convenient means, and the places where they cross being riveted or secured in any convenient manner.

In the drawing, the figure represents a perspective view of a trunk having my improved straps or binding devices around it.

A is the trunk, and $a\ a'\ a''$ a series or number of straps which pass around all sides of the trunk, the straps where crossed being secured by rivets or any other suitable means. The straps a , which pass around the sides and ends, are fastened near one of the corners of the trunk, and when the device has once been adjusted these straps need never be loosened. The straps a' , which pass around the ends and top and bottom, and the straps a'' , which pass around the sides and top and bottom, are fastened at the top, at the front edge, and at the ends, respectively, and when it is desired to open the trunk or case these buckles or fastenings may be loosened and the lid or cover lifted without disturbing the remaining straps.

It is obvious that this device when once adjusted need never be removed, and the work of securing the top buckles is but little more than is required to secure the ordinary straps and fastenings of a trunk.

This device is subject to numerous modifications, such as a change in material of the straps or in the mode of securing the ends. It is also obvious that the straps may be passed through loops in the ordinary canvas cover for trunks and used in conjunction with it. Moreover, the numerous straps used greatly protect the faces of the package and prevent scratches and abrasions.

Having described my invention, what I claim is—

1. A binding and supporting device for trunks, cases, or packages, consisting of three straps or series of straps, one arranged to pass around the trunk longitudinally, the second transversely, and the third surrounding the body of the trunk, said straps or series of straps being substantially at right angles with each other and secured together at their intersection, substantially as described.

2. The herein-described brace for trunks, chests, &c., consisting of a plurality of straps crossed and connected together to form a basket or sling for embracing the package on all sides and provided with buckles or other fastenings at one corner and at the upper front edge and ends, as specified.

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

RUFUS HENRY DOUGLAS.

Witnesses:

F. M. CAMMACK,
F. H. HANCOCK.