

J. F. KAMPE.
BED PROTECTOR.
APPLICATION FILED NOV. 26, 1910.

1,017,153.

Patented Feb. 13, 1912.

Fig. 1.

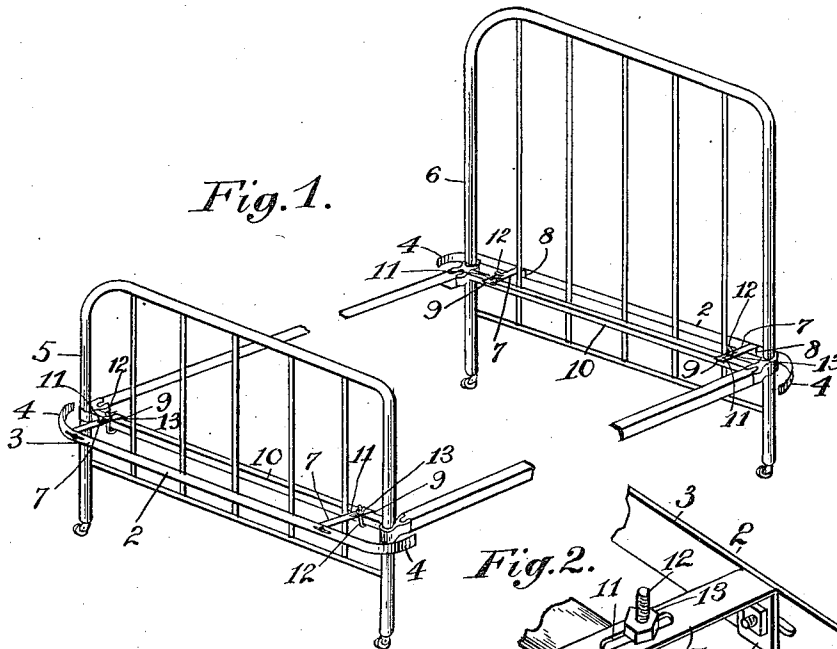


Fig. 2.

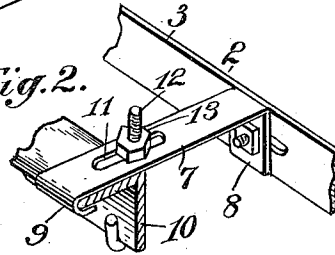


Fig. 3.

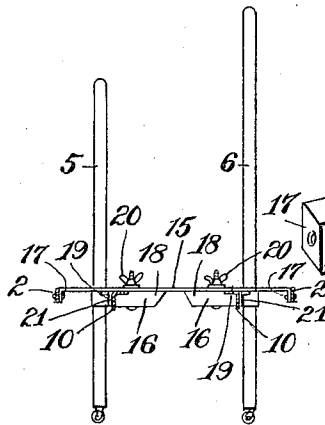


Fig. 4.

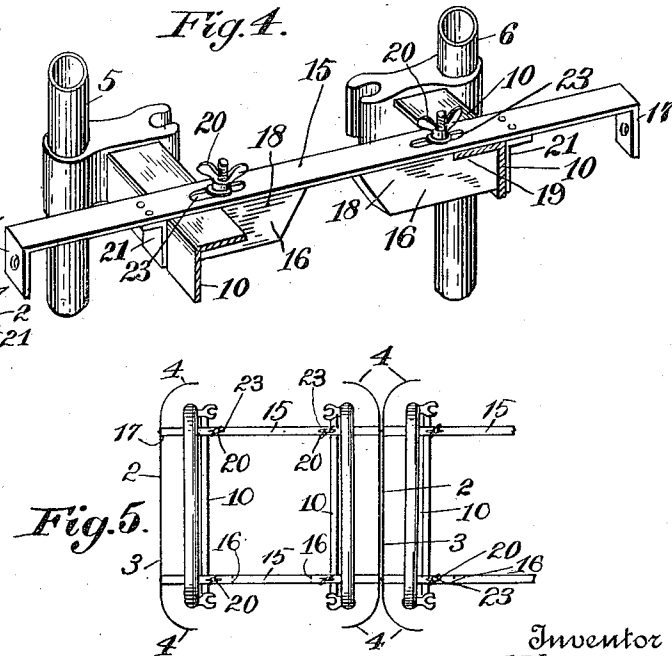
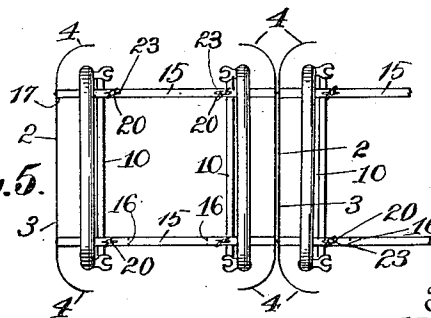


Fig. 5.



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UNITED STATES PATENT OFFICE.

JOHN F. KAMPE, OF BROOKLYN, NEW YORK.

BED-PROTECTOR.

1,017,153.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN F. KAMPE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bed-Protectors, of which the following is a specification.

This invention relates to bed attachments, the object of the invention being to provide an attachment for the head and foot members or boards of beds by means of which the injuring, mutilation and marring of these members when on the floor for exhibition purposes is avoided, one of the features of the invention being to provide an improved attachment simple in construction, readily attached, and inexpensive to manufacture and which will act as an efficient guard, protector or buffer to prevent the head or foot member of one bed from striking a similar member of another bed, especially when the head and foot members are made up of brass tubing or similar ornamental structures.

In the drawings accompanying and forming part of this specification, Figure 1 is a perspective view of an ordinary metal formed bed having one form of this improved buffer attachment secured thereto, the structure being shown with the ordinary short side bars usually used when the same is displayed on the floor of a salesroom or store room; Fig. 2 is a perspective detail view of one portion of one of these buffer attachments; Fig. 3 is a side, partly sectional, view illustrating a somewhat different form of this improved attachment; Fig. 4 is an enlarged detail perspective view illustrating the form of the attachment shown in Fig. 3; and Fig. 5 is a plan view illustrating the action of this improved attachment in the shifting of two beds into engagement.

In practice the ordinary metal beds when placed upon the floor of a salesroom or store room have the head and foot members thereof connected by short side bars, so that the structure will not take up any unnecessary room, and in the shifting of these structures around for show or other purposes the head or foot of one structure frequently knocks against a similarly formed part of another structure or bed, often very much marring and damaging both structures, especially when formed of brass tubes or other ornamental posts or members. To prevent this, this improved attachment is provided.

In the form shown in Figs. 1 and 2 the attachment consists of a buffer member 2 comprising a metal strip or bar 3 having curved ends 4 adapted to project around the end posts of the head or foot board or member 5 or 6. This member 2 is maintained spaced apart and away from the head or foot board by brackets 7 having bent ends 8 adapted to be bolted to the buffer member 2. The opposite end of each bracket,—two being sufficient for each head or foot member,—is hook-shaped as at 9 and adapted to hook over the edge of the angle members 10 carried at the head and foot of the bed. Each bracket 7 is provided with an elongated slot 11 for the reception of a hook bolt 12, the hook end of which extends under the vertical portion of the angle bar 10, being clamped thereto by a nut 13 carried on the threaded end of such hook bolt in a manner very clearly shown in Fig. 2. One of these brackets is located adjacent to each end of the angle bar and thus supports the buffer member outside of the head or foot board, so that the buffer member will be spaced apart from the head or foot member carrying it, with the curved end thereof in position to extend around and protect the posts. It will be understood, of course, that one of these buffer members is carried at the head and one at the foot of each bed.

As the mattress supporting side bars and the angle bars hereinbefore referred to in all beds are of substantially the same height, it follows that when each bed is provided with a pair of buffer attachments of the character shown the buffer attachment of one structure will engage that of another in the manner shown in Fig. 5 when one or more of the beds are moved around on the floor.

In the form shown in Figs. 3 and 4 this improved buffer attachment is secured to the side bars instead of to the angle bars at the ends of the bed. In other words, the short side bars used when the structure is displayed on the floor are done away with and in place thereof short side bars of an improved form provided. These side bars each comprise a horizontal member 15 having a pair of clamping members 16 adapted to engage the end angle bars or members 10, so that in place of the brackets 7 hereinbefore referred to the buffer attachment may be secured directly to the ends of the side bars, which project beyond the head and foot

boards in the manner shown in Figs. 3 and 4. These horizontal side bars are provided with depending bent ends 17 to which the buffer attachments or bars 2 are attached in the same manner as they are shown in Fig. 1 to the brackets 7. Each of the clamping attachments 16 comprises a pivotal block 18 having a rabbet 19 adapted to project under the horizontal portion of the angle bars 10, being secured in clamping position relative thereto by a suitable thumb nut 20 carried by a threaded end of a bolt projecting from the clamping block 18 and through an elongated slot 23, by means of which the clamping block can be slipped back and forth into position and by means of which also the head and foot boards can be brought closer together or placed farther apart, as may be desired. Riveted to the side bar so as to engage the opposite side of the depending portion of the end angle bar 10 is a clamping member or bracket 21.

By securing the side bars to the end angle bars 10 in the manner shown in Figs. 3 and 4, one adjacent to each side of the bed, in place of the ordinary side bars, it will be observed that the ends carrying the depending portions 17 of the side bars project beyond and outside of the head and foot boards or members of the bed and in position to receive the buffer attachments 2 hereinbefore referred to, which are bolted to the ends 17 in the manner specified.

In both forms of the improvement the buffer attachment is provided with an elongated slot at the points where it is clamped either to the brackets shown in Fig. 1 or to the ends of the side bars, so that the brackets 7 in the form shown in Fig. 1 may be moved toward and from each other along the end angle bars 10 or the short side bars shown in Figs. 3 and 4 slipped toward and from each other if desired.

I claim as my invention:

1. In combination with a bed, a protecting means located at the outside of and spaced from the head or foot member thereof for protecting such head or foot from knocks, said protecting means projecting beyond but terminating adjacent to the end posts of such head or foot member.

2. In combination with a bed, a protecting attachment located at the outside of and extending in the same direction as and spaced from the head or foot member thereof at substantially the height of the spring mattress supporting means of the bed, said attachment projecting beyond but terminating adjacent to the end posts of said head or foot member.

3. In combination with a bed, a protecting attachment located at the outside of and running across and spaced from the head or foot member thereof and comprising a bar secured to the bed and having curved pro-

tecting ends terminating adjacent to the posts of said head or foot member.

4. In combination with a bed having angle iron members, a protecting attachment located at the outside of and extending in the same direction as the head or foot member thereof and comprising a bar secured to such angle iron members of the bed, said bar projecting beyond but terminating adjacent to the end posts of said member.

5. In combination with a bed having a head and a foot member, a protecting attachment located at the outside of and extending in the same direction as the head or foot member thereof, and adjustable means for attaching it in position on a transverse angle iron bar of said head and foot members.

6. In combination with a bed comprising a head and a foot and having transverse bars, side bars adapted to be clamped to said transverse bars and provided with projecting portions extending beyond the head and foot, and a protecting member secured to said projecting portions.

7. In combination with a bed comprising a head and a foot and having transverse bars, and side bars adapted to be adjustably clamped to said transverse bars and provided with projecting portions extending beyond the head and foot, and a protecting member secured to said projecting portions.

8. In combination with a bed comprising a head and foot and transverse bars, short side bars clamped to said transverse bars, each of the clamping means comprising a pair of clamping devices adapted to engage the transverse bars, each of said side bars having projecting portions extending beyond the head and foot, and protecting members comprising bars clamped to said projecting portions and having curved ends.

9. In combination with a bed comprising a head and foot and transverse bars, short side bars clamped to said transverse bars and one shiftable toward and from the other, each of the clamping means comprising a pair of clamping devices adapted to engage the transverse bars, each of said side bars having projecting portions extending beyond the head and foot, and protecting members comprising bars clamped to said projecting portions and having curved ends.

10. A detachable bed guard comprising a member adapted to be attached to the head or foot of a bed and detachable means for securing the said member outside of and spaced from the head or foot thereof.

11. A bed protector for a metallic bed comprising a bar adapted to be attached outside of and extending in the same direction as the head or foot thereof, and adjustable means for attaching it to the bed.

12. A bed protector comprising a pair of side bars adapted to be attached to the bed

and each having projections adapted to extend beyond the head and foot of the bed, and protecting bars secured to said projections.

5 13. A bed protector for a metallic bed comprising a pair of side bars adapted to be attached to the bed and each having projections adapted to extend beyond the head and foot of the bed, and protecting
10 bars secured to said projections, each of

said side bars carrying clamping means adapted to secure it to transverse angle bars of the bed.

Signed at 1822 Park Row Building, New York, N. Y., this 21st day of November, 1910.

JOHN F. KAMPE.

Witnesses:

F. E. BOYCE,
J. F. PURCELL.

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