

(No Model.)

A. H. FREESE.
EXTENSIBLE BED BOTTOM.

No. 531,370.

Patented Dec. 25, 1894.

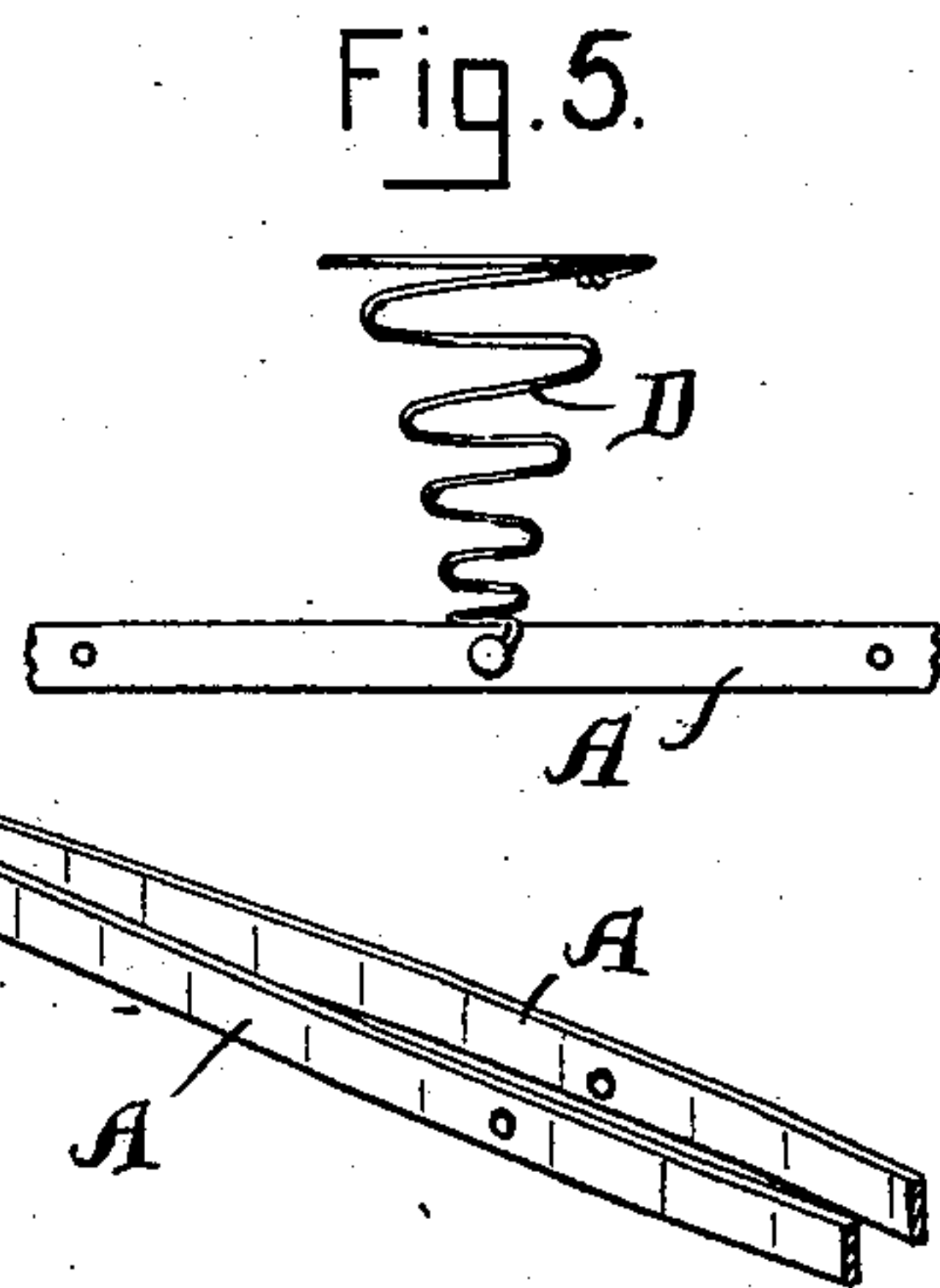
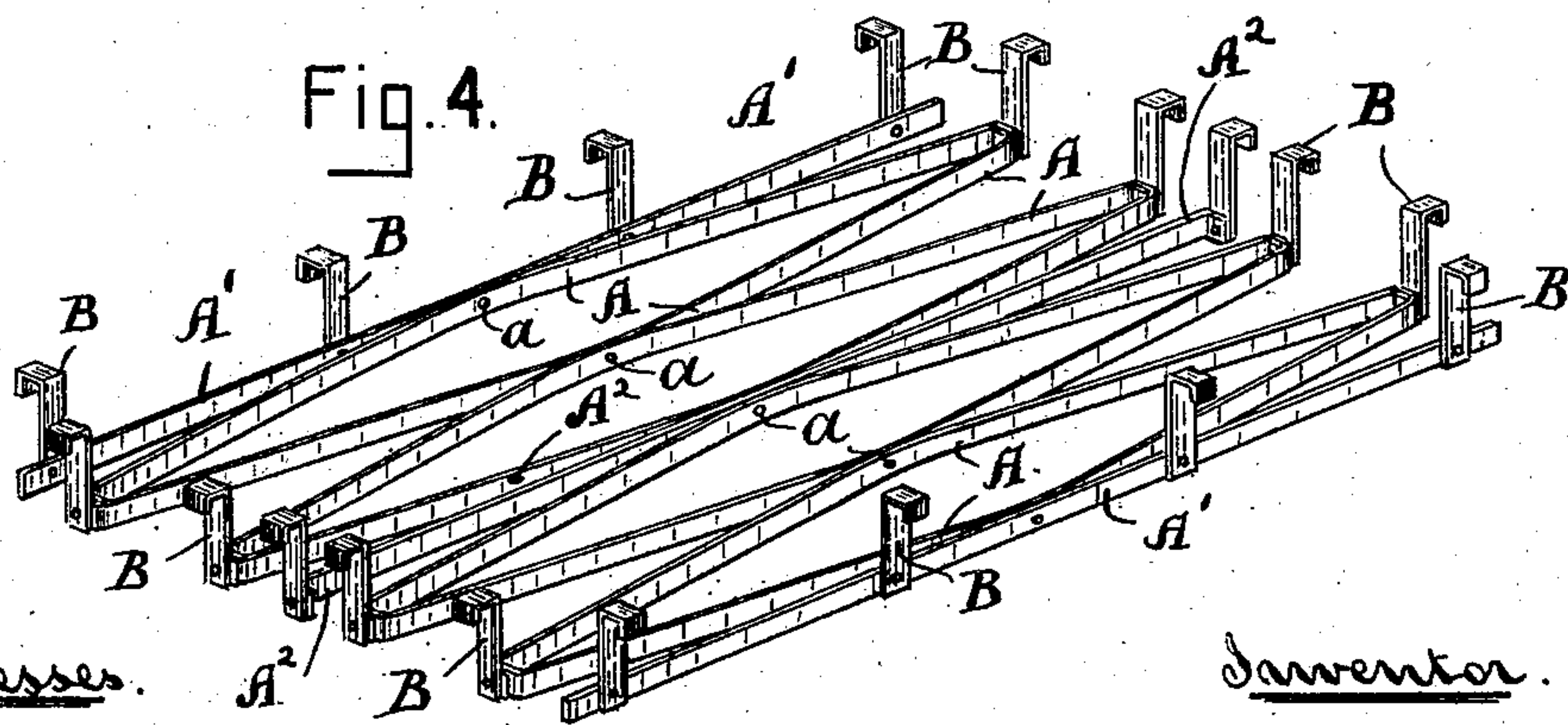
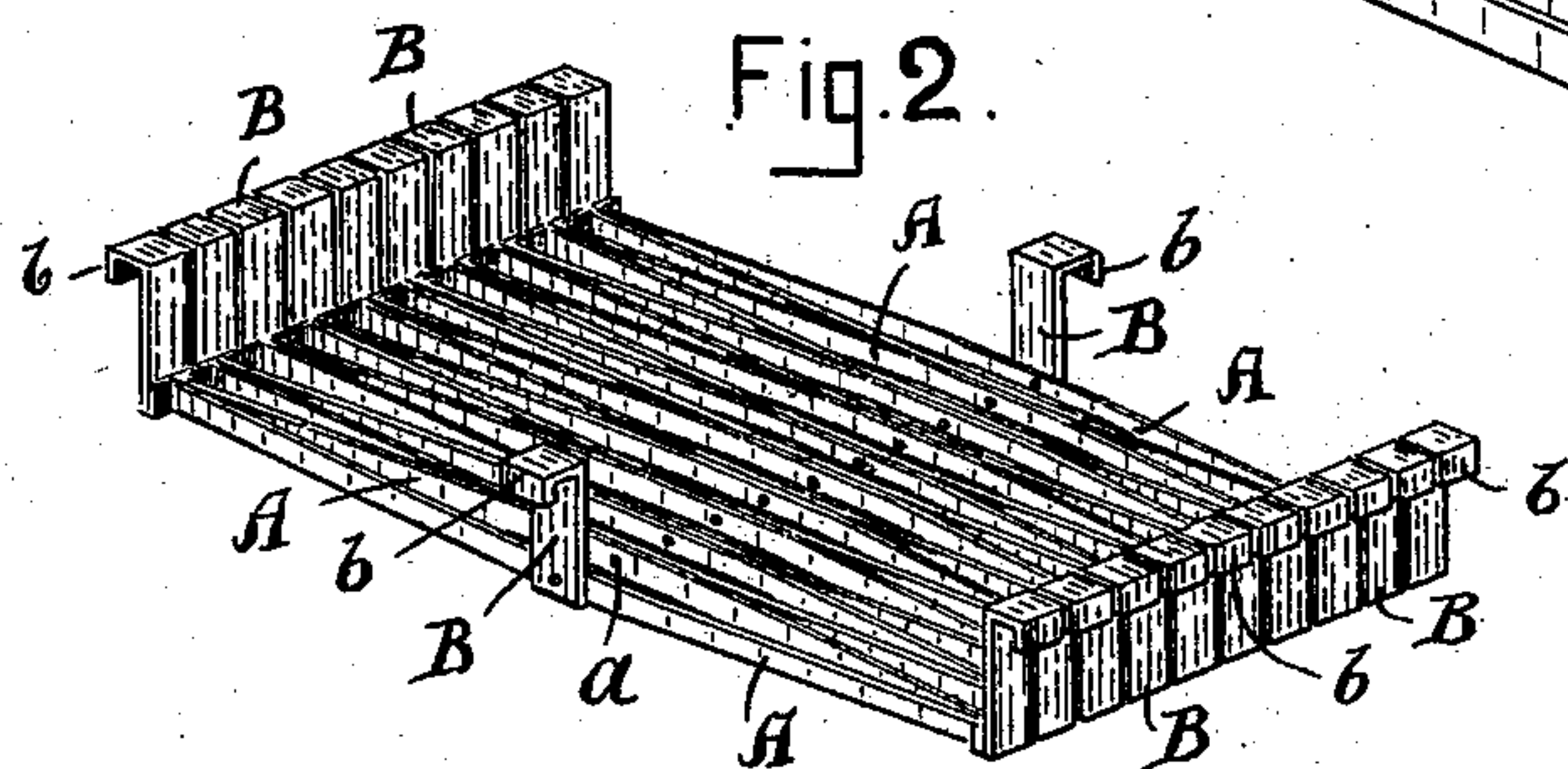
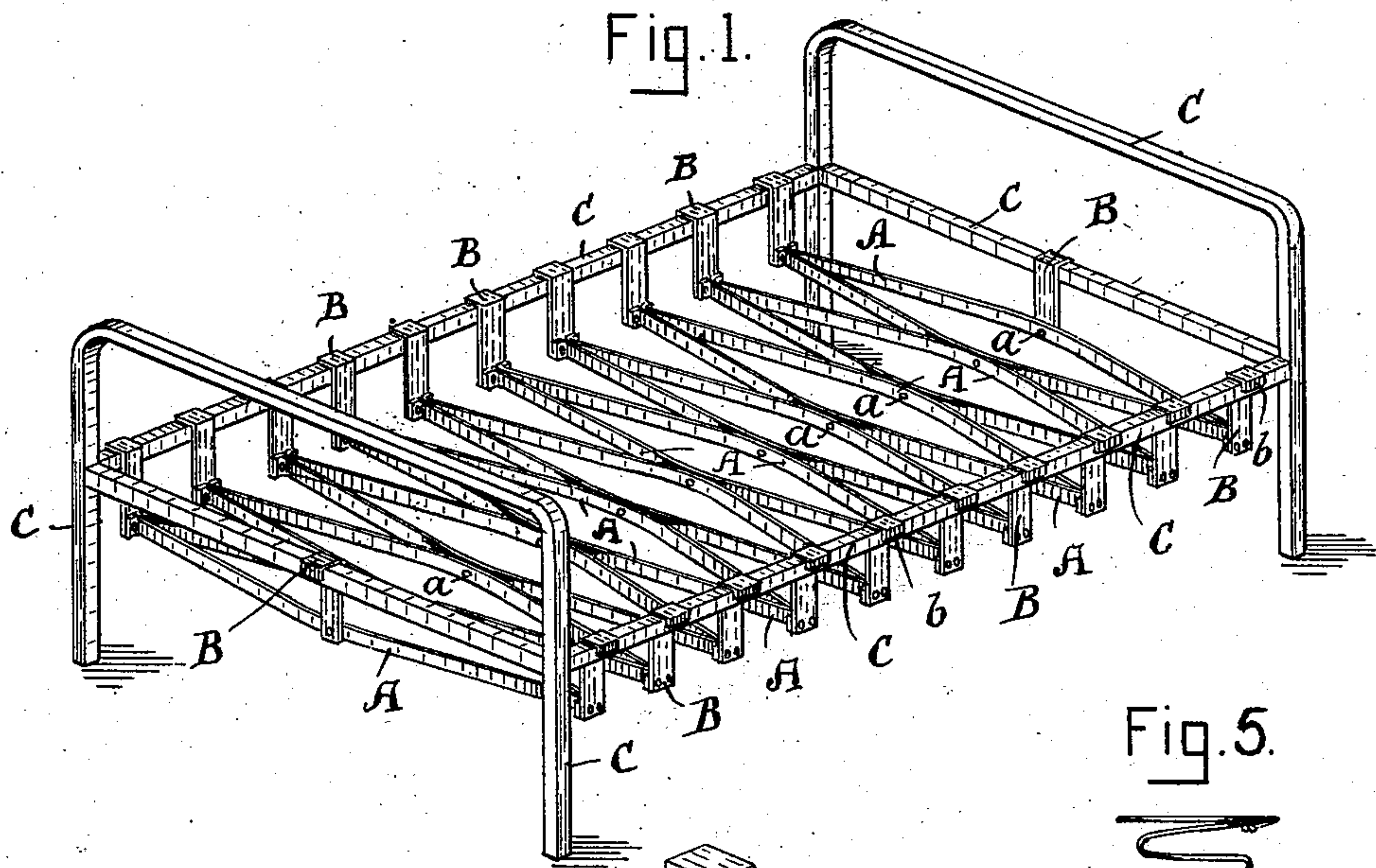
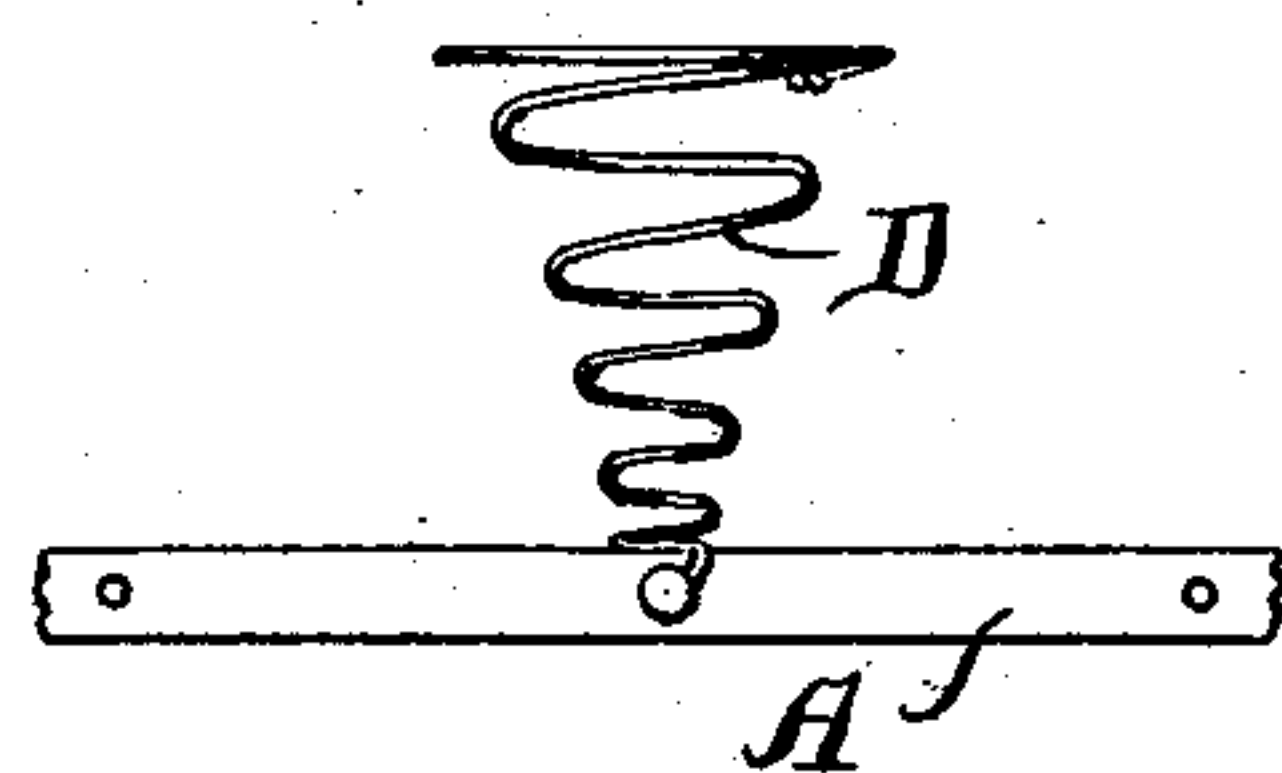


Fig. 5.



Witnesses.

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UNITED STATES PATENT OFFICE.

AUGUST H. FREESE, OF BOSTON, MASSACHUSETTS.

EXTENSIBLE BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 531,370, dated December 25, 1894.

Application filed August 27, 1894. Serial No. 521,355. (No model.)

To all whom it may concern:

Be it known that I, AUGUST H. FREESE, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Extensible Bed-Bottoms, of which the following, taken in connection with the accompanying drawings, is a specification.

10 The object of my invention is to produce a bed bottom that when in use will extend from end to end of the bedstead and will be on a lower level than the rails of the bedstead and when not in use will contract so as to occupy
15 a comparatively small space.

The invention consists of a series of bars arranged in pairs the ends of which are secured to hangers adapted to fit the rails of the bedstead the bars of each pair being secured to the adjacent pair by a single central rivet, a hanger being secured to each of the end bars whereby the bed bottom is held extended when in use.

25 The invention also consists in securing a series of spiral springs to said bars as herein-after fully described and pointed out in the claim.

Referring to the accompanying drawings: Figure 1—represents a perspective view of
30 a bed bottom embodying my invention extended and applied to a bedstead. Fig. 2—is a view of the bed bottom in a contracted position. Fig. 3—is a view of a portion of one pair of bars and a hanger drawn to a larger
35 scale. Fig. 4—is a view of a bed bottom with the bars extending longitudinally of the bedstead. Fig. 5—shows a portion of one of the bars with a spiral spring attached thereto.

40 A, A, represent flat metal bars bent at each end at right angles. These bars are set edgewise and arranged in pairs their ends being secured to hangers B. The pairs of bars that are intended for the ends are each also provided with a central hanger by which they
45 are attached to the head and foot rail of a bedstead. The intermediate pairs of bars are secured one to the other by a single rivet *a*, thus forming a series of elliptical springs. The hangers B are bent over at their upper
50 ends at right angles and then bent down at

right angles so as to form a hook, that fits over the bedstead rails, the lip *b*, preventing the same from slipping off, as will be best seen in Fig. 1 where the extensible bed bottom is shown applied to a bedstead C. When
55 the bed bottom is not held extended the bars A, will straighten out and draw all the side hangers together as shown in Fig. 2, thus occupying but a very small space.

Spiral springs D, may be secured to the bars A, as shown in Fig. 3 thus forming an extensible bed bottom and bed spring.

In cases where it is desired to have a bed bottom to fit bedsteads of different widths I arrange the pairs of bars longitudinally of the
65 bedstead as shown in Fig. 4, in which case each pair of bars would be fitted with a hanger at each end to prevent it from tipping and I prefer to secure a straight bar A', at each side to which several hangers are attached.
70 In cases where it is desired to use longitudinal bars in a bed bottom for a bedstead of a given width, a central flat bar A², may be employed to give additional strength but in all ordinary cases this bar would not be required.
75

It will be seen that by the above construction a bedstead bottom is produced that can be expanded to cover the space between the bedstead rails to support a spring or mattress and when not in use will be contracted
80 so as to occupy a very small space and to which bedstead bottom spiral springs may be secured to form both a bed bottom and spring.

What I claim is—

An extensible bedstead bottom consisting
85 of a number of pairs of bars set vertically each pair being attached at each end to a hanger adapted to fit onto a bedstead rail, each of said pairs of bars being connected to the adjacent pair by a central rivet and a
90 hanger secured to the outer bar of each end pair substantially as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 29th day
95 of June, A. D. 1894.

AUGUST H. FREESE.

Witnesses:

CHAS. STEERE,
EDWIN PLANTA.