

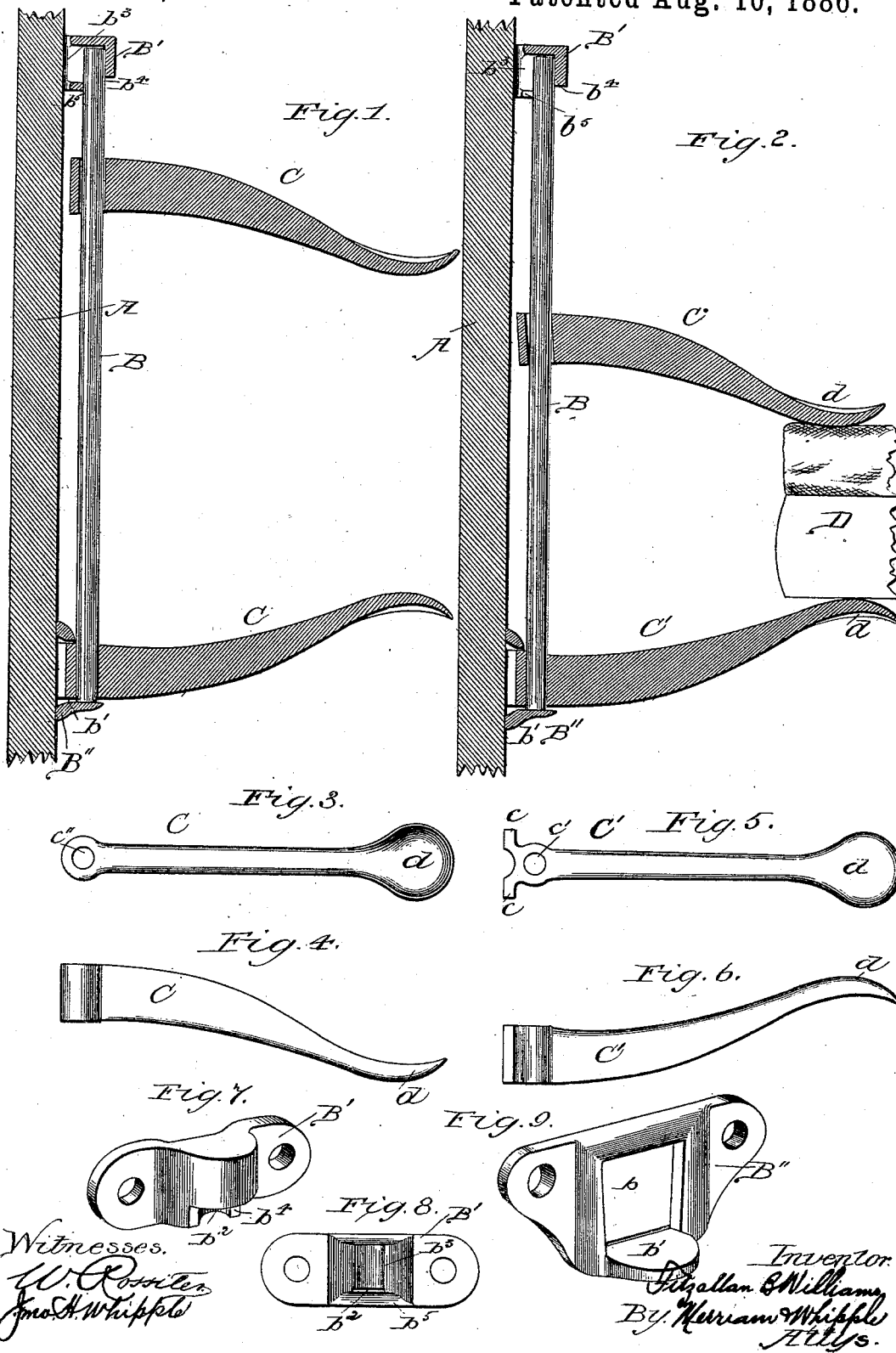
(No Model.)

F. B. WILLIAMS.

ATTACHMENT FOR WARDROBE BEDSTEADS.

No. 347,079.

Patented Aug. 10, 1886.



UNITED STATES PATENT OFFICE.

FITZALLAN B. WILLIAMS, OF CHICAGO, ILLINOIS.

ATTACHMENT FOR WARDROBE-BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 347,079, dated August 10, 1886.

Application filed August 10, 1885. Serial No. 173,932. (No model.)

To all whom it may concern:

Be it known that I, FITZALLAN B. WILLIAMS, of Chicago, Illinois, have invented certain new and useful Attachments for Folding Bedsteads, of which the following is a specification.

The object of the attachment is to hold the mattress and bedclothes in position when the bed is closed; and the invention consists in the parts and combinations hereinafter described and claimed.

The accompanying drawings illustrate the invention and the mode of applying it to the bed.

Figure 1 is a vertical section crossing the foot-board of the bed, to which the attachment is affixed. Fig. 2 is a like view showing, in addition, a section of the mattress and the operation of the clamps thereon. Figs. 3, 4, 5, 6, 7, 8, and 9 are respectively views of detached parts, 3 and 4 being a top and a side view of one part, 5 and 6 a top and a side view of another part, 7 and 8 a front perspective and a rear view enlarged of another, and 9 an enlarged front perspective of another.

A designates the foot cross rail or board of the movable frame of the folding bed.

B is a rod or bar, which is secured to the foot-rail by brackets or fastenings B' B'', as hereinafter described, or in any other convenient mode.

C is an adjustable, and C' a fixed, clamp. The latter of these is passed through the opening b in the fastening B'', the lugs c c engaging in rabbets formed in the edges of the opening at the rear to let the lugs in even with the rear surface of said part and hold said clamp fast to the foot-board when the fastening is secured thereto by screws passing through the screw-holes into said board. When this clamp and its fastenings are thus placed together and secured to the foot-board, the hole c' comes over the projection b', which forms a rest for the rod B when placed in said hole. The top clamp is now put on the rod, the latter passing through the hole c' therein, and then the top fastening, B', put on the top end of the rod and in like manner secured to the foot-board, the socket b'' fitting over and covering the end of the rod. The whole is thus secured to the foot-board so that the clamps project toward the mattress and bedclothes, the fixed one

extending under and the adjustable one over them. The hole c' fits over the rod measurably close, and is made large enough so that the adjustable clamp may slide up and down readily on the rod when moved squarely thereon, and the arrangement is such as to clamp the mattress and clothes D between the ends of the clamps.

While the adjustable clamp is held squarely with the rod it is pressed down on the mattress and bedclothes, resting on the fixed clamp with sufficient force to hold them, and then fastened at this point by a slight oblique movement, causing the hole to bind at the top and bottom on opposite sides, as seen in Fig. 2. The clamp will be held strained in this oblique position and fast to the rod by the spring of the clothes applied on the outer end, and may be released by pressing down on the outer end sufficiently to relieve the oblique strain.

The clamps are made spoon-shaped on the outer ends, so that their edges do not come so forcibly in contact with the mattress and clothes as to wear them rapidly.

I am aware that a ratchet-bar attached to the foot-board and provided with a fixed and an adjustable clamp or jaw, the latter being provided with a spring-actuated pawl or detent, has been heretofore used for the same purpose, and I make no claim to such device.

The top fastening, B', is recessed from the back, as seen at b'', to form the socket b' for the upper end of the rod, and the opening where the rod enters is formed in part by a notch, b', which extends above the part b'' and cuts into the recess. This form of construction enables both the socket and the screw-holes to be cast in instead of drilled, or the complete device to be formed by one operation. So also by making the lower fastening, B'', separate from the clamp C' and providing the projection b' as a rest for the end of the rod B, I am enabled to cast both the hole c' of the clamp and the screw-holes in the fastening, whereas if the clamp and fastening were cast together either the screw-holes of the fastening or the hole c', one or the other, would have to be drilled.

What I claim is—

1. The combination of a smooth rod, B, fastening B', having socket b', and recess b'', fast-

ening B'', having projection *b'*, adjustable clamp C, and fixed clamp C', all arranged substantially as and for the purpose specified.

2. The fastening B', having screw-holes in
5 the opposite ends, and the recess *b''* and socket *b'*, formed in part by notch *b'*, to enable the whole to be cast, as specified.

3. The clamp C', with lugs *c c*, and hole *c'*, in combination with a separately-formed fast-

ening, B'', having an opening, *b*, provided with rabbeted edges adapted to receive the lugs *c*, the projection *b'*, and screw-holes, as and for the purpose specified.

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Witnesses:

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