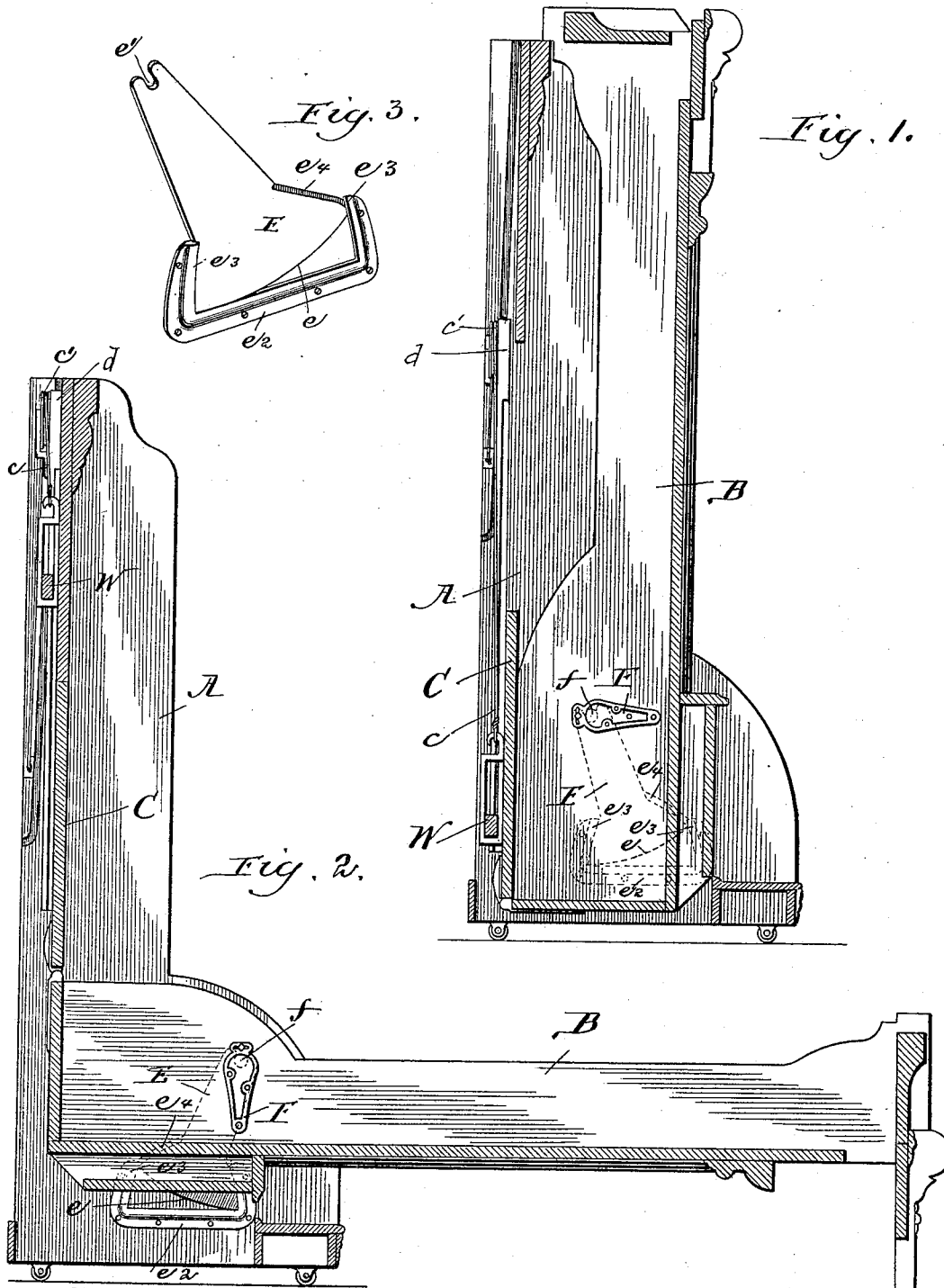


(No Model.)

F. B. WILLIAMS.
WARDROBE OR FOLDING BED.

No. 463,655.

Patented Nov. 24, 1891.



Witnesses
W. Rogers
H. B. Driewold Jr.

Inventor
Fitzallan B. Williams
By Jno. H. Whipple
Att'y.

UNITED STATES PATENT OFFICE.

FITZALLAN B. WILLIAMS, OF CHICAGO, ILLINOIS.

WARDROBE OR FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 463,655, dated November 24, 1891.

Application filed February 5, 1889. Serial No. 298,716. (No model.)

To all whom it may concern:

Be it known that I, FITZALLAN B. WILLIAMS, of Chicago, in the State of Illinois, have invented certain new and useful Improvements in Wardrobe or Folding Bedsteads, of which the following is a specification.

The invention relates to mechanism for connecting the folding frame of such bedstead with the upright or stationary frame in such manner that the pivot-pin on which the folding frame turns in closing and opening the bed is permitted to move toward and from the rear; and the invention consists in the mechanism for this purpose, which is illustrated in the accompanying drawings, in which—

Figure 1 is a vertical central section of a bedstead of the class mentioned, showing the application of such mechanism thereto, the bed being closed. Fig. 2 is a like view, the bed being open. Fig. 3 is a detail showing in side view the pivot-shifting mechanism and the means for connecting it to the stationary frame of the bedstead.

The stationary frame A, the folding frame B, the sliding head-board C, hinged to the head end of the folding frame and adapted to slide up and down in the grooves of the stationary frame, and the weight W, suspended on cords c, attached to the stationary frame and passing over pulleys c' on pieces d of the sliding head-board, as here shown, are all constructed and arranged substantially the same as in my patent of August 10, 1886, No. 347,217, for a wardrobe-bedstead, and need not be particularly described in detail.

The mechanism for connecting the folding frame with the stationary frame consists of two thin plates or pieces E about one-quarter of an inch thick, the lower edges e of which are made broad and curved in the form of a rocker. From the lower side said plates are tapered to a narrow point at the top, where they are provided with sockets e' for the pivot-pins of the folding frame to rest in. One of these plates is secured to each side of the stationary frame, with its bottom or rocker edge resting on a cleat e², so as to rock back and forth thereon. The cleat is provided with an upwardly-extending part at each end having embracing ends e³, which fit

over beveled edges e⁴ of said plates for a portion of the way near the base and serve to fasten them to the stationary frame and keep them in place on the cleats. The embracing ends of the cleats constitute a connection of the rocker-plates with the stationary frame of such character as to be continuous in the operation of guiding and holding said plates at all points in their movement back and forth and to effect these results wholly from the bottom. Such connection constitutes the distinguishing feature of my invention from others which employ rocker-plates with different means for connecting them with the stationary frame.

The advantages of my form of connecting mechanism over other forms with which I am familiar are its simplicity and cheapness of manufacture, its capability of being made thin, so as to operate and permit the folding frame to swing in a stationary frame with not more than three-eighths of an inch play between the frames on each side, its adaptability to be attached to the stationary frame low down in the base of the bed, so as to obviate the necessity of any direct connection with said frame above this point, and its manner of supporting the pivot on a narrow point, which requires but slightly more space or depth of the casing from front to rear at the height of the pivot than is necessary for the movement of the pivot.

The pivot-plate F, provided with the pivot-pin at f, is adapted to be secured by screws on the inside of the side rails, each provided with a hole for the pivot-pin to extend through and project on the outside of the rail sufficiently to engage in the socket e' of the rocker plates or pieces. These are the same in construction as the pivot-plates of my patent of January 10, 1888, No. 376,127, for a folding or wardrobe bedstead and are applied in the same manner.

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

1. In a folding bedstead, and in combination with the stationary and folding frames, two thin plates E, provided with a broad rocker-base e, a narrow arm or part extending in opposite direction therefrom, having the socket e' and beveled portions, as shown, a cleat at

each end of the rocker-base secured to the face of the stationary frame, and embracing end pieces, as e^3 , secured to the stationary frame and overlapping the beveled portions of said plates at both ends of the rocker-base, as and for the purpose specified.

2. A set of irons for a wardrobe-bedstead, said irons consisting of two thin plates E, each having a broad rocker-base e , beveled portions at each end of the rocker-base, a narrow arm projecting in the opposite direction from the rocker-base and provided with a

socket e' , two cleats having a straight upper edge and screw-holes for securing them to the base of the upright frame, and embracing end pieces adapted to be secured to the stationary frame and lap upon the beveled portions at each end of the rocker-base, as and for the purpose specified.

FITZALLAN B. WILLIAMS.

Witnesses:

JNO. H. WHIPPLE,
JOS. W. MERRIAM.