(No Model.)

F. H. RANSOM.

TRUNK OR BOX.

No. 270,697. Patented Jan. 16, 1883.

Fig. 1

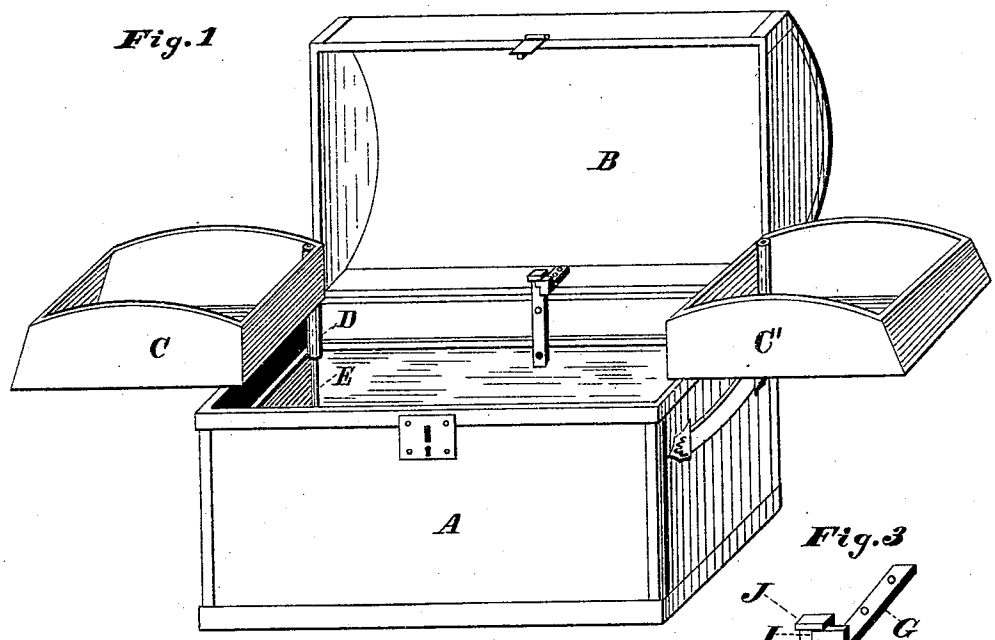


Fig. 3

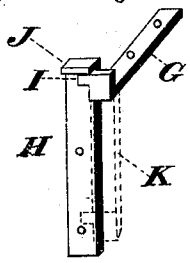


Fig. 2

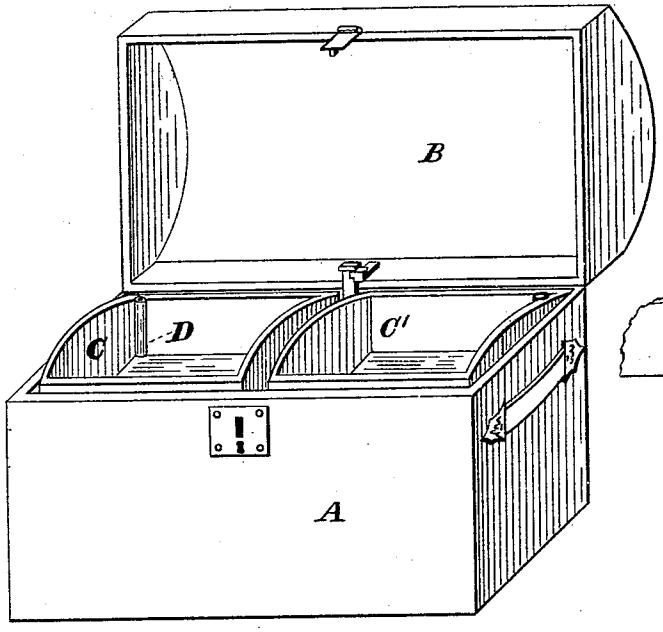
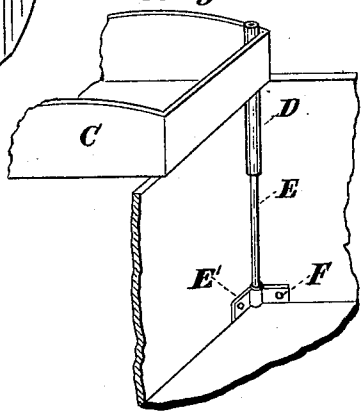


Fig. 4



Witnesses.
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UNITED STATES PATENT OFFICE.

FRANK H. RANSOM, OF BUFFALO, NEW YORK.

TRUNK OR BOX.

SPECIFICATION forming part of Letters Patent No. 270,697, dated January 16, 1883.

Application filed October 16, 1880. Renewed August 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. RANSOM, a citizen of the United States, residing in the city of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Trunks or Boxes, of which the following is a specification.

The object of my invention is to provide a simple and convenient means for operating the tray or trays of a trunk so that all parts of the same may be easily opened and a ready access to the whole or any of the contents presented at once, and also to obviate the necessity of lifting the tray up and out of the trunk and laying it aside; and it consists of a trunk or box provided with one or more pivoted trays capable of being lifted vertically upward, and then turned around out of the way on said pivots.

My invention further consists in a novel means for preventing the cover of the trunk from being turned back too far, all of which will be more clearly understood by reference to the drawings, in which—

Figure 1 is a perspective view of a trunk, showing the position of the trays when lifted up and turned back out of the way. Fig. 2 represents a similar view, showing the trays down in place. Fig. 3 is a detached perspective view of the device for holding the cover in its proper position when opened; and Fig. 4 is an enlarged portion of a trunk and tray in perspective, showing the arrangement of the pivot on which the tray is operated.

One of the objects in arranging the tray so that it can be moved vertically up out of the trunk or down into it is to provide room for the usual inclosed space within the cover, and thereby allow it to be closed without interfering with the trays.

A is the trunk or box; B, the cover.

C C′ represent the trays, of which there may be one or more. At one corner of the tray is a tube or sleeve, D, securely fastened thereto in any well-known way. At one or two corners of the inside of the trunk (according to the number of trays) is rigidly fastened a vertical rod or shaft, E, by means of an angle-plate, E′, or its equivalent, and screws or bolts F, which angle-plate is put down low enough to the bottom to allow the tray and sleeve D to be lowered into place. (See Fig. 4.)

In use, the tray is connected by putting the sleeve D over the rod E, when it can be easily turned outward in the position shown in Fig. 1, or turned back so as to drop down into the position shown in Fig. 2.

If desired, the rod E may be used in place of the sleeve, and the sleeve D in place of the rod, thereby reversing their positions; but I believe the arrangement shown to be the best, and, if necessary, a spring and catch of any well-known form may be put on the rod E, for the purpose of holding the tray on said rod at any point of its movement up.

G H represent the device for holding the cover in its proper upright position when opened. It is a perspective view, showing its position when the cover is open. The bar G is fastened firmly to the cover, and H is fastened to the inside of the trunk by bolts or screws. (See Fig. 1.) In the position shown the bent or projecting part I of the bar G projects under the hooked part J of the bar H. When the cover is closed the bar G will be in the position shown by the dotted lines K in Fig. 3.

In Fig. 1, L represents a narrow projecting strip, fastened around the inside of the trunk, upon which the trays C C′ rest when down in place.

I claim as my invention—

1. The trunk A, provided with the vertical rod E, in combination with a tray, C, provided with a sleeve, D, thereby adapting the tray to be lifted up and turned out of the way on the pivot or rod E, substantially as described.

2. In a trunk or box, the combination of the box A, cover B, and the bars H G, secured thereto, substantially as specified, and provided with the projections I J, for the purposes described.

FRANK H. RANSOM.

Witnesses:

AMOS W. SANGSTER,

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