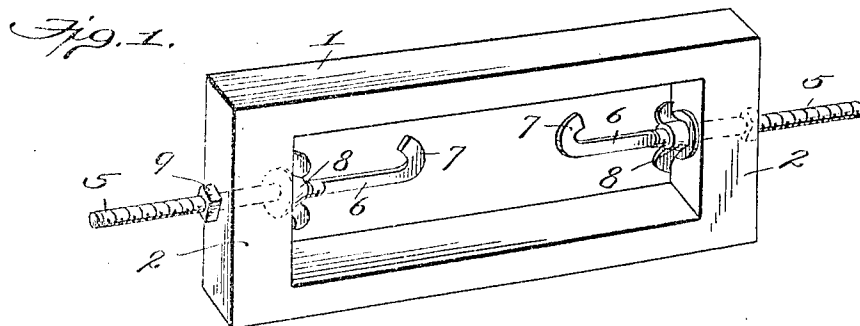
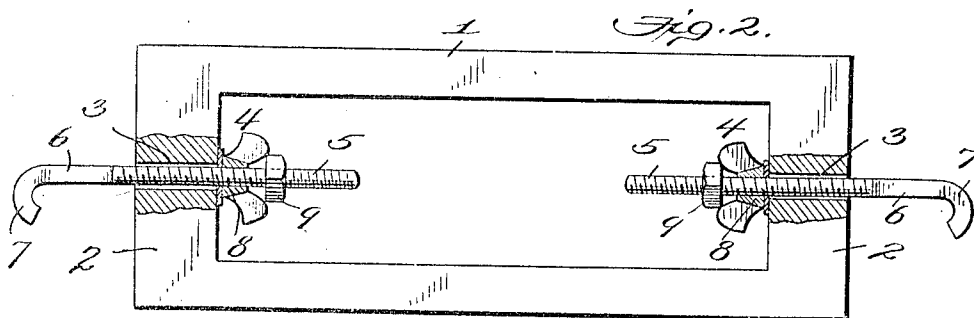
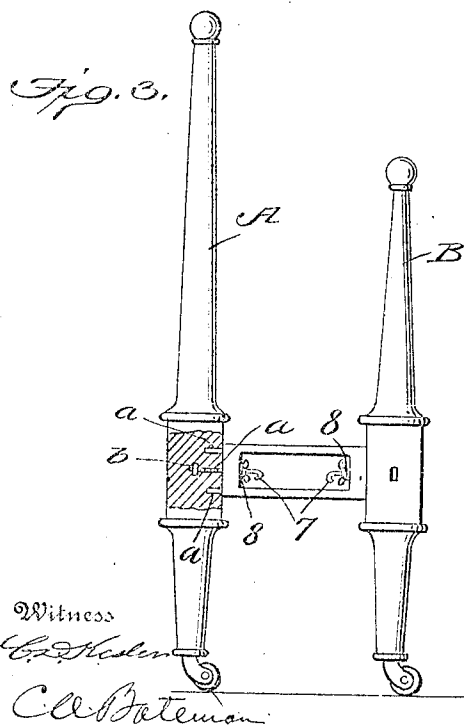
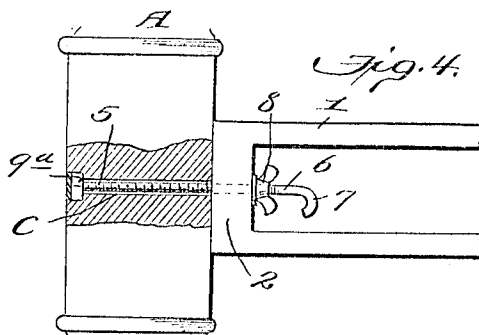
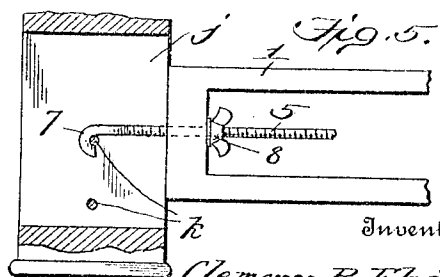


1,292,951.

C. R. EHOFF.
BEDSTEAD ATTACHMENT.
APPLICATION FILED APR. 6, 1918.

Patented Jan. 28, 1919.
2 SHEETS—SHEET 1.



Inventor

Clemense R. Ehoff

By

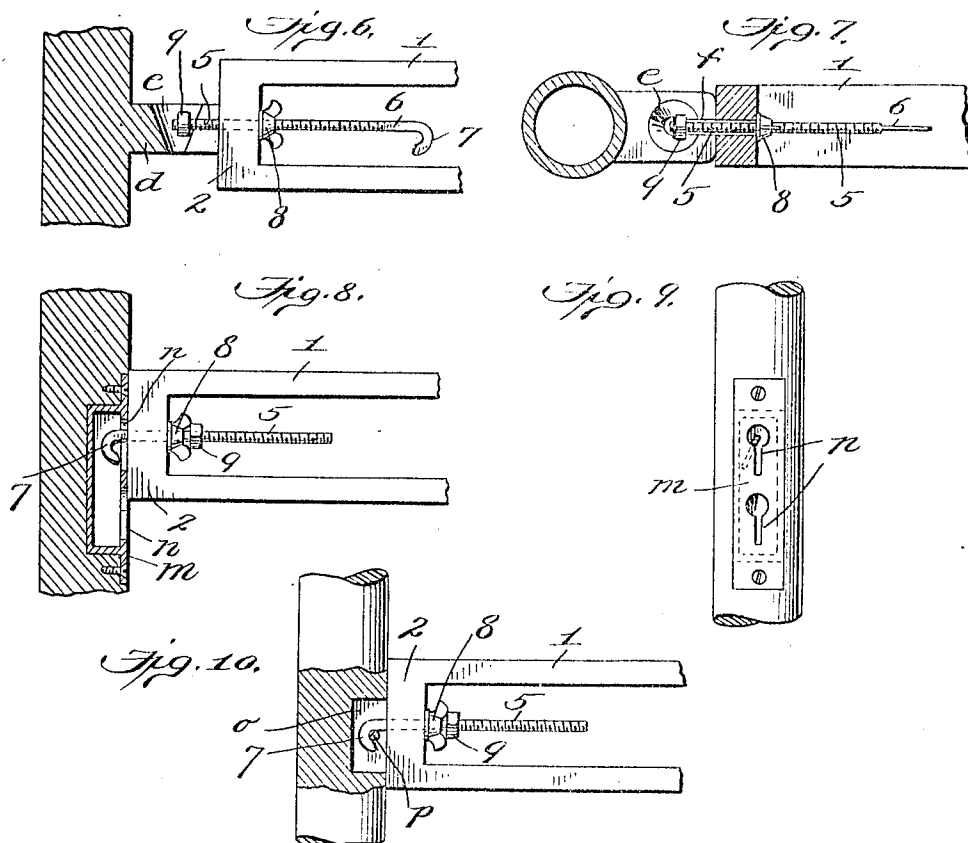
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Attorney

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BEDSTEAD ATTACHMENT.

1,292,951.

Specification of Letters Patent.

Patented Jan. 28, 1919.

Application filed April 6, 1918. Serial No. 227,092.

To all whom it may concern:

Be it known that I, CLEMENSE R. EHOFF, a citizen of the United States, residing at Arlington, in the county of Baltimore and State of Maryland, have invented new and useful Improvements in Bedstead Attachments, of which the following is a specification.

The present invention relates to attachments for fastening together the head and foot sections of beds for display or show purposes, and the primary object of the invention is to provide novel and improved attachments of this character which are applicable universally to the various types of side rail fastenings as used on both metal and wooden beds, whereby a single set of the attachments will serve for all types of beds. Another object of the invention is to provide attachments of this character which are capable of manipulation with facility in applying them to beds having rail fastenings of different types and which embody the necessary parts to cooperate with the rail fastenings on the head and foot sections to secure such sections together without requiring the use of the fastening parts on the side rails, thereby avoiding liability of loss of these parts of the bed.

To these and other ends, the invention consists in certain improvements, and combinations and arrangements of parts, all as will be hereinafter more fully described, the novel features being pointed out particularly in the claims at the end of the specification.

In the accompanying drawings:

Figure 1 is a perspective view of one of the attachments.

Fig. 2 is a side elevation, partly in section, showing the attachment with its fastening devices reversed as compared with the arrangement shown in Fig. 1.

Fig. 3 is a side elevation, partly in section, showing the attachment applied to the head and foot sections of a bed of one type; and

Figs. 4-10 inclusive are detail views showing the applicability of the attachment to the various types of side rail fastenings used upon wooden and metal beds.

Similar parts are designated by the same reference characters in the several views.

The invention comprehends a pair of the attachments which constitute, in effect, short side rails which are placed between the head and foot sections of the bed in the positions usually occupied by the side rails of the bed.

The attachments are preferably duplicates, each comprising a rigid and preferably rectangular frame 1, the ends 2 of which present parallel vertical sides to abut against the head and foot sections of the bed adjacent to the side rail fastenings thereof. The frame has a central opening and its ends 2 are provided with openings 3 through which a pair of fastening devices 4 are adapted to extend. Each fastening device comprises a threaded rod 5 of suitable length and of a diameter to extend loosely through the opening 3, one end of the rod being flattened to form a narrow shank 6, and the extremity of this shank is bent edgewise or in an arc to form a hook 7. A nut 8, preferably a wing nut, is threaded on the rod 5, and an additional nut 9 of ordinary form is also provided. These fastening devices are capable of being reversely fitted in the ends 2 of the frame; that is to say, they may be fitted in the frame as shown in Fig. 1, in which case the threaded ends of the rods project from the ends of the frame to cooperate with certain types of rail fastenings on the head and foot sections of the beds, or, these fastening devices may be applied to the frame as shown in Fig. 2, in which case the hooks project beyond the ends of the frame and are adapted to cooperate with other types of rail fastenings on the head and foot sections of the beds. Reversing of the fastening devices in the frame is accomplished by simply removing the nuts 8 and 9, then reversing the fastening, and suitably placing one or both of these nuts. When the fastening devices are applied to the frame as shown in Fig. 1, the wing nuts 8 occupy positions on the threaded rods 5 at points within the ends 2 of the frame and the plain nuts 9 may be threaded on the rods 5 at the outer sides of the ends 2. When the fastening devices are applied to the frame as shown in Fig. 2, the wing nuts 8 are applied to the threaded rods 5 at the inner sides of the ends 2 of the frame and the plain nuts 9 may also be threaded upon the inner ends of the rods 5.

Fig. 3 shows the attachment applied to the head and foot sections A and B of a bed in which the corner posts of the head and foot sections are provided with holes *a* two of which are adapted to receive a pair of dowel pins on the side rails, and one of these holes is formed with a transverse channel *b* to receive a nut to cooperate with a bolt or

screw on the side rail and thereby fasten the side rail. The frame 1 is placed between the head and foot sections, the fastening devices are extended through the openings 3 in the frame with the hooks on these fastenings arranged at the inner ends thereof, and the threaded rod 5 of each fastening is extended into one of the holes *a* in the corner post of the bed and rotated to engage with a nut in the transverse channel *b*. This nut is preferably the nut 9 of the fastening device, and after it has been suitably engaged upon the rod 5 thereof, the wing nut 8 is rotated to draw the respective end of the frame firmly against the respective section of the bed. In engaging the threaded rod 5 with the nut 9, the hook 7 which then lies within the opening of the frame may serve as a handle through which rotation is imparted to the threaded rod 5.

Fig. 4 shows the attachment applied to a section of a bed which has a bore *c* extending therethrough to receive a bolt or similar type of fastening means for its side rail. In this case, the threaded rod portion 5 of the fastening is extended through the hole *c* in the corner post of the head or foot section of the bed and engaged with a nut 9^a which is countersunk in the outer side of the corner post. Rotation of the wing nut 8 draws the frame 1 into firm engagement with the respective section of the bed.

Figs. 6 and 7 show the attachment applied to a bed in which the corner posts of the head and foot sections are formed with lugs *d*, each lug being provided with a conical socket *e* and a slot *f* extending into the socket. In this case, the frame is placed between the inner ends of the lugs *d*, and the fastening devices which are placed in the frame, as shown in Fig. 1, are so adjusted that the threaded rod 5 at the outer side of the frame extends through the slot *f* in the lug and the nut 9 on this threaded rod is placed within the tapered socket *e*. The wing nut 8 which bears against the inner side of the end 2 of the frame is then tightened, drawing the nut 9 against the side of the socket *e* adjacent to the slot *f*, and the end of the frame is thereby drawn firmly against the end of the lug *d*.

In the arrangements shown in Figs. 5, 8, 9 and 10, the fastening devices are reversed in the frame, the hooks 7 then projecting beyond the ends of the frame as shown in Fig. 2. In Fig. 5, the attachment is shown applied to a bed each corner post of which is formed with a slot *j* and one or more transverse pins *k* to cooperate with hook-like fastenings on the side rails of the bed. In this case, the hook 7 projecting from each end of the frame 1 is engaged with one of the transverse pins *k* of the respective bed section and the wing nut 8 is then rotated in a direction to draw the respective end

of the frame 1 firmly against the inner side of the corner post of the bed section.

In Figs. 8 and 9, the attachment is shown applied to a bed each corner post of which is provided with a plate *m* formed with key-hole slots *n* to receive hook-like fastenings on the side rails, this type of rail fastening being commonly used on wooden beds. In such cases, the hooks 7 projecting from the ends of the frame 1 are passed through one of the key-hole slots in each section of the bed and the hook is then partially rotated, as shown, thus offsetting it relatively to the narrow part of the key-hole slot and bringing the point of the hook into a position to bear against the inner side of the plate *m*. The wing nut 8 is then rotated, drawing the end of the frame 1 firmly against the adjacent face of the bed section.

In Fig. 10, the attachment is shown applied to a bed wherein each corner post is provided at its inner side with a recess *o* and a transverse pin *p* to cooperate with a hook-like fastening on the bed rail. In such cases, the hook 7 projecting from the end of the frame 1 is engaged with the pin *p* in the recess *o*, after which the wing nut 8 is rotated, thus drawing the end of the frame firmly against the adjacent side of the bed section.

By providing a frame having fastening devices of the construction described reversibly applied to its ends, the bed attachments are universally applicable to beds using practically all types of side rail fastenings. Also, the fastening devices of the attachments may be easily and quickly applied and fastened to the head and foot sections of the bed and also reversed to adapt them to beds having side rail fastenings of different types, and the attachments do not require the use of any of the parts of the fastenings on the side rails, in consequence of which loss of such parts is avoided.

I claim as my invention:

1. An attachment for securing together in close proximity the head and foot sections of beds, comprising a frame to fit between the head and foot sections, and fastening devices extending through the ends of the frame and reversible to bring either of their ends to the exterior of the frame, the opposite ends of each fastening device having different types of fastening means thereon to cooperate with the complementary rail fastenings of different types on the bed sections.

2. An attachment for securing together in close proximity the head and foot sections of beds having side rail fastenings of different types, comprising a frame adapted to fit between the bed sections, and fastening devices extending longitudinally through the ends of the frame and reversible therein to bring either of their ends to the outer side

of the frame, each of said fastening devices comprising a rod threaded on one end and having a hook at its opposite end and a nut for said threaded part of the rod.

- 5 3. An attachment for securing together in close proximity the head and foot sections of beds having side rail fastenings of different types, comprising a frame adapted to fit between the bed sections, and fastening devices extending loosely through the ends of
10 the frame and individually reversible endwise therein, each fastening device compris-

ing a threaded rod having a reduced flattened shank bent edgewise to form a laterally offset hook, and a nut to cooperate with the threaded portion of the rod and to clamp
15 against the inner side of the frame.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CLEMENSE R. EHOFF.

Witnesses:

CHAS. S. HYER,
JOHN S. POWERS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."