2 Sheets--Sheet 1.

JOSEPH STANTON.

Improvement in Trunks.

No. 114,485. Patented May 2, 1871.

Fig. I.

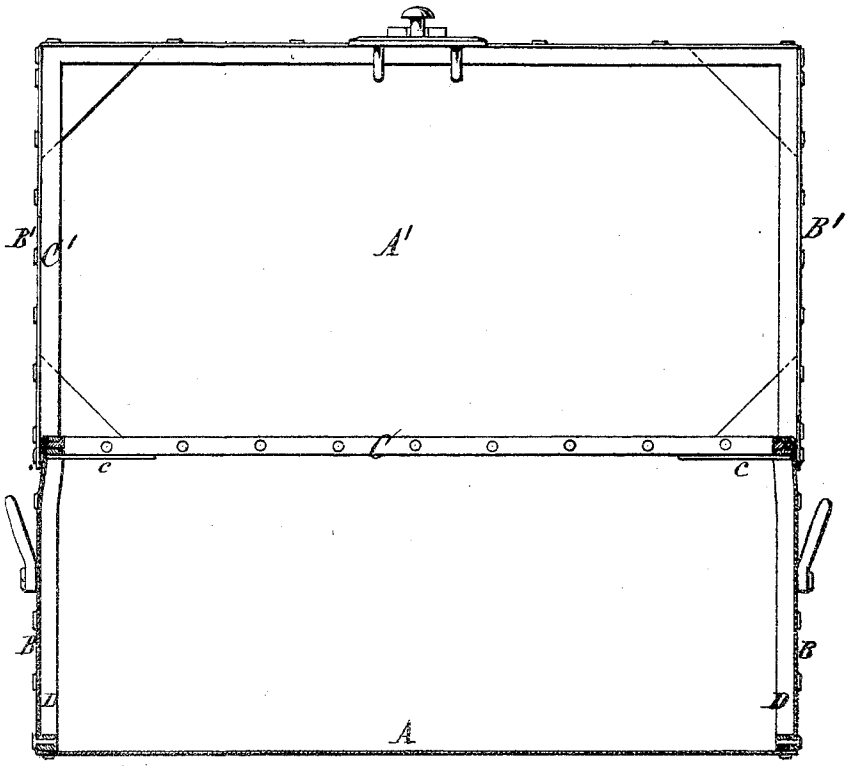
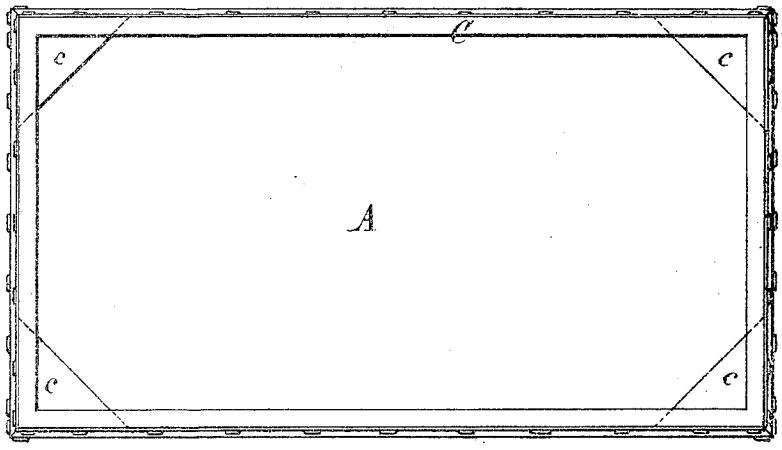


Fig. II.



Witnesses

Jas. McCarty.

Jno. J. Bonner.

Joseph Stanton. Inventor.

by Jay Hyatt Atty

2 Sheets--Sheet 2.

JOSEPH STANTON.

Improvement in Trunks.

No. 114,485. Patented May 2, 1871.

Fig. III.

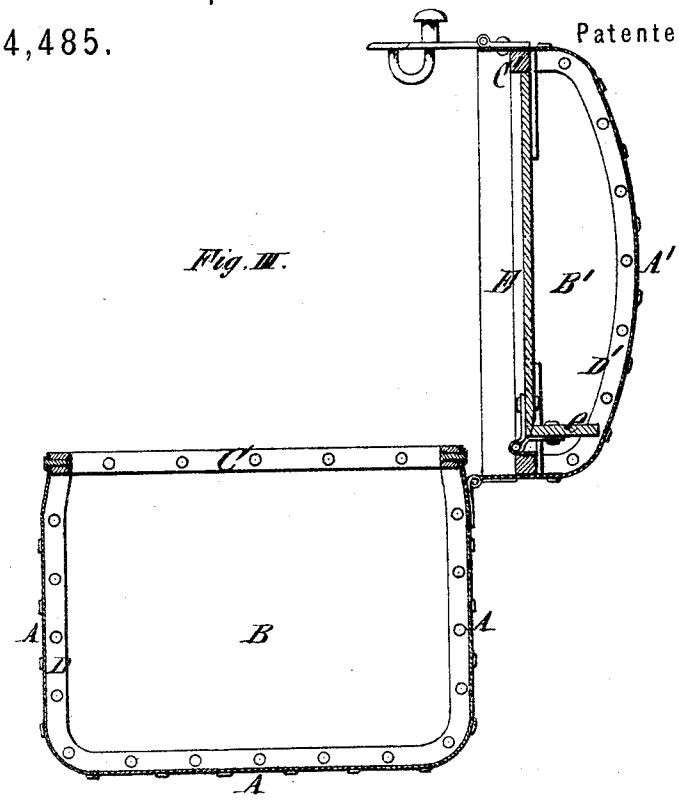


Fig. IV.

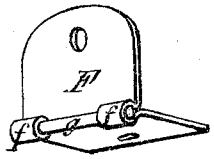
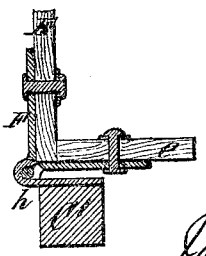


Fig. V.



Witnesses
Jas. McCarty
Jno. J. Bonner

Joseph Stanton Inventor
by Jay Hyatt
Atty.

United States Patent Office.

JOSEPH STANTON, OF BUFFALO, NEW YORK, ASSIGNOR TO HIMSELF AND ADOLPHUS HAGELIN, OF SAME PLACE.

Letters Patent No. 114,485, dated May 2, 1871.

IMPROVEMENT IN TRUNKS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JOSEPH STANTON, of the city of Buffalo, in the county of Erie and State of New York, have invented certain Improvements in Traveling-Trunks, of which the following is a specification.

My invention consists—

First, in the manner of constructing a traveling-trunk of sheet-steel and iron frames, as hereinafter fully described.

Second, in the construction and arrangement, with the wooden diaphragm of the cover, of an angle-plate provided with a knuckle, so as to form one part of the hinge thereof.

In the accompanying drawing—

Figure I is a sectional elevation of the body of the trunk with the lid opened.

Figure II is a plan view of the body of the trunk.

Figure III is a sectional elevation at right angles to Fig. I.

Figures IV and V are detached views of the hinge connecting the diaphragm of the cover to the latter.

Like letters designate like parts of each of the figures.

The body and cover of my improved trunk are constructed of plates of sheet-steel, strengthened and held in place by internal metallic frames.

A represents a single sheet, forming the sides and the bottom of the body of the trunk.

B B are the sheets forming the ends thereof.

The upper ends of these three sheets are riveted to an internal rectangular frame, C, made of iron, the corners of which are preferably strengthened by braces *c*.

The edges formed by the intersection of the sheets A and B are stiffened by internal end frames D, to which said sheets are secured by rivets.

If desired, these end frames D may be connected to the frame C by corner braces similar to those shown at *c*.

The cover or lid is constructed substantially as the body of the trunk.

A′ represents the piece of sheet-steel forming the top and sides, and

B′ B′ represent the end sheets.

These sheets are riveted to internal frames, C′ and D′, constructed and arranged as the frames C and D in the body of the trunk.

In order to protect this trunk from the injurious influences of the atmosphere it is painted or covered with leather or any other suitable material.

The comparative strength and lightness of sheet-steel and the rigidity of the internal iron frames combine to make this improved trunk capable of withstanding severe shocks without injury, while its weight does not exceed that of trunks now in use.

E represents a thin wooden diaphragm hinged to the cover of the trunk.

A narrow strip of board, *e*, is secured to the edge of this diaphragm, as shown in the drawing.

The part of the hinge attached to the diaphragm is represented in Fig. IV. It consists of a leaf or angle-plate, F, provided with knuckles *f*, formed by bending the leaf at the corner or angle and cutting out part of the bent portion.

A pin, *g*, is rigidly secured in said knuckles.

The angle-leaf is secured to the diaphragm and strip *e*, which forms a reliable connection and overcomes the difficulty which has heretofore existed in attaching the hinge, owing to the thinness of the diaphragm.

h is the part of the hinge attached to the cover of the trunk. The knuckle of this part is made partially open, so as to allow the parts of the hinge to be hooked together and the diaphragm engaged or disengaged, as required.

I do not wish to be understood as claiming, broadly, a trunk made of plain or corrugated plates of metal; but

I claim as my invention—

1. A traveling-trunk, composed of a sheet-steel covering, A B A′ B′, and iron frames C D C′ D′, constructed and arranged as hereinbefore set forth.

2. The construction and arrangement, with the diaphragm E of a trunk, of the angle-plate F, formed with a knuckle, *f*, and constituting one portion of the hinge of said diaphragm, as hereinbefore set forth.

Witnesses: JOSEPH STANTON.

JNO. J. BONNER,

JAS. MCCARTY.