W. F. WELLMAN.

DETACHABLE BEDSTEAD SIDE.

APPLICATION FILED SEPT. 30, 1913.

1,093,958. **Patented Apr. 21, 1914.**

2 SHEETS—SHEET 1.

Fig. 1.

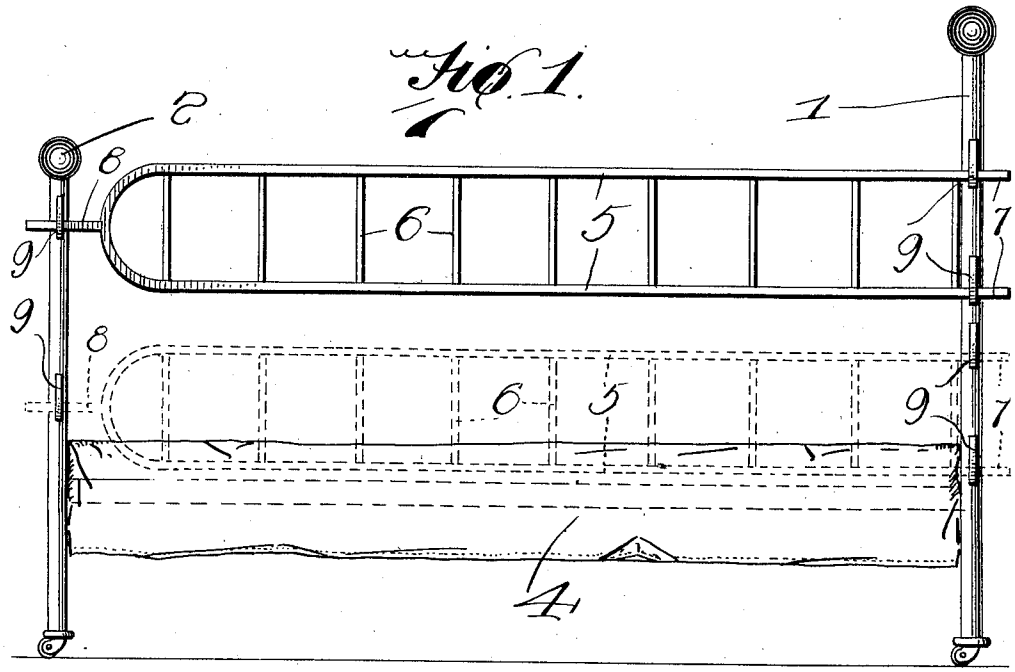


Fig. 4.

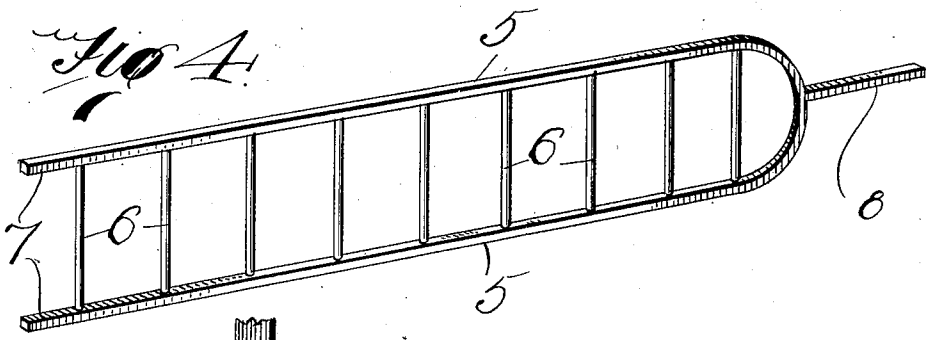


Fig. 5.

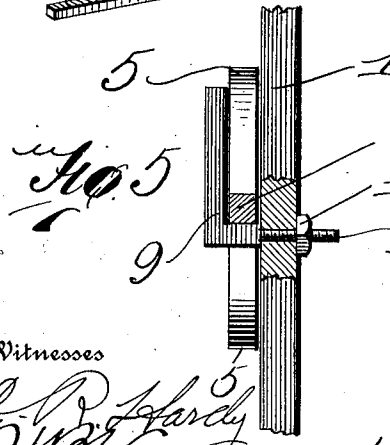
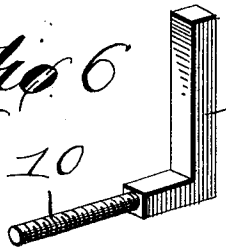


Fig. 6.



Witnesses

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2 SHEETS—SHEET 2.

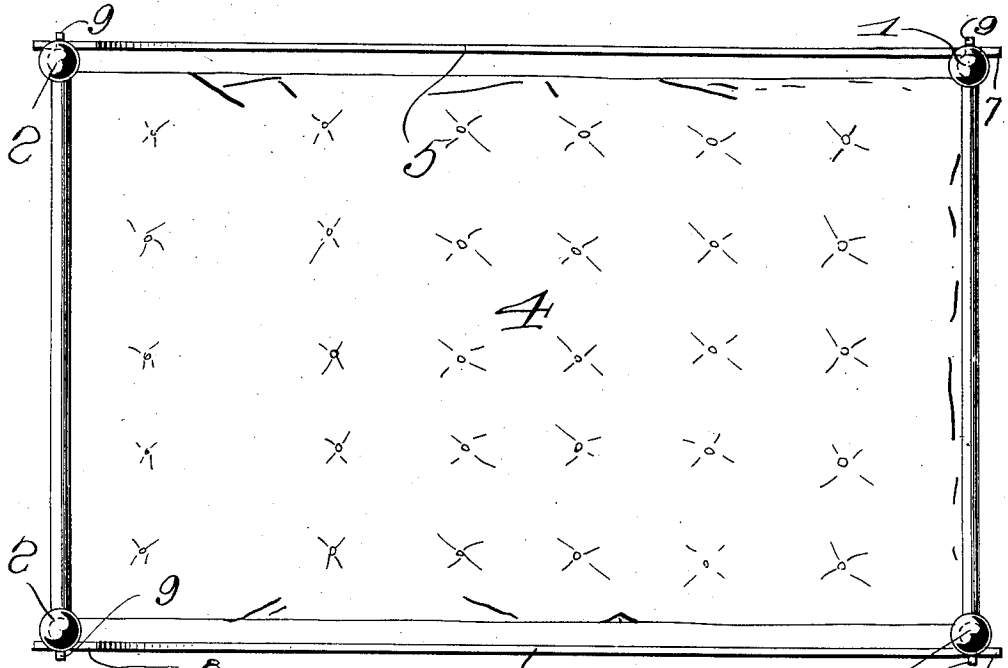


Fig. 2.

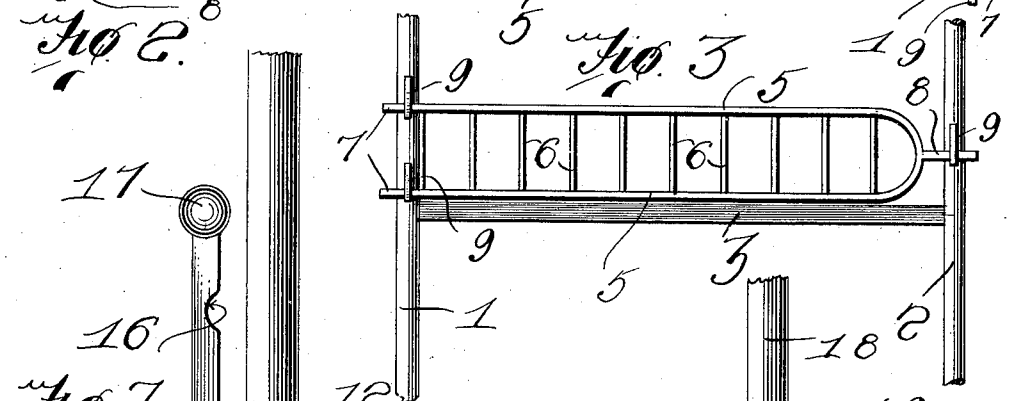


Fig. 3.

Fig. 7.

Fig. 8.

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UNITED STATES PATENT OFFICE.

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DETACHABLE BEDSTEAD SIDE.

1,093,958. Specification of Letters Patent. Patented Apr. 21, 1914.

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To all whom it may concern:

Be it known that I, WILLIE F. WELLMAN, a citizen of the United States, residing at Hoxie, in the county of Sheridan and State of Kansas, have invented certain new and useful Improvements in Detachable Bedstead Sides, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to side rails for bedsteads and the principal object of the invention is the production of an efficient side rail which may be adjustably mounted upon the bed in such a manner as to conveniently hold the clothes thereon or in such a way as to constitute a support for a mosquito net or the like.

Another object of the invention is the production of a simple and efficient clamping means which is adapted to adjustably hold the side rail of the bed in any desired position thereon.

With these and other objects in view this invention consists of certain novel combinations, constructions and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawings:—Figure 1 is a side elevation of a bed showing the detachable sides carried thereby, Fig. 2 is a top plan view of the device. Fig. 3 is a side elevation of a portion of the bed showing the side rails in a lowered position. Fig. 4 is a perspective view of one of the side rails. Fig. 5 is a fragmentary view of a portion of one of the corner posts illustrating how the side rails are held in engagement therewith. Fig. 6 is a perspective view of one of the clamping fingers. Fig. 7 is a side elevation of a slightly modified form of the clamping finger. Fig. 8 is a slightly modified form of the device illustrating how the clamping finger may be adjusted.

Referring to the accompanying drawings by numerals 1 indicates the head posts, and 2, the foot posts of the bed. These posts are connected by the usual braces 3 and are also provided with a mattress and bed clothing 4.

In order to hold the bed clothing 4 in position or for preventing a child or a person from rolling out of a bed, there is provided on each side of the bed a side rail which is held in adjustable engagement therewith. This side rail is formed of a U-shaped body 5, this body 5 being formed from a single strip of material bent intermediate its ends so as to allow the side portions to extend parallel. The usual bracing rungs 6 are carried by the body 5 so as to efficiently brace the same and also to prevent an object from passing therebetween. It will, of course, be noted that the body 5 is provided with the extending ends 7 and elongated arm 8. In order to support this side rail upon the posts 1 and 2, the head post 1 is provided with a plurality of clamping fingers 9 which are formed so as to constitute a substantially L-shaped structure. This clamping finger is reduced so as to constitute an elongated threaded bolt section 10 which passes through the posts 1 of the bed. A nut 11 may then be placed upon the threaded portion 10 of the finger 9 so as to securely hold the same in engagement with the posts. It will be noted that the bolt portion 10 extends for a considerable distance beyond the nut in Fig. 5 for allowing different sized posts to be accommodated. After the nut has been placed thereon, the protruding portion of the bolt portion 10 may be removed.

It will be necessary in using this device to provide the head posts 1 with one or more pairs of the clamping fingers while the foot posts may be provided with only one or more as desired of the clamping fingers. When the side rail is positioned upon the posts the arm 8 will be carried by the clamping finger 9 which is attached to one of the posts 2 while the ends will be carried by a pair of the clamping fingers 9 carried by the posts 1. When the side rail is carried in the position as illustrated in Fig. 3, the bed clothes will be prevented from rolling up and falling off the bed and moving out of position, or a person or child will be prevented from falling out of the bed as the rungs 6 will hold the person and prevent him from falling. If, however, it is desired to use the side rails to support a mosquito net, each side rail may be raised as in Fig. 1, so as to allow the arm 8 to be carried by the pair of clamping fingers of the posts 2 while the ends 7 will be carried by a pair of the clamping fingers of the posts 1. A net may be then thrown over the side rails so as to extend down and engage the bed posts 2 for preventing the mosquito from entering thereunder.

By referring to Fig. 7 it will be noted that the posts 12 may be provided with a

slightly modified form of clamping finger 13, this finger 13 being held in position by means of the threaded portion 14 and nut 15. This clamping finger is, however, provided with the notches 16 which are adapted to receive either the arm 8 or the ends 7 of the side rail. After the rail has been placed in position and a nut placed upon the threaded portion 14 the side rail will be securely clamped in position and will be held against any accidental upward movement. This finger 13 is also provided with a round head 17 at its upper portion which is adapted to prevent the rail from accidentally moving from engagement therewith provided the finger should accidentally become loosened. If this finger should become loosened and the rail is moved upwardly it will strike upon the head 17 and will be prevented from moving from engagement with the finger. By using this form of device, it will be seen that if the bed is used for a child and the side rail is accidentally hit, the rail will not move upwardly far enough to allow the child to fall from the bed.

In Fig. 8 the post 18 is provided with a slot 19 wherethrough passes the threaded bolt portion 10 of the clamping finger 9. In this manner it will be seen that if it is only desired to move the rail upward for a short distance, the nut may be loosened and the finger moved upwardly within the slot 19. In this manner the rail may be adjusted according to the thickness of the bed clothes by moving the finger within the slot 19.

From the foregoing description it will be seen that a simple and efficient means has been produced for retaining the bed clothes upon the bedstead and at the same time may be easily adjusted for supporting a mosquito net if desired.

Having thus described the invention, what is claimed, is:—

1. In a device of the class described the combination with a bedstead having corner posts, L-shaped clamping fingers carried by said corner posts, said fingers provided with a threaded bolt portion, said bolt portion adapted to pass through one of said posts and receive the nut for holding the fingers in engagement with the posts, and side rails detachably carried by said clamping fingers.

2. In a device of the class described the combination with a bed having corner posts, L-shaped clamping fingers detachably carried by said posts, side rails carried by said fingers, each of said side rails comprising a U-shaped body having spaced rungs positioned therebetween, an arm extending from one end of said U-shaped body, said arm adapted to be engaged by one of said clamping fingers, and the outer end of said U-shaped body adapted to be engaged by a plurality of said clamping fingers for holding said side rail in position upon the posts.

3. In a device of the class described the combination with a bed having corner posts, L-shaped clamping fingers carried by said corner posts, said fingers each provided with a plurality of notched portions, side rails carried by said clamping fingers, said side rails adapted to be engaged by said notched portions whereby said side rails will be held in a clamped engagement with said clamping fingers, and said posts, said clamping fingers each provided at its upper portion with an enlarged round head adapted to prevent the accidental removal of said rails from engagement therewith provided the clamping fingers become accidentally loosened.

4. In a device of the class described the combination with a bed having corner posts, each of said posts provided with a vertical slot, clamping fingers carried by said posts, said clamping fingers provided with threaded bolt portions passing through said slots, side rails carried by said clamping fingers, means for holding said clamping fingers within said slots, said fingers adapted to move upwardly or downwardly within said slots for adjusting the height of the side rails, as described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

WILLIE F. WELLMAN.

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