

No. 695,752.

Patented Mar. 18, 1902.

F. MOEHLE.
BED SPRING.

(Application filed Oct. 25, 1901.)

(No Model.)

Fig. 1.

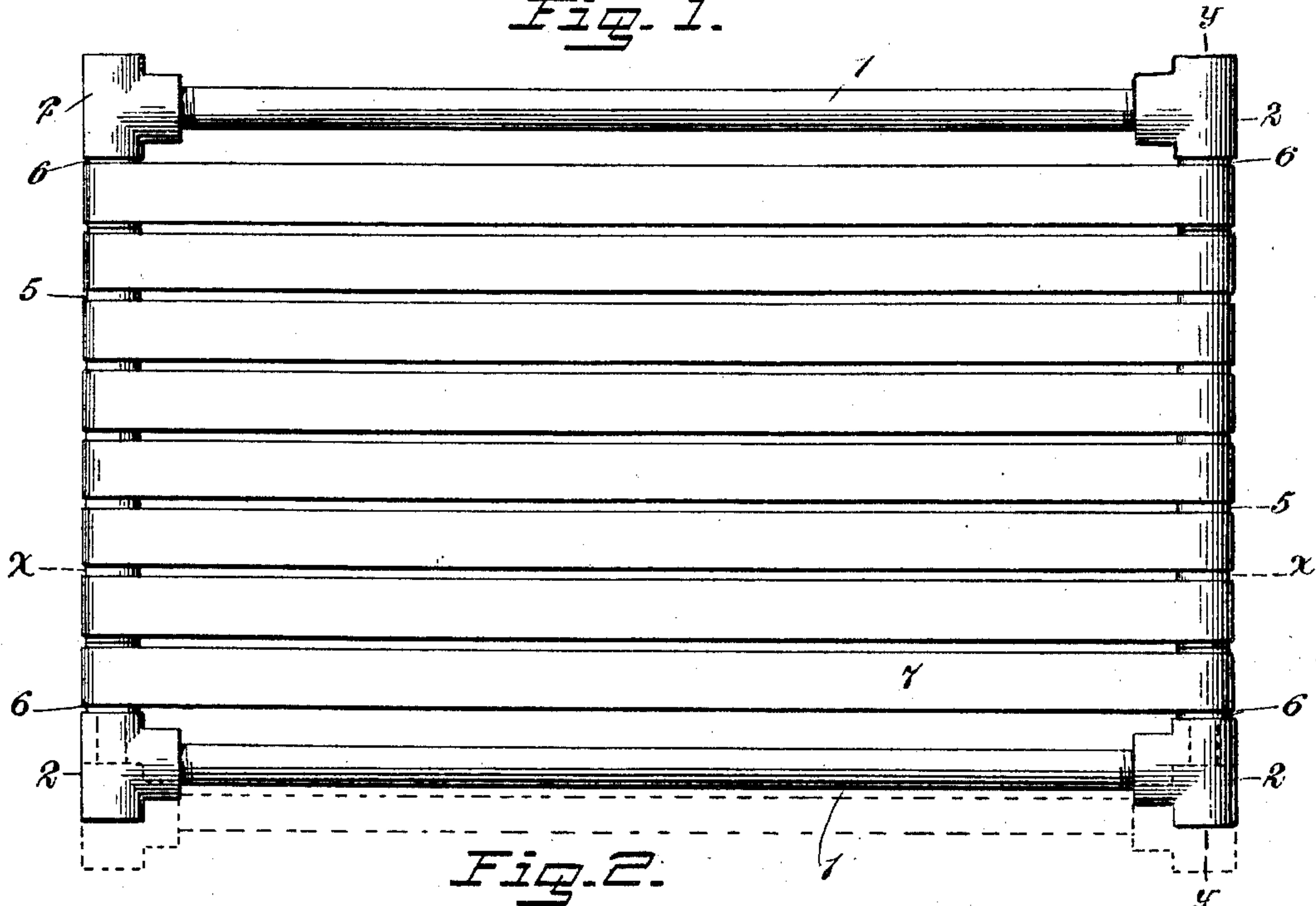


Fig. 2.

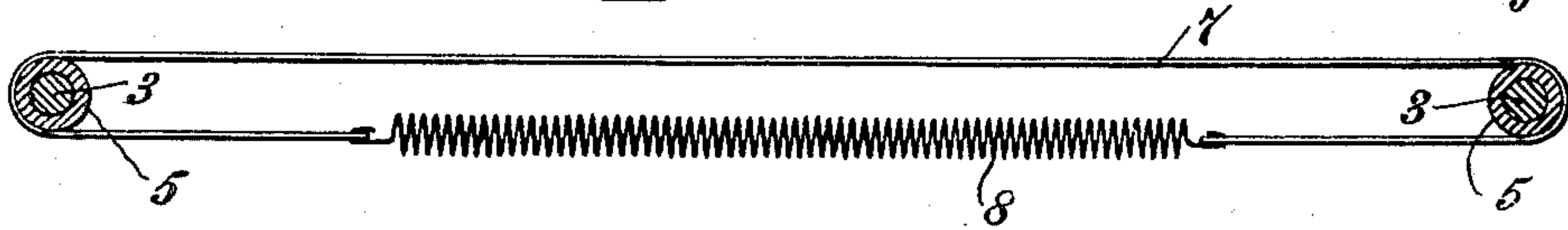
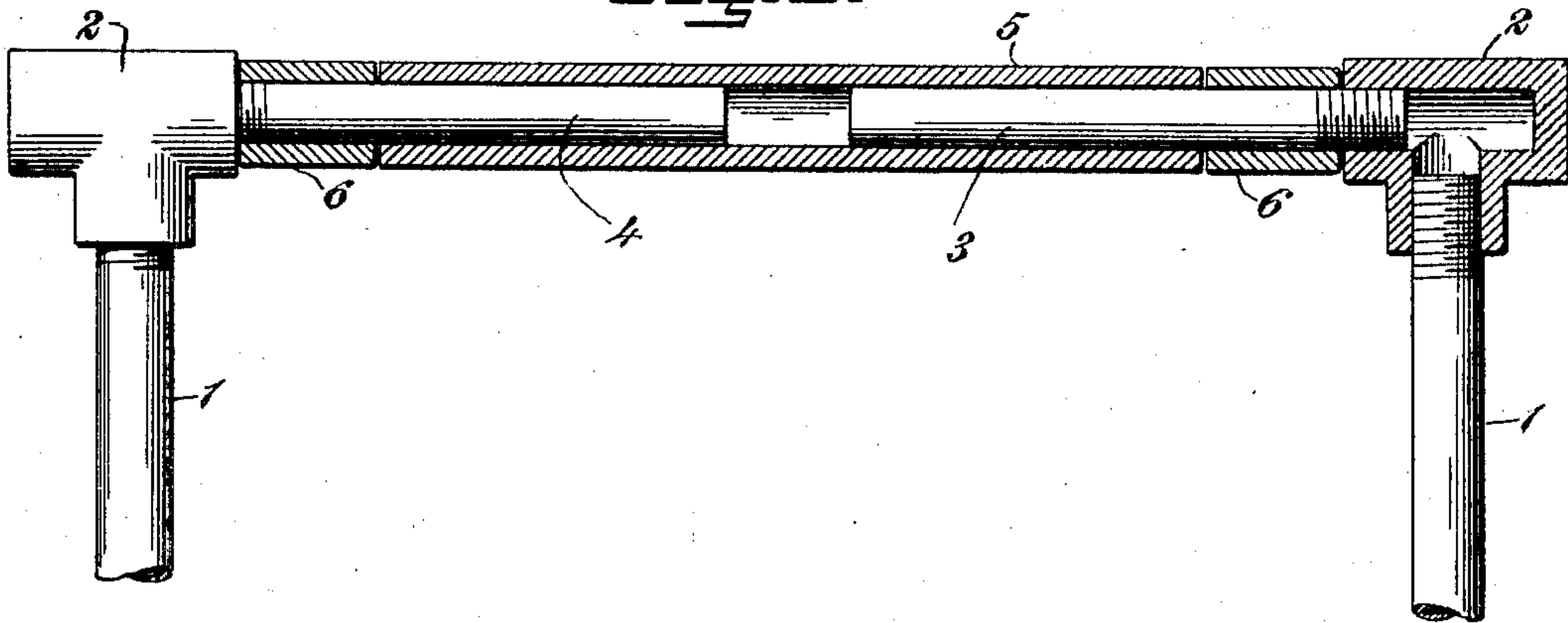


Fig. 3.



WITNESSES:

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FREDERICH MOEHLE, OF SHEFFIELD, IOWA.

BED-SPRING.

SPECIFICATION forming part of Letters Patent No. 695,752, dated March 18, 1902.

Application filed October 25, 1901. Serial No. 79,954. (No model.)

To all whom it may concern:

Be it known that I, FREDERICH MOEHLE, a citizen of the United States, and a resident of Sheffield, in the county of Franklin and State

5 of Iowa, have invented new and useful Improvements in Bed-Springs, of which the following is a full, clear, and exact description.

This invention relates to improvements in bed springs or bottoms, and the object is to

10 provide a bed spring or bottom of simple construction, that may be readily adjusted to bedsteads of different sizes, and that may be quickly taken apart and packed in a small space for shipment or storage.

15 I will describe a bed-spring embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, 20 in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a bed-spring embodying my invention. Fig. 2 is a section on the line *x x* of Fig. 1, and Fig. 3 is a section

25 on the line *y y* of Fig. 1.

The frame of the bed spring or bottom comprises side rails 1, preferably of tubular metal and removably engaging at their ends with corner-castings 2. As here shown, the ends

30 of the side rails are threaded to engage interior threads of the corner-castings. The head and foot rails consist of bars 3 4, having removable connection with opposite corner-castings, and on these bars 3 and 4 tubes 5

35 are mounted, so as to have a rotating or rolling motion on the said bars.

When the frame is adjusted for a narrow bed, the ends of the tubes 5 will abut against the corner-castings. Should it be desired, 40 however, to adjust the frame for a wider bed, short tubular rollers 6 are placed over the bars 3 and 4 between the ends of the corner-castings and the tubes 5, as clearly shown in Fig. 3.

45 The springs consist of metal plates 7, having their end portions extended over the rollers or tubular portions at the head and foot of the frame, and the ends underneath are connected one with another by helical springs

50 8, the said springs 8 having hook ends to re-

movably engage in eyes formed in the ends of the spring-plates. By this construction any weight on the spring-plates 7 will of course force them downward, expanding the springs 8, and as these spring-plates pass over roll- 55 ers they will not be subjected to wear, as would be the case were they extended over or around rigid bars.

When it is desired to separate and pack the several parts for shipment or for storage, the 60 spring-plates may be readily removed by releasing the spring 8 therefrom, and then the said rails 1 and the bars 3 and 4 may be removed from the corner-pieces. The several bars and rails may be then rolled up with the 65 springs.

When the frame is adjusted for a narrow bedstead, of course one or more of the springs may be omitted.

Having thus described my invention, I 70 claim as new and desire to secure by Letters Patent—

1. A bed spring or bottom, comprising a frame, consisting of side rails, corner-castings with which said side rails removably connect, 75 head and foot bars extended from the corner-castings and each bar consisting of two sections movable lengthwise with relation to each other, tubes mounted to rotate on said head and foot bars, spring-plates extending 80 around said tubes, and helical-spring connections between the ends of said spring-plates, substantially as specified.

2. A bed spring or bottom, comprising a frame consisting of side rails, corner-castings 85 with which said side rails connect, head and foot bars extended from the corner-castings, each bar consisting of two sections movable lengthwise with relation to each other, tubes mounted to rotate on said head and foot bars, 90 spring-plates extending around said tubes, and yielding connections between the ends of said spring-plates, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of 95 two subscribing witnesses.

FREDERICH MOEHLE.

Witnesses:

NORMAN L. HILL,
GEO. C. BARNEY.