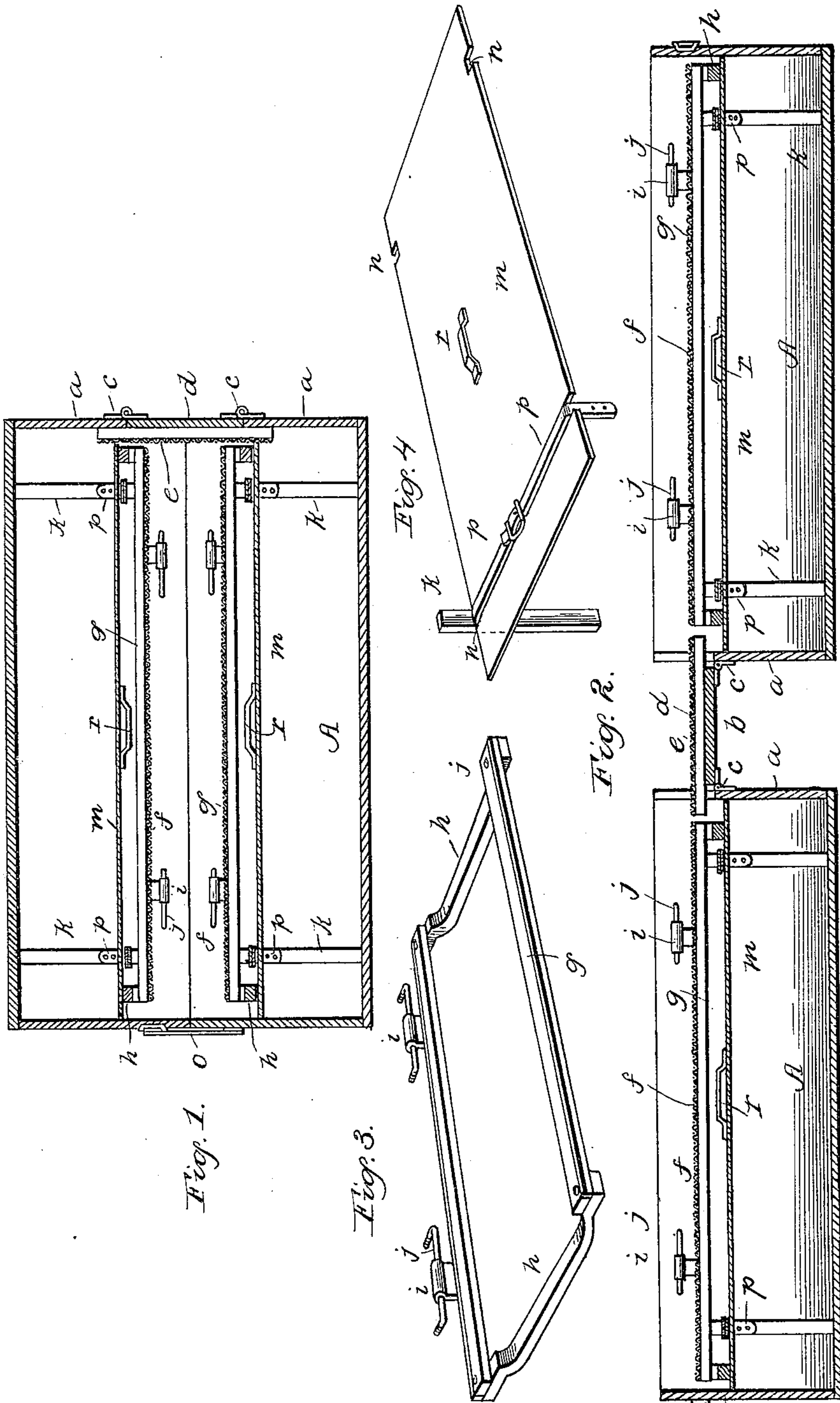


(No Model.)

W. F. ADAMS.
COMBINED TRUNK AND BED.

No. 546,981.

Patented Oct. 1, 1895.



Witnesses.
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UNITED STATES PATENT OFFICE.

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COMBINED TRUNK AND BED.

SPECIFICATION forming part of Letters Patent No. 546,981, dated October 1, 1895.

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To all whom it may concern:

Be it known that I, WILLIAM F. ADAMS, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in a Combined Trunk and Bed; 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.

This invention relates generally to trunks, and particularly to a combined trunk and bed, and it has for its object to combine a trunk and bed or bed-bottom in a compact, simple, and comparatively-inexpensive manner, and which is adapted to be quickly converted into a bed without disarrangement or disturbance of the clothing or other articles packed in the trunk and with the least possible diminution of the packing-space; and it consists of the parts and combinations of parts hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a longitudinal vertical section through my improved trunk in its closed position; Fig. 2, a similar view with the trunk in its open position; Fig. 3, a detail perspective view of one of the mattress-sections, and Fig. 4 a detail perspective view of one of the covers for the interior of the trunk.

A represents the frame of the trunk, which in this instance is shown as a rectangular box or case, but which may be of any desired shape if means are provided for causing the two parts forming the trunk-body to be practically on a level when opened out fully.

The trunk-body is divided into two parts on a horizontal line through or near its center, forming two halves of preferably equal size, and at one end the end piece of the trunk is divided into three parts, of which two parts *a* are rigidly secured to the respective halves of the trunk in the usual or any desired manner, the third part *b* being arranged at the center or between the parts *a* and hinged, as at *c*, at each edge to the edges of the rigid parts *a*, the three parts together forming a complete end for the trunk. Owing to this arrangement and construction of parts, the upper part of the trunk may be thrown over endwise and rest on the floor in line with the

lower part, but at a distance therefrom, as shown in Fig. 2. Thus it will be observed that the top or upper part of the trunk when fully or entirely turned up and over is carried some distance from the lower part, the space thus left between the adjacent ends of the two halves or parts being bridged by the connecting hinged part *b*, thereby adding to the length of the two halves of the trunk the width of said part *b*. To the part *b* is secured at each end a cleat *d*, on which is secured a section of mattress *e*, which may be of wire, as shown, or hair or springs, or any suitable and convenient material, which mattress and cleats extend beyond the side edges of the part *b*, so as to nearly close the gap between it and the adjacent ends of the sections of mattress *f*, secured to the frames *g*, arranged in the respective halves of the trunk-body. The ends of the frame *g* are cut away, as shown at *h*, to permit of the spring or other mattress secured thereto having a limited movement or to yield somewhat to the movement and weight of the person resting thereon without interference with said end pieces. The cleats *d* are made longer than the part *b* is wide and when the trunk is closed extend down and lie closely against the inner faces of the parts *a*, thus forming strengthening-braces for the end of the trunk. The frames *g* are preferably hinged to the side walls of the trunk on the same side, so that said hinges lie one above the other when the trunk is in its closed position. The frames *g* are somewhat shorter than the interior space of the trunk and the hinges by which they are secured to the wall of the trunk consist of a knuckle *i*, secured to the frame and working on the pin or bent bar *j*, the ends of which are secured to the wall of the trunk at a suitable distance above the frames, so that when the latter are raised they may be thrown entirely over the side of the trunk. In order to enable the trunk to be easily and readily closed and to permit the cleats to assume the position shown in Fig. 1 and to close the gaps necessarily left between the adjacent edges or ends of the main sections of the mattresses and the section *e*, the frames *g* are slid back and forth on the uprights *k*, being moved toward each other to close the gaps and away from each other to permit of the passage of the cleats *d*. This movement

is permitted by the peculiar form of hinge, the knuckle sliding on the bent bar. A cover *m* is placed in each half of the trunk and fits snugly therein, notches or slots *n* being formed in its edges to permit it to slide or be moved up and down on the uprights *k*, and to the latter straps *p* are secured, which project through the slots *n*, whereby the cover, after the trunk has been packed, may be secured down on the articles therein. By means of the covers *m* the contents of the trunk are hidden from view when the trunk is opened and are maintained in place while the same is being opened and closed. A handle *r* is secured to the center of each cover. The lock *o* is secured at the end of the trunk, and suitable handles are also secured at the ends.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A combined trunk and bed, consisting of a suitable trunk body divided horizontally into two parts, said parts being hinged together at one end in such manner as to add to the length of the two parts when the trunk is opened, a suitable section of mattress bridg-

ing the space between said parts, and mattress frames hinged to the side walls of said parts, said hinges being constructed so as to permit of a horizontal adjustment of said frames within the parts, substantially as described.

2. A combined trunk and bed, consisting of a trunk body divided horizontally into two parts and having one end formed of three pieces the center one of which is hinged to the others at points below the top of the side walls of the divided body, a section of mattress secured to said center hinged end piece, mattress frames adapted to fit and be supported within said body parts, and hinges, consisting of knuckles secured to the mattress frames and bent bars secured to the side walls of the body parts, for adjustably securing said frames within said body parts, substantially as described.

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

WILLIAM F. ADAMS.

Witnesses:

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