

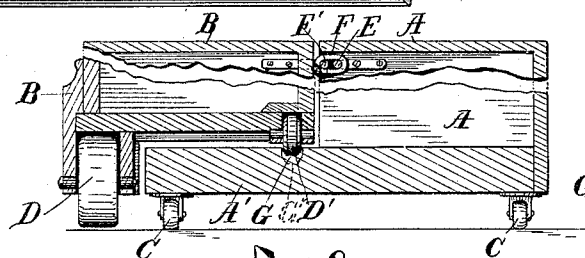
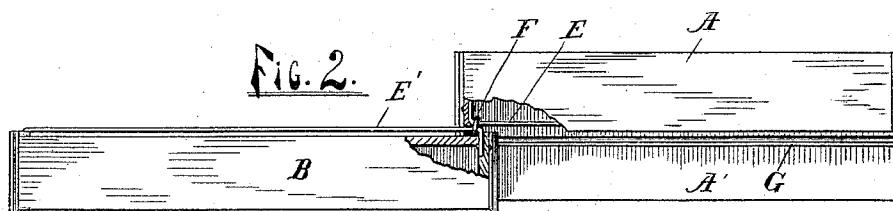
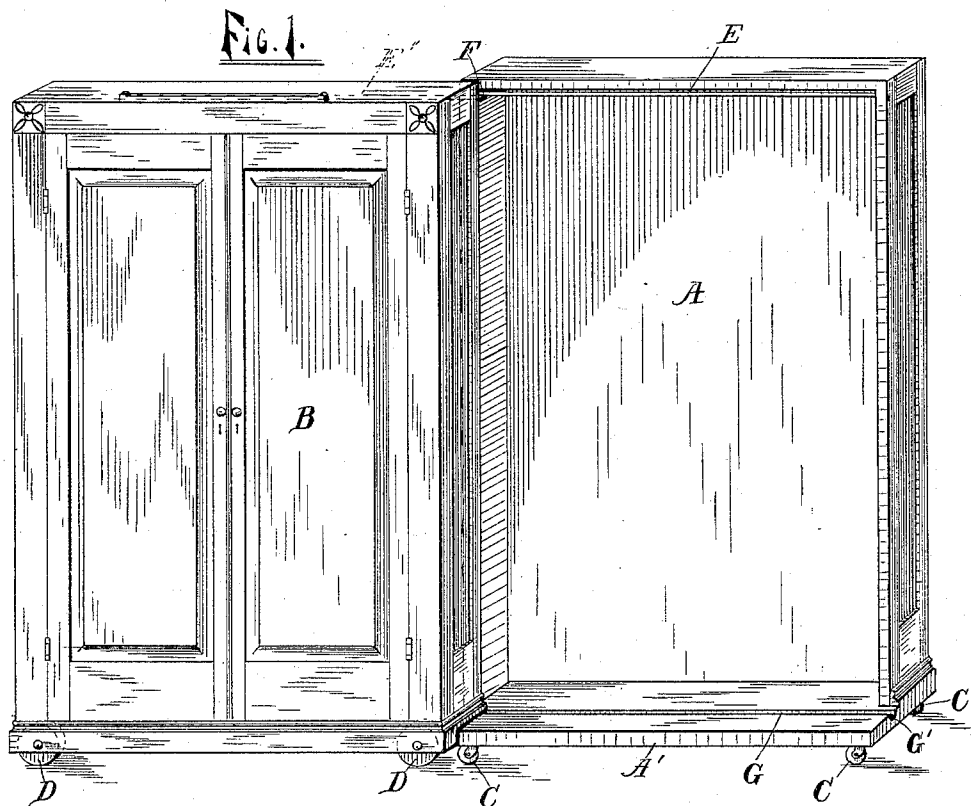
(No Model.)

A. S. WHITE.

COMBINED FOLDING BED CASE AND WARDROBE.

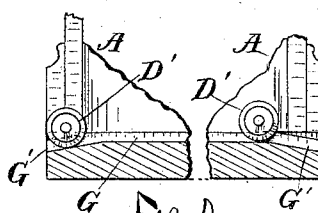
No. 473,984.

Patented May 3, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ARTHUR S. WHITE, OF GRAND RAPIDS, MICHIGAN.

COMBINED FOLDING-BED CASE AND WARDROBE.

SPECIFICATION forming part of Letters Patent No. 473,984, dated May 3, 1892.

Application filed July 17, 1891. Serial No. 399,868. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR S. WHITE, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Combined Folding-Bed Cases and Wardrobes; 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 improvements in a combined folding-bed case and wardrobe or equivalent article of furniture, and more particularly to the manner of connecting and arranging the case for the folding bed and the wardrobe; and its object is to provide the same with certain new and useful features herein-after more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective of a device embodying my invention; Fig. 2, a plan view of the same; Fig. 3, an enlarged detail in vertical section from front to rear, and Fig. 4 a detail showing the respective positions of the small rolls D' when the device is open and closed.

Like letters refer to like parts in all the figures.

A is the stationary case, within which the bed-section proper is pivoted and inclosed when the device is closed. This bed-section is not involved in my invention and may be of any convenient construction. The case A is provided with a forwardly-projecting base A' to give it stability and is provided with casters C.

B is the wardrobe, which may be of any convenient form of construction, closing the front of the case A when brought in front of the same. In the bottom of this wardrobe, in suitable recesses, are two large rolls, D near the front corners, traversing the floor and passing parallel with and in front of the base A', and near the rear corners two smaller rolls traversing a groove G in the upper surface of the base A'. Said groove is inclined downward and outward at each end, as shown in Fig. 4, and the large and small rolls are so adjusted that as the small roll runs up this incline G' the large roll is lifted from the floor, as shown

in Fig. 3. Thus as the wardrobe moves off in either direction it is carried at its outer or advance side on a roll at its front only, which roll as said wardrobe moves in the opposite direction is free to pass in front of and unobstructed by the forwardly-projecting base A'. I thus avoid any necessity for detachable supports for said outersides. A duplicate groove may be provided at the extreme front edge of the projecting base A' and duplicate rolls provided in the bottom of the wardrobe to traverse the same, if desirable.

In the upper part and near the front of the case A is secured a horizontal rod E, and on the back of the wardrobe B is another similar rod E' parallel and near to the rod E. These rods are connected by one or more links F, which surround both and are free to move laterally from end to end on said rods. These rods and links serve to connect the case A and wardrobe B at the top, and the link also serves as a stop when the wardrobe is moved either way from in front of the case. The large roll serves to carry the outer side of the wardrobe, and being large and having a broad face moves much easier than a caster, while by the arrangement of inclined ends to the groove G, when the wardrobe is directly in front of the case, they are lifted free from the floor and the entire device is on the casters and moves freely in all directions on the same. It will also be observed that when the wardrobe is moved to one side the full distance allowed by the link F the roll D' is on the incline G', which tends to keep the wardrobe in place.

What I claim is—

1. The combination of case A, having a base portion wider than the side portions and having a projecting portion A', having a longitudinal groove G in its upper surface and having its bottom downwardly inclined at each end, substantially as shown, and the wardrobe or equivalent article of furniture B, similar in size and construction to case A and connected thereto and having the pair of rolls D' D' journaled in a line at the rear thereof, traversing the groove G, and the pair of rolls D D, journaled in a line at the front thereof and traversing the floor upon a line parallel to and in front of the front edge of said base A', substantially as described.

2. The combination of a case adapted to contain a folding-bed section having a forwardly-projecting base, said base having a groove in its upper surface, and a wardrobe having rolls traversing said grooves and other rolls traversing the floor and passing in front of said base, and horizontal rods attached to the upper part of said case and wardrobe, respectively, and a link connecting said rods, substantially as described.

3. The combination of a case adapted to contain a folding-bed section having a forwardly-projecting base and having one or more grooves in its upper surface, said grooves having oppositely-inclined ends, and a wardrobe having rolls traversing said grooves and also rolls traversing the floor and passing in front of said base, a rod across the front of said case and a rod across the back of said wardrobe in the same horizontal plane, and a link surrounding both of said rods and movable thereon, substantially as described.

4. The combination of the case A, adapted to contain a folding bed having a base portion wider than the sides and having a projecting portion A', forming a support for the section B when the bed is closed and provided with a longitudinal way or groove G, having its bottom downwardly inclined at each end, substantially as shown, and the wardrobe or equivalent article of furniture B, similar in size and outline to the case A and connected thereto and having the pair of rolls D' D' journaled to the bottom in a line at the rear thereof and traversing the groove G for supporting the section B when the structure is closed, and the rolls D D, journaled to the bottom in a line at the front thereof of greater size and having their axles below the plane of the axles of rolls D' D' for supporting said section B when the structure is open and traversing the floor upon a line parallel to and in front of the front edge of said base when the structure is being closed, substantially as set forth.

5. The combination of a case A, adapted to contain a folding-bed section having a forwardly-projecting base A' and mounted upon suitable casters C, and a wardrobe or equivalent article of furniture B, mounted upon two pairs of rolls D D and D' D', rolls D' being of small size and journaled at the rear corners and longitudinally traversing the upper surface of said base, rolls D of large size

journaled at the front corners and traversing the floor in front of the rolls D, two parallel rods, one of which is attached to the wardrobe and the other to the case, and a link connecting said rods, and oppositely-inclined ways G in the upper surface of the base A' for the rolls D', whereby when the case B is moved in front of the case A the same will be lifted from the floor and the whole structure rest and be movable upon casters C, substantially as set forth.

6. The combination of a case A, adapted to contain a folding bed having a forwardly-projecting base A' and mounted upon suitable casters C, and a wardrobe or equivalent article of furniture B, closing the front of the case A, mounted upon rolls D', journaled at its rear corners and longitudinally traversing the upper surface of base A', and larger rolls D, journaled at its front and traversing the floor in front of said base, and parallel horizontal rods E E', attached to said case and wardrobe, respectively, and connected by a movable link, whereby said rods and link serve as a guide for the movable case in its traverse, substantially as set forth.

7. The combination of a case A, adapted to contain a folding-bed section having a forwardly-projecting base A', having oppositely and outwardly inclined ways G for rolls and mounted upon suitable casters C, and a wardrobe or equivalent article of furniture B, closing the front of the case A, mounted upon two pairs of rolls D D and D' D', respectively, arranged as described, the inner pair longitudinally traversing the base A' and the outer pair traversing the floor in front of said inner pair, a rod E across the front of said case A and a rod across the back of said wardrobe B in the same horizontal plane, and one or more links F, surrounding said rods and movable thereon, whereby the said case and wardrobe are connected together and the wardrobe lifted from the floor, and the entire structure rests upon the casters C when closed, substantially as set forth.

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

ARTHUR S. WHITE.

Witnesses:

DENNIS L. ROGERS,
LUTHER V. MOULTON.