M. B. OKUN.

BEDPOST FASTENER.

APPLICATION FILED AUG. 6, 1917.

1,337,150.

Patented Apr. 13, 1920.

2 SHEETS—SHEET 1.

Fig. 1.

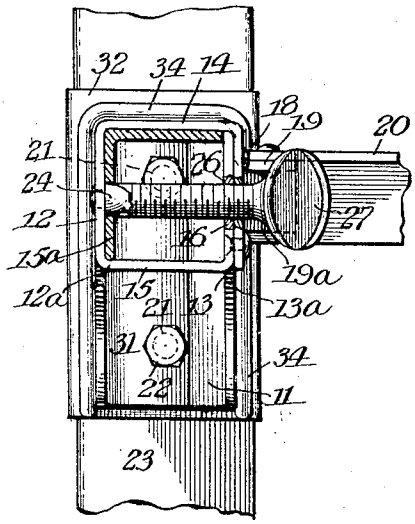


Fig. 2

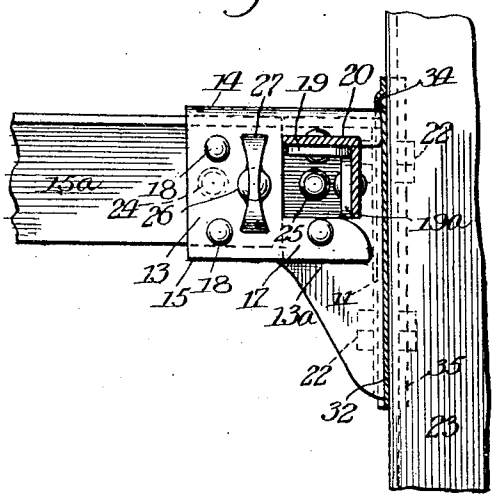


Fig. 4.

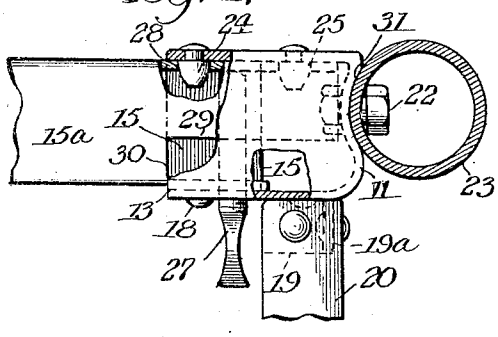
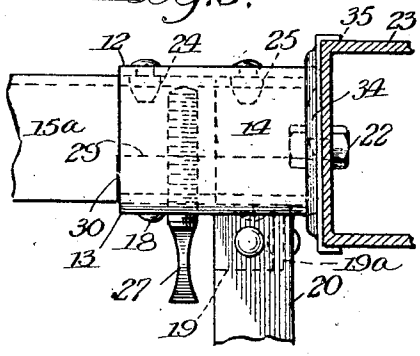


Fig. 3.



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2 SHEETS—SHEET 2.

Fig. 5.

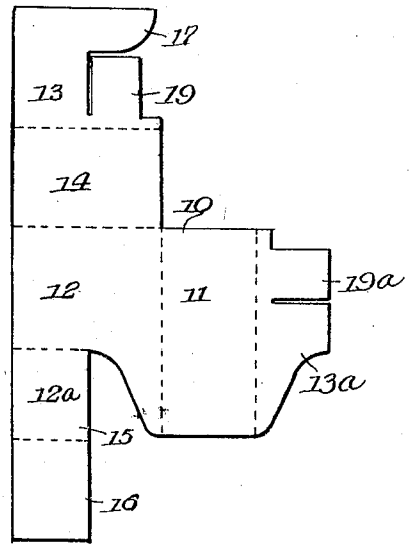


Fig. 8.

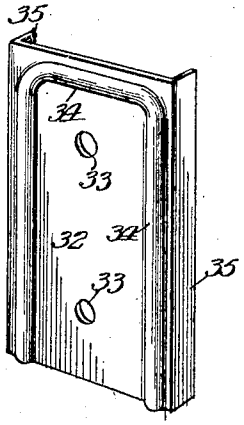


Fig. 7.

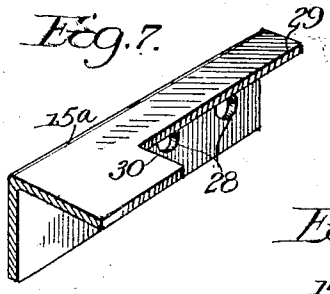


Fig. 9.

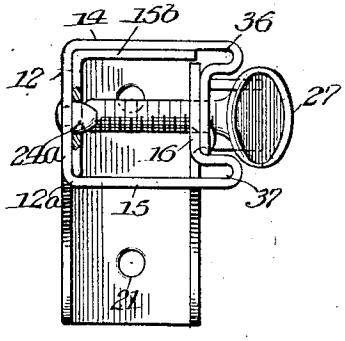
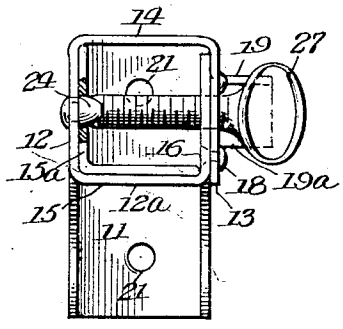


Fig. 6.



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UNITED STATES PATENT OFFICE.

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BEDPOST-FASTENER.

1,337,150. Specification of Letters Patent. Patented Apr. 13, 1920.

Application filed August 6, 1917. Serial No. 184,597.

To all whom it may concern:

Be it known that I, MORRIS B. OKUN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Bedpost-Fasteners, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

The invention relates to bed post fasteners, and has for its object the production of a device of this class which is sanitary and can either be stamped from a blank sheet of metal or be cast into the desired form; and which will be adaptable for use in connection with either a round or square bed post.

It is an object of the invention to produce a construction which will permit the introduction of the side rail into the fastener in an endwise manner and to lock the same against removal or movement with relation thereto, and also to permit the reversal of said side rail when occasion demands.

An added object is to produce these and other advantages in a simple and effective manner without resulting in a corresponding reduction in efficiency.

The invention will be more readily understood when read in conjunction with the accompanying drawings, in which—

Figure 1 is an end elevation of the device applied to a square bed post;

Fig. 2 is a side elevation thereof;

Fig. 3 is a top plan view of the device shown in Figs. 1 and 2;

Fig. 4 is a top plan view showing the device applied to a round or tubular bed post;

Fig. 5 is a view of a blank from which the device shown in Figs. 1, 2 and 3 is formed;

Fig. 6 is an end view similar to Fig. 1 showing the side rail held in reversed position;

Fig. 7 is a detail perspective view of a side rail;

Fig. 8 is a perspective view of a plate employed to adapt the structure shown in Fig. 4 to that of Figs. 1 and 3, and

Fig. 9 is an end view of a modified form of construction.

The embodiment of the invention shown in the drawings is comprised of a plate 10 which is bent and formed to produce the rear wall 11, the side walls 12 and 13 and the top 14. The wall 12 is provided with a tongue 12^a, the portion 15 of which is bent at right angles to the wall 12 and extends to the wall 13 where it is again bent to produce the portion 16 which is connected thereto by the rivets 18, 18. The portion 15 besides adding strength to the device also acts as a guide and rest for the side rail 15^a while the same is being inserted or removed therefrom. The wall 13 is provided with a portion 17 which is connected to the part 13^a of the rear wall 11. These portions 13, 16, 17 and 13^a are either spot welded or riveted together, as found desirable. The portions 13 and 13^a are each provided with a projecting tongue 19 and 19^a respectively, to which is secured the end rail 20 of a bed structure. The side wall 13 and the portion 16 are each provided with a screw threaded aperture 26 to receive the thumb screw 27 which is of a length sufficient to reach the side wall 12. This thumb screw acts to hold the side rail 15^a against removal from the shouldered studs 24 and 25 which project inwardly from the side wall 12 and enter apertures 28 provided in one flange of the side rail 15^a.

The thumb screw, studs 24, 25, and apertures 28 coöperate to securely hold the side rail 15^a in position when the studs are passed through the apertures and the thumb screw is set.

By referring to Fig. 7 it will be seen that one flange of the side rail 15^a is provided with a cutaway portion 29 which is provided for the purpose of permitting the side rail 15^a to be moved toward the wall 13 sufficiently to clear the studs 24 and 25 when the end of the rail is being inserted into the device and to permit said end thereof to be removed from the studs after the thumb screw has been unscrewed to a position to permit of this.

By referring to Fig. 3 it will be seen that the edge 30 of the rail 15^a abuts against the edge of the wall 13 which limits the inward motion of and acts to guide the end of the rail over the studs 24 and 25, thereby adding to the ease with which same may be positioned for use. The edge 30 of this cutaway portion 29 is of a somewhat greater dimension than the length of the studs 24 and 25. Consequently the rail 15^a may be readily released from the studs when this is desired. The rear wall 11 will be pro-

vided with the apertures 21, 21 through which are passed the bolts 22, 22, whereby the device is held in position. This rear wall is constructed to produce the recessed portion 31 which permits the device to be applied to a round bed post when so desired. An arrangement is employed which eliminates the necessity of resorting to the use of a separate fastener when one having the recess 31 is desired to be applied to a square bed post. When this is desired a plate 32 is utilized which is interposed between the bed post and the device formed by the blank 10. This plate is provided with apertures 33 which correspond to those in the rear wall 11. This plate will further be provided with a flange such as 34 which extends forwardly sufficiently to conceal the recessed portion 31 and also to surround the walls 12, 13 and 14. This plate 32 is also provided with the rearwardly projecting flanges 35, 35, which engage the side faces of the post 23.

From this it will be seen that an arrangement is provided which eliminates the necessity of resorting to different devices when bed posts of different forms are to be supplied with fasteners having the various features of that shown and described.

In the modified form shown in Fig. 9, one wall of the device is provided with the laterally extending recessed portions 36 and 37 arranged one above the other. In this structure an ordinary angle iron side frame will be utilized instead of resorting to a specially designed frame such as shown in Fig. 7. The portions 36 and 37 produce the necessary space to permit the side rail 15^b to be moved sidewise sufficiently to insert or withdraw it from the studs 24^a. When the side rail is desired to be removed from this or the device shown in Figs. 1 to 4, the thumb screw 27 will be unscrewed sufficiently to let the apertured side wall of the side rail pass between it and the studs 24 and 25. When thus arranged, the end rail may be moved lengthwise of the studs and then passed over the same and removed therefrom.

By referring to Figs. 2, 3 and 4, it will be seen that the strap 15 is of a width which is somewhat less than the length of the device, consequently producing an open portion, eliminating the possibility of permitting dirt or dust from lodging therein, thus producing a device which is more sanitary and vermin proof.

It will further be seen by referring to Fig. 6 that the side frame may be arranged in a manner reverse to that shown in Fig. 1, and that by unscrewing the thumb screw 27 the side rail may be released from the studs 24 and 25, and removed from the device when the bed is desired to be taken down.

Having thus described means for carrying out my invention, what I claim as new and desire to secure by Letters Patent is:

1. A device of the class described comprising in combination a member constructed to be secured to a bed post, and a rail constructed to be secured thereto, said member having side walls, one of said side walls being provided with inwardly projecting studs to engage said rail, and a screw arranged in the opposite wall to clamp the rail against the side wall having the studs.

2. A device of the class described comprising in combination a member constructed to be secured to a bed post, said member having side walls, a rail constructed to be secured thereto, apertures in said rail, one of said side walls being provided with inwardly projecting studs arranged to enter the apertures in said rail, and a screw arranged to clamp said rail with relation to said member.

3. A device of the class described comprising in combination a member constructed to be secured to a bed post and having side walls, a rail constructed to be secured thereto, apertures in said rail, one of said side walls being provided with inwardly projecting studs arranged to clamp said rail with relation to said member, said side rail being provided with means whereby said side rail may be moved with relation to said studs to permit its removal therefrom.

4. In combination with a bed post and a rail, a member mounted on the post and having two opposing walls spaced apart so as to be capable of receiving said rail between them, a stud rigid with one of said walls, means on the opposite wall adapted to clamp the rail in holding engagement with said stud, and means to permit lateral movement of the rail in the member out of engagement with said stud.

5. In combination with a bed post and an angle iron side rail provided with a recess, a member mounted on the post and having two opposing vertical walls spaced apart so as to be capable of receiving said rail between them, a part rigid with one of said walls adapted to engage in the recess, a member on the opposite wall adapted to directly engage one leg of the rail to clamp the rail in holding engagement with said part, and means to permit said rail to move laterally in said first named member out of engagement with said part.

6. In combination with a bed post and an angle iron side rail, a member mounted on the post and having opposing vertical walls spaced apart so as to be capable of receiving said rail reversibly between them, a part rigid with one of said walls, a member on the opposite wall adapted to directly engage one leg of the rail to clamp the rail in holding engagement with said part, and means to permit said rail to move laterally in said

first named member out of engagement with said part.

7. A device of the class described comprising in combination a member constructed to be secured to a bed post, and a rail constructed to be secured thereto, said member having side walls, one of said side walls being provided with an inwardly projecting stud to engage said rail, and a screw arranged in the opposite wall to clamp the rail against the side wall having the stud.

8. A device of the character described comprising a bed post, a rail, a member secured to the post and having a rectangular opening to reversibly receive the rail, two studs on the member within the opening, a recess in the end of the rail for engaging the innermost stud, a second recess in the rail for engaging the second stud, and means to clamp the rail in position on the studs.

9. A device of the character described comprising a post, an angle iron rail, a member secured to the post, projections formed on the member, recesses formed in one leg of the rail, and means for engaging said leg of the rail to clamp the rail to the member with the projections positioned in the recesses, said member being so constructed as to permit the rail to be moved laterally in said member out of engagement with the projections.

In witness whereof, I hereunto subscribe my name this 1st day of August, A. D., 1917.

MORRIS B. OKUN.