

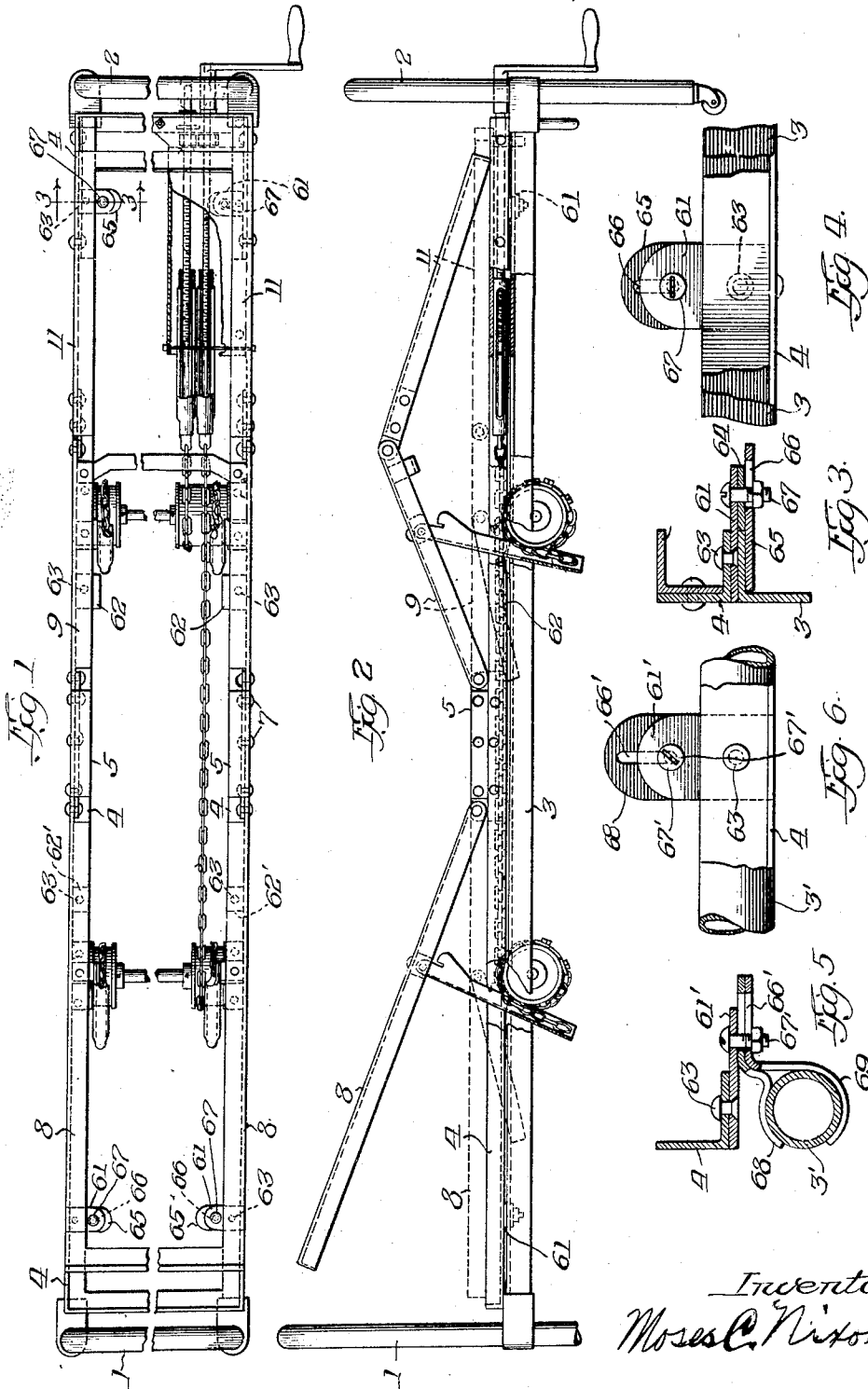
Feb. 7, 1928.

1,658,779

M. C. NIXON

BED OR ATTACHMENT THEREFOR

Original Filed Oct. 3, 1923



Patented Feb. 7, 1928.

1,658,779

UNITED STATES PATENT OFFICE.

MOSES C. NIXON, OF CHICAGO, ILLINOIS.

BED OR ATTACHMENT THEREFOR.

Original application filed October 3, 1923, Serial No. 666,254. Divided and this application filed August 4, 1925. Serial No. 48,122.

This application is a division of my former application Serial No. 666,254, filed October 3, 1923 and the drawings of this application illustrate much shown and fully explained in the original application but not described herein, which is no part of the present invention.

The invention relates to beds or attachments therefor, the objects being to provide means for securing said attachments to bedsteads or other suitable supporting structures, and such other objects as may hereinafter appear; and consists, preferably in the construction hereinafter described.

In the drawings, Figure 1 is a plan view of a bed with present invention shown in connection therewith, the lengthwise central portion broken out to reduce the width and parts broken away to better show a portion of the operating mechanism; Fig. 2 is a side elevation of Fig. 1, with parts broken away to better show portions of the operating mechanism; Fig. 3 is a sectional view of Fig. 1 on line 3—3, showing angle bars as side rails of a bedstead and illustrating means for securing the attachment to said rails; Fig. 4 is a plan view of Fig. 3; Fig. 5 is a modification of Fig. 3, showing a section of a tubular bed rail and means for securing the attachment thereto, and Fig. 6 is a plan view of Fig. 4.

In the drawings similar numerals of reference indicate corresponding parts in the different views, and, referring to the same, 1 and 2 denotes the head and foot respectively and 3 the side rails of a bedstead, and supported thereby is a self-contained independent apparatus of which the frame 4, preferably of angle bars, forms a supporting base, the longitudinally extending sides thereof being adapted substantially to overlie the side rails of a bedstead, or other suitable supporting structure.

In the present case, the frame 4 carries an adjustable sectional frame consisting of a rigidly secured central section 5, body and thigh sections 8 and 9 pivotally attached to the respective ends of the central section, a leg section 11 pivotally attached to the free end of the thigh section and means for adjusting the several pivotally attached sections.

It is frequently the case, that the connections between the side rails and the head and foot of a bedstead are higher than the

side rails and to avoid the same, or other variations, plates 61, 62 and 62' of sufficient thickness to compensate for this unevenness are secured, preferably, to the bottom of the base frame 4 in any suitable manner, as by rivets 63. The plates 61 extend inwardly from the base frame and secured to their underside are spacers 64 (see Fig. 3) of a thickness to conform with the inwardly extending angle of the side rails of a bedstead. Beneath these plates are adjustable plates 65 with elongated holes 66. As the distance between the bed rails differs the attachment is placed upon them in position to equalize their difference and plates 65 are adjusted so one end will rest against the inner-side of the vertical angle of the bed rail and clamped, as by bolts 67, thus securing the attachment centrally and firmly upon the bedstead.

Fig. 5 is a modification of Fig. 3, in which the attachment may be secured to bedsteads with tubular side rails 3'. In this modification, plates 61' are similar and secured to the base frame in the same manner as in Fig. 3, but supports 68 rest upon and fit a tubular or other forms of side rail, and clamps 69 are intended to fit the lower side of said rails, both being provided with elongated holes 66' for adjustment to meet the variation of spacing between points of attachment and are clamped thereto, as by bolts 67'. It is understood, of course, that the number of said plates, supports and clamps may be varied, their forms changed, and that they may be differently placed and secured to meet variations in spacing, forms and positions of the bed rails, or other points of attachment, the intention being to provide for securing a standardized base frame, adaptable to different makes of bedsteads or similar supporting structures, by merely changing the supports and fastenings.

While I have shown and described the preferred embodiment of my invention I do not wish to be limited to the details shown, as it is obvious that changes may readily be made without departing from the spirit of my invention.

What I claim is:

1. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating clamping elements disposed in pairs at each side of said frame and adapted to bear against the upper

and lower sides of the adjacent bed rails, said clamping elements of each pair having registering laterally extending slots, and fastening means extending through said slots for connecting the clamping elements to the respective side frame members whereby the frame may be secured to a bed the rails of which are variously spaced.

2. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating clamping elements each separable from and disposed in pairs at each side of said frame and adapted to bear against the upper and lower sides of the adjacent bed rail, and means for fastening each of the clamping elements to the respective side frame members.

3. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, means at one side of said frame for supporting it on the adjacent bed rail, a pair of cooperating clamping elements disposed at the other side of said frame and adapted to bear against the upper and lower sides of the adjacent bed rail, and means connecting said clamping elements to the adjacent side frame member whereby the clamping elements of each pair are laterally adjustable and may be attached to beds.

4. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, means at one side of said frame for securing it to the adjacent bed rail, a pair of cooperating clamping elements disposed at the other side of said frame and adapted to bear against the upper and lower sides of the adjacent bed rail, both of said clamping elements having registering laterally extending slots, and fastening means extending through said slots for connecting said clamping elements to the adjacent side frame member whereby the frame may be attached to beds the rails of which are variously spaced.

5. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, means at one side of said frame for supporting it on the adjacent bed rail, a pair of cooperating clamping elements each separable from and disposed at the other side of said frame and adapted to bear against the upper and lower sides of the adjacent bed rail, and means for fastening each of said clamping elements to the adjacent side frame member.

6. In combination a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating clamping elements each separable from and disposed in pairs at the sides of said frame and adapted

to bear against opposite sides of the adjacent rail, and means for fastening the clamping elements to said side members, said fastening means being adapted to draw the extending ends of the clamping elements toward each other for clamping the adjacent bed rail and securing the supporting frame thereto.

7. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating elements each separable from and disposed in pairs at the sides of said frame and adapted to bear against opposite sides of adjacent bed rails, and means for fastening the clamping elements to said side members, said fastening means being adapted to cause said elements to clamp the bed rails and secure said frame thereto.

8. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating elements each separable from and disposed in pairs at the sides of said frame and adapted to bear against the upper and lower sides of adjacent bed rails, and means for fastening the clamping elements to said side members, said fastening means being adapted to cause said elements to clamp the respective bed rails thereby furnishing support for said frame.

9. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating elements each separable from and disposed in pairs at the respective sides of said frame and adapted to bear against opposite sides of the adjacent bed rails, and means for fastening each of the clamping elements to their respective side frame members.

10. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, cooperating clamping elements disposed in pairs at each side of said frame and adapted to bear against the upper and lower sides of the adjacent bed rail, means adapted to secure the clamping elements to the side members and permit of their lateral adjustment relative to said members, whereby both clamping elements of each pair are laterally adjustable and may be secured to beds the rails of which are variously spaced.

11. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, means at one side of said frame for supporting it on the adjacent bed rail, a pair of cooperating clamping elements disposed at the other side of said frame and adapted to bear against oppo-

site sides of the adjacent bed rail, both of said elements being laterally adjustable relative to said frame and connected to the adjacent frame member whereby the frame
5 may be attached to the bed.

12. In combination, a supporting frame adapted to substantially overlie the side rails of a bed and having longitudinally extending side members, means at one side of the
10 frame for supporting it on the adjacent bed rail, a pair of cooperating clamping elements disposed at the other side of said frame and adapted to bear against opposite sides of the adjacent bed rails, and means for fastening
15 each of the clamping elements to said side members, said fastening means being adapted to cause said elements to clamp the adjacent bed rail and secure said frame thereto.

13. In combination, a supporting frame
20 adapted to substantially overlie the side rails

of a bed and having longitudinally extending side members, cooperating elements each separable from and disposed in pairs at the respective sides of said frame and adapted to clamp the adjacent bed rails, and means
25 for fastening each of the clamping elements to their respective side frame members.

14. In combination, a supporting frame adapted to substantially overlie the side rails
30 of a bed and having longitudinally extending side members, means at one side of said frame for supporting it on the adjacent bed rail, a pair of cooperating elements disposed at the other side of said frame and adapted
35 to clamp the adjacent bed rail, and means for fastening each of the clamping elements to said side frame member.

MOSES C. NIXON.