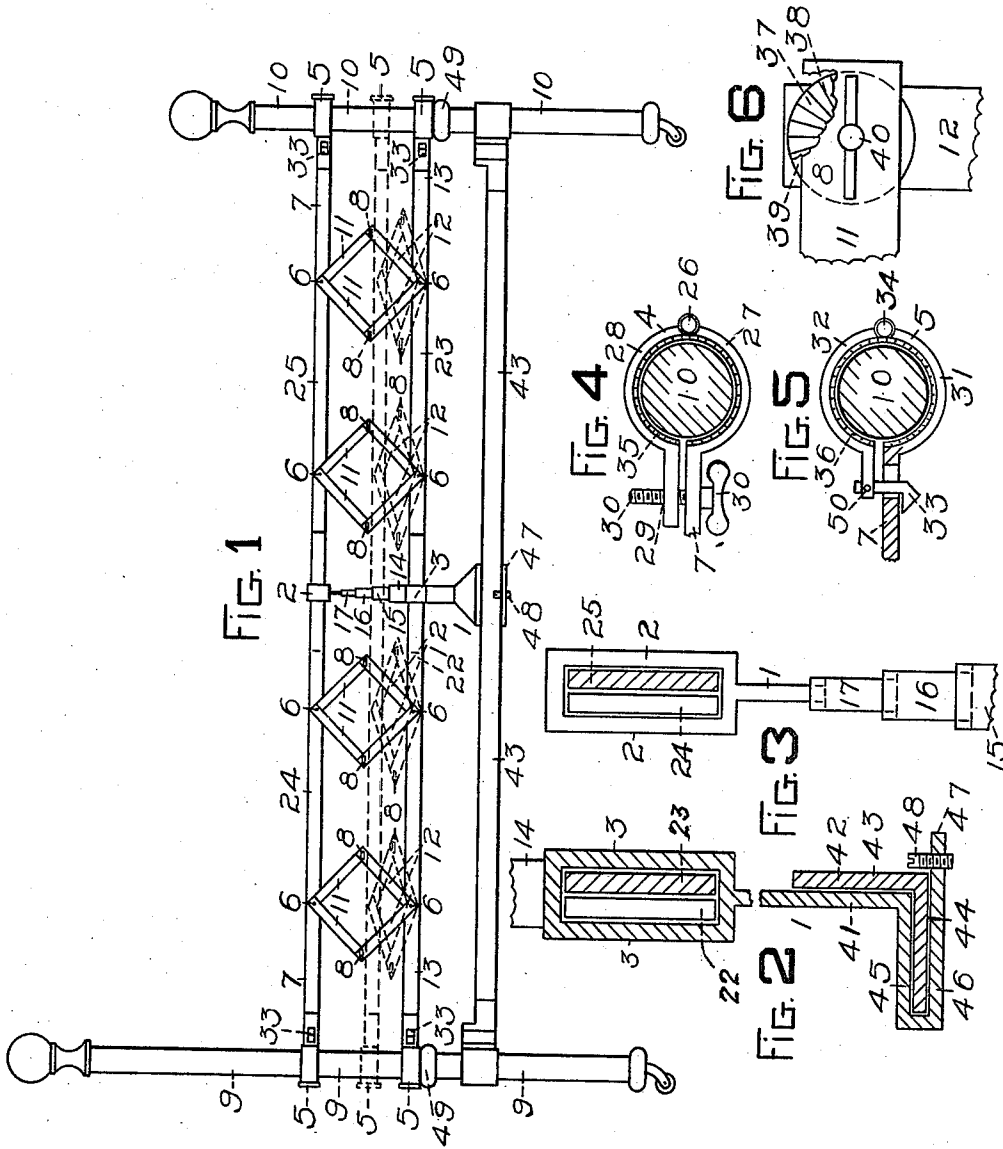


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 AUXILIARY SIDE RAIL FOR BEDSTEADS AND SIMILAR APPLIANCES.
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AUXILIARY SIDE RAIL FOR BEDSTEADS AND SIMILAR APPLIANCES.

1,059,515.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARY BARR, a citizen of the United States, residing at Colorado Springs, in the county of El Paso and State of Colorado, (and whose post-office address is 110 East Pikes Peak avenue, in care of John F. Mullaney,) have invented new and useful Improvements in Auxiliary Side Rails for Bedsteads and Similar Appliances, of which the following is a specification.

My invention relates to a removable auxiliary side rail to be placed above the regular side rail of the bedstead and detachably secured to the bed posts by means of clamps at the ends of the auxiliary rails, clasping the bed posts. And the objects of my invention are, first, to provide an auxiliary protecting rail to hold the bed clothes in proper place above the main bed rail 43; second, to provide an auxiliary rail to hold the bed clothes in proper place while being used; and third, to provide means for protecting the occupants of the bed from rolling out. I obtain these objects by the mechanism and appliances illustrated in the accompanying drawing, in which—

Figure 1, is an upright side view of a common bedstead with my auxiliary protecting rail attached. Fig. 2, is a section of the lower part of the center post 1. Fig. 3, is an upright view of the upper part of the center post 1. Fig. 4, is a top view of the hinged screw clamp 4. Fig. 5, is a top view of the hinged hook clamp 5. Fig. 6, is an upright side view of one of the hinges 8, 8, in detail.

Similar letters refer to similar parts throughout the several views.

The auxiliary rail may consist of the two-piece lower rail 13, only, or it may have its parallel partner rail the two-piece top rail 7, adapted to collapsibly fold down to the lower rail 13, as shown in Fig. 1, by releasing the thumb screws 40, 40, at the pantographs.

The two-piece lower rail 13, consists of the outside bottom section 22, and the inside bottom section 23, the first provided to slide in the outer slot 19, in Fig. 2, and the other to slide in the inner slot 18, in Fig. 2, of the bottom bar holder 3, of center post 1, while the top bar holder 2, of center post 1, as shown in Fig. 3, is outer slot 21, provided to hold the outside top section 24, of the two-piece top rail 7, and the inner slot 20, provided to hold the inside top section 25, of

the two-piece top rail 7. The two-piece rails 7, and 13, are connected by pantographs provided to collapse when desired so as to lower the top rail 7, without disturbing the lower rail 13. Each of these pantographs have their two upper bars 11, 11, pivotally secured to the top rail 7, and their two lower bars 12, 12, pivotally secured to the lower rail 13. The clamping joints 8, 8, connecting each pair of bars 11, and 12, are provided with a metal rosette 37, on each of the arms 12, 12, and a metal rosette 39, on each of the arms 11, 11, and each of these metal rosettes have corrugations 38, 38, adapted to mesh together to prevent rotary sliding of their faces upon each other when rigidly clamped together by means of the clamping screws 40, 40, to prevent the collapsing of their respective pantographs which then rigidly support the top rail 7, upon the bottom rail 13, and keep them at the desired distance apart. These pantographs are pivotally secured at 6, 6, to their respective rails. In the collapsing of these pantographs and the bringing together of rails 7, and 13, it is required that a collapsible provision be made in the center post 1, which is done by applying the principle of telescoping the parts 14, 15, 16, and 17, of the center post 1, as shown in Fig. 1, and Fig. 3. The foot of center post 1, has an upright angle part 41, connecting the bottom bar holder 3, with the upper horizontal angle part 45, of the foot which rests upon the horizontal angle part 44, of the bed rail 43, while the bottom horizontal angle part 46, of the foot of the center post 1, passes horizontally beneath the horizontal angle part 44, of the bed rail 43, and extends outward about a quarter of an inch past the outer face of the upper angle part 42, of the bed rail 43, and is provided with a locking screw key 48, passing down through the bottom horizontal angle part 46, between the horizontal projecting end 47, and the bed rail 43, to prevent the center post from becoming detached.

In Fig. 1, the bed posts 9, and 10, are represented as circular columns and the rails 7, and 13, are secured thereto at their ends by means of the hook clamp 5, shown in detail in Fig. 5, in which 31, is the bowed part of the clamp and is integral with the rail 7, and at 34, is pivotally hinged the swing part 32, of clamp 5, provided at its swing end by the hook 33, which is pivoted

at 50, to the swing part 32. The gasket 36, which may be made of felt, rubber or other desirable material is provided to prevent scratching or breaking of the enamel and to provide a yielding cushion to produce a better frictional contact between the clamp and the bed post. The four clamps shown in Fig. 1, are represented in Fig. 5, in detail but we reserve the right to use the screw clamp 4, shown in detail in Fig. 4, in which 27, is the bowed part integral with the bed rail 7, and having hinged to it at hinge 26, the bowed part 28, having at its opening end the threaded arm 29, provided to receive the threaded clamping thumb screw 30, adapted to squeeze the gasket 35, against the bed post to create the desired friction. The supporting rings 49, 49, are intended to support the lower rail 13, and may be dispensed with in using the screw clamps illustrated in Fig. 4, instead of the hook clamps illustrated in Fig. 5.

In the place of the pantographs shown in Fig. 1, I reserve the right to use any kind of ornamental fender or to omit using any connection between the two rails 7, and 13, excepting the center post 1, and the two bed posts 9, and 10. I also reserve the right to use the lower rail 13, without the use of the upper rail 7. The object in having each of the rails composed of two sliding bars, one sliding upon the other, is so that they will be adjustable to the differences in distances between bed posts 9, and 10, which may vary as much as 10, or 12, inches in different sized bedsteads.

I claim:—

1. In a compound auxiliary side rail for bedsteads, a center post midway the rail between the bed posts and detachably secured to the side rail and adapted to support the middle of the auxiliary rails, and being provided with means for detachably securing the ends of the auxiliary rails to the bed posts, the end of each member being provided with a hooked clamp adapted to inclose the bed post, a plurality of pantographs between the upper and lower mem-

bers of said auxiliary side rails, substantially as set forth and for the purposes specified.

2. In a compound auxiliary side rail for bedsteads, a telescoping center post midway the rail between the bed posts and detachably secured to the side rail by a key and adapted to support the middle of the auxiliary rail, means for detachably securing the ends of the auxiliary rail to the bed posts, an ornamental network between the upper and lower members of said rails, the end of each member being provided with a hook fastened clamp adapted to inclose the bed post over an elastic gasket member, substantially as set forth and for the purposes specified.

3. In a compound auxiliary side rail for bedsteads, a center post midway the rail between the bed posts and detachably secured to the side rail by a key and adapted to support the middle of the auxiliary rail, means for detachably securing the ends of the auxiliary rail to the bed posts, an ornamental network between the upper and lower members of said rails, two members in each of the upper and lower rails adapted to slide one upon the other to lengthen or shorten the rail, substantially as set forth and for the purposes specified.

4. In a compound auxiliary side rail for bedsteads, a telescoping center post midway the rail between the bed posts and detachably secured to the side rail and adapted to support the middle of the auxiliary rails, means for detachably securing the ends of the auxiliary rails to the bed posts, a plurality of pantographs connecting between the upper and lower members of said rails, two members in each of the upper and lower members adapted to slide one upon the other to lengthen or shorten the rail, substantially as set forth and for the purposes specified.

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Witnesses:

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