

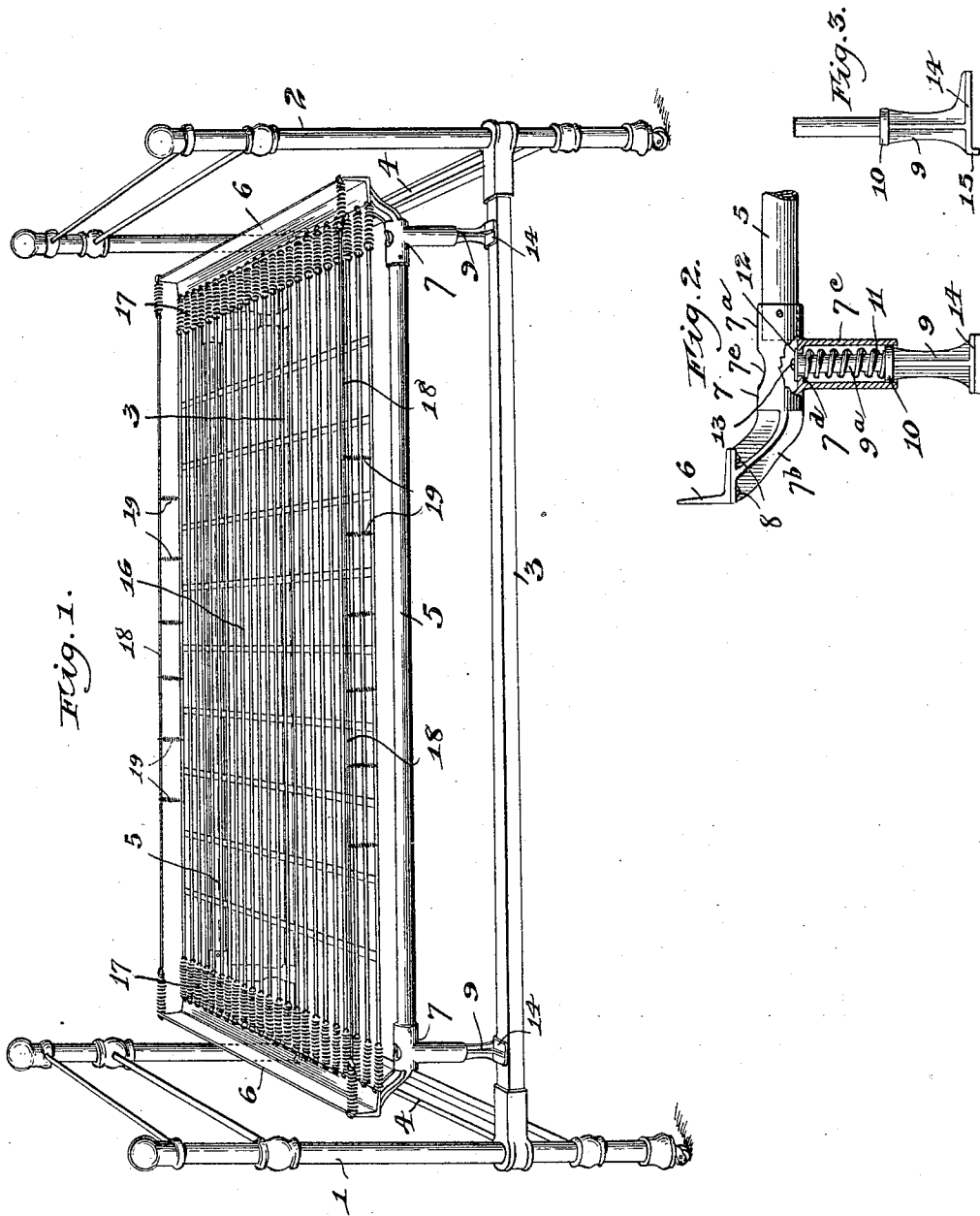
L. H. MANSON.

BED BOTTOM.

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1,052,733.

Patented Feb. 11, 1913.



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UNITED STATES PATENT OFFICE.

LOUIS H. MANSON, OF CHICAGO, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO
CUSHION CORNER BED SPRING COMPANY, A CORPORATION OF ILLINOIS.

BED-BOTTOM.

1,052,733.

Specification of Letters Patent.

Patented Feb. 11, 1913.

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To all whom it may concern:

Be it known that I, LOUIS H. MANSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bed-Bottoms, of which the following is a specification.

This invention relates chiefly to improvements in bed-bottoms of that class or type wherein a woven wire or equivalent support for the bedding is attached to a framework, which framework is supported upon the bedstead; although some features of the invention are applicable to bed-bottoms generally.

The chief object of my invention is to provide an improved construction of that type wherein the bed-bottom frame has a cushioned support at its four corners on the bedstead frame.

One approved form in which my improvement may be embodied is illustrated in the accompanying drawing, in which—

Figure 1 is a perspective elevation of a bedstead having my improved bed-bottom mounted thereon. Fig. 2 is a detail elevation, partly in vertical section, showing the corner bracket casting and the means whereby it is resiliently supported upon the side-rail of the bedstead. Fig. 3 is a detail elevation of the shouldered post which coöperates with the corner bracket casting in forming a cushioned support for the bed-bottom frame, this view being at right angles to that of Fig. 2.

Referring to the drawing, 1 and 2 designate, respectively, the head and foot-pieces, 3 the side-rails, and 4 the end-rails of an ordinary metal bedstead. Upon the side-rails 3 is mounted my improved bed-bottom, the frame thereof comprising side-rails 5, end-rails 6, and corner-connecting brackets 7. In the preferred form herein shown, these corner brackets are castings consisting of a short horizontal tubular portion 7^a, upwardly turned outer end portions 7^b and depending sleeves 7^c, which latter are each formed with an internal annular shoulder 7^d. The ends of the side-rails 5 are telescoped within and secured to the inner ends of the horizontal tubular portions 7^a of the corner brackets, while the end-rails 6 are suitably secured, as by screws 8 to the upper ends of the upwardly turned arms 7^b of the brackets. The horizontal tubular portions

7^a are each provided in its upper side, above the shoulder 7^d with an aperture 7^e for a purpose hereinafter described.

Internally telescoping each of the sleeves 7^c is a post or leg 9, the upper portion 9^a thereof being of reduced diameter and forming an annular shoulder 10 which constitutes the lower abutment for a cushioning spring 11 that is coiled about the reduced portion 9^a of the post and at its upper end abuts against the internal shoulder 7^d of the sleeve. The shoulders 10 and 7^d, aside from their function as abutments for the spring, also serve to guide the sleeve and post in their telescoping movements. To prevent the post from being forced out of the sleeves when not subjected to the weight of the frame, I provide a stop in the form of a disk or circular head 12 that is detachably secured to the upper end of the post as by a screw 13, said stop coöperating with the upper side of the annular shoulder 7^d in an obvious manner. The hole 7^e facilitates the assembling of the parts, and also provides room for the play of the upper end of the post under an abnormally heavy load. The post 9 is formed with a flat foot 14 that rests upon and across the side-rail 3 of the bedstead, said foot being further provided with a depending heel 15 that engages the inner or outer side of the rail 3 to prevent the bed-bottom frame from slipping off the side-rails of the bedstead.

To the end-rails 6 of the bed-bottom frame is secured the bed-bottom fabric 16 through the usual series of end helical springs 17. Cords 18 stretched between the upper corners of the end-rails 6 above the plane of the bed fabric 16, and connected to the latter at intervals by short coiled spring connectors 19, form simple and convenient side-guards for the mattress.

I claim:

1. In a bed-bottom, the combination with a bed-bottom frame, of internally shouldered sleeves depending from said frame adjacent to the corners thereof, shouldered posts adapted to be stepped on the horizontal frame-rails of the bedstead and telescoping said sleeves, and cushioning springs in said sleeves confined endwise between the shoulders of the latter and the shoulders of said posts, substantially as described.

2. In a bed-bottom, the combination with a bed-bottom frame, of internally shouldered

sleeves depending from said frame adjacent to the corners thereof, shouldered posts adapted to be stepped on the horizontal frame-rails of the bedstead and telescoping
5 said sleeves, cushioning springs in said sleeves confined endwise between the shoulders of the latter and the shoulders of said posts, and stops detachably secured to the upper ends of said posts to prevent displacement of the latter from telescoping engage- 10
ment with said sleeves, substantially as described.

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