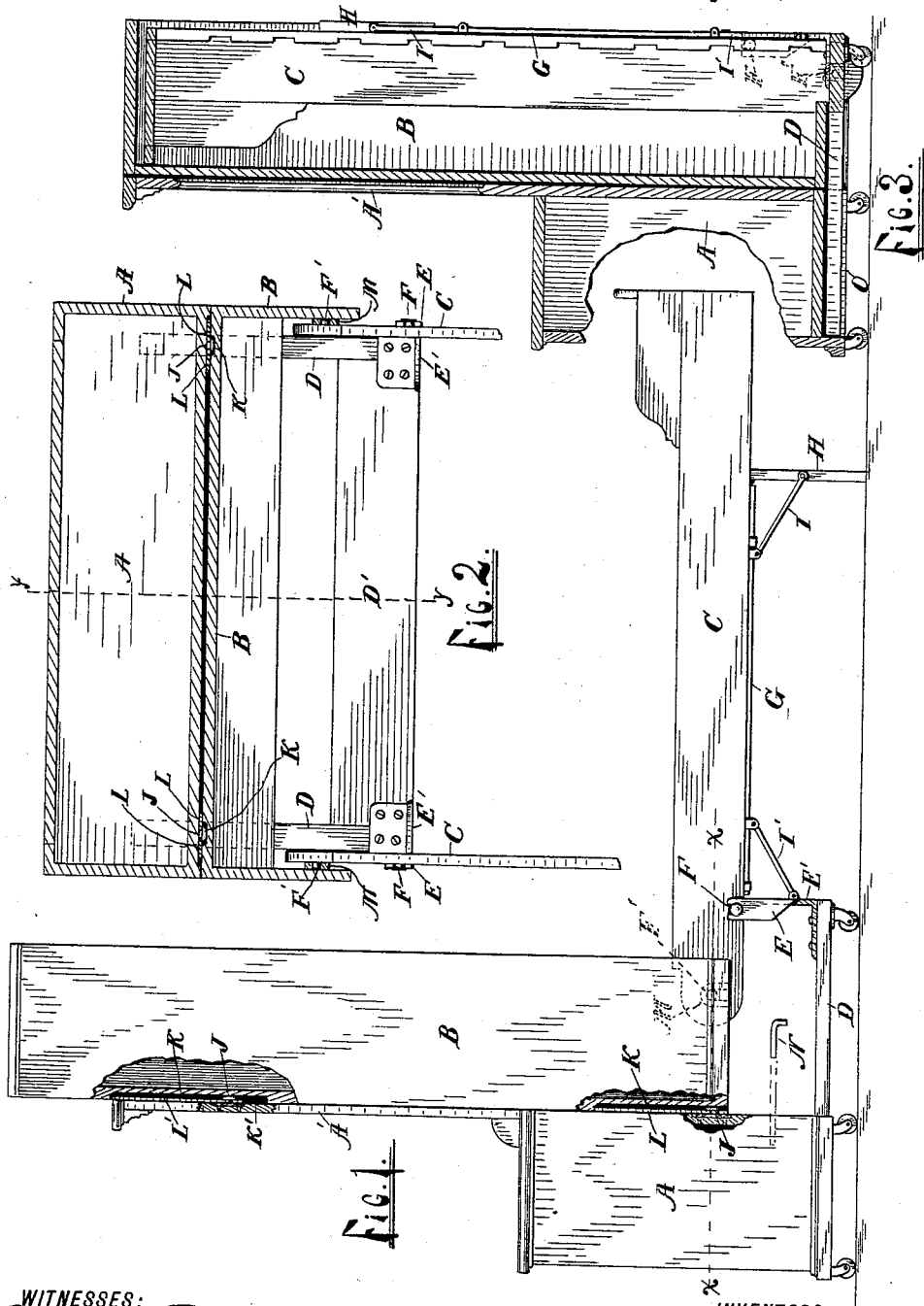


(No Model.)

I. C. SMITH & E. E. HERRINTON.
WARDROBE BED.

No. 479,471.

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ISRAEL C. SMITH AND EDWARD E. HERRINTON, OF GRAND RAPIDS,
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WARDROBE-BED.

SPECIFICATION forming part of Letters Patent No. 479,471, dated July 26, 1892.

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To all whom it may concern:

Be it known that we, ISRAEL C. SMITH and EDWARD E. HERRINTON, citizens 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 Folding Beds; and we 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.

Our invention relates to improvements in folding beds; and its object is to provide such a bed with certain new and useful features, more fully described in what follows, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a device embodying our invention as it appears when open and having portions broken away to better show the construction. Fig. 2 is a horizontal section on the line xx of Fig. 1; and Fig. 3 is a vertical section on the line yy of Fig. 2, showing the position of the various parts when closed.

Like letters refer to like parts in all the figures.

A is the stationary case, which may contain a series of drawers or be otherwise utilized as a receptacle, and is provided with an upwardly-extended back portion A' , which may contain a mirror.

On the back of the dresser are studs J, which are adapted to traverse grooves K K in the back of the vertically-movable case B, which studs have heads engaging the inner surface of plates L L' at each side of said grooves and partially overlapping the same. The upper plates L' are shorter than the corresponding groove to permit the disengagement of the stud at K'. The lower grooves K extend to the bottom of the case B, and the heads of the lower studs are removed at the lower ends of said grooves.

C is the folding section, which is pivoted at F in an upwardly-open bearing in the upper edge of the outer sides of the vertical angle-plates E. The forward sides of said angle-plates serve to stop the folding section C as it reaches the vertical position. Said angle-

plates are mounted upon the outer ends of horizontally-movable slides D, which bring the pivots F directly above the casters which carry the outer ends of said slides, which are connected by a bar D' at their outer ends and are adapted to slide in ways O in the bottom of the case A. Said slides D also form a support for and carry the case B when the bed is closed. Said folding section is provided with other pivots F' at each side near its inner end, which engage downwardly-open bearings M on the case B. Near the outer end of said folding section are hinged suitable legs H. These are automatically opened and closed by means of the longitudinally-movable rod G, having rods I I' pivoted thereto, one of which is pivoted to the leg H and the other to the angle-plate E'.

A pin N is provided, adapted to be inserted in a suitable hole in the case A, as indicated by dotted lines, and sustain the case B in an elevated position when occasion arises to detach the folding section C.

By inspection of the drawings the operation of our device will be readily understood.

The case B, being free to slide vertically, being pivoted upon the inner end of and sustained by the folding section C, serves to balance the same. We are thus able to dispense with other weights or springs for that purpose. As the bed opens the slides D are drawn out freely and with but little friction in the ways, as the load is supported directly above the casters beneath the outer ends of said slides. By inserting the pin N and disconnecting the rod I' from the plate E' the pivots F and F' can be readily removed from their respective bearings and the folding section C detached. The slides D can then be withdrawn and finally the case B moved upward and disconnected from A, when the structure will be in detached parts, light, and easily handled. By the reverse process they can as readily be replaced in position for use, no tools being required in either operation.

What we claim is—

1. The combination of a dressing-case having horizontal ways near the bottom, horizontally-movable slides engaging said ways, casters beneath the outer ends of said slides, a folding section pivoted upon said slides sub-

stantially above said casters, and a vertically-movable case detachably secured to the back of said dresser, said case pivoted to said folding section and resting upon said slides when
5 the bed is closed, substantially as described.

2. The combination of a stationary case, a vertically-movable case detachably connected thereto, a folding section pivoted by vertically-open bearings to said movable case, horizontally-movable slides pivoted to said folding
10 section and supporting said movable case when the bed is closed, and a stop-pin to limit the movement of said case, substantially as described.

15 3. The combination of a vertically-movable case, a folding section pivoted to the same

and balanced thereby, horizontally-movable slides beneath and supporting said vertically-movable case when the bed is closed, outer supporting-legs pivoted to said folding section, a horizontally-movable rod on said folding section, and connecting-rods pivoted to said movable rod and to the said legs and slides, substantially as described.

In testimony whereof we affix our signatures 25 in presence of two witnesses.

ISRAEL C. SMITH.

EDWARD E. HERRINTON.

Witnesses:

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