

E. Krieghoff,

Bed Bottom,

N^o 66,598.

Patented July 9, 1867.

Fig 1

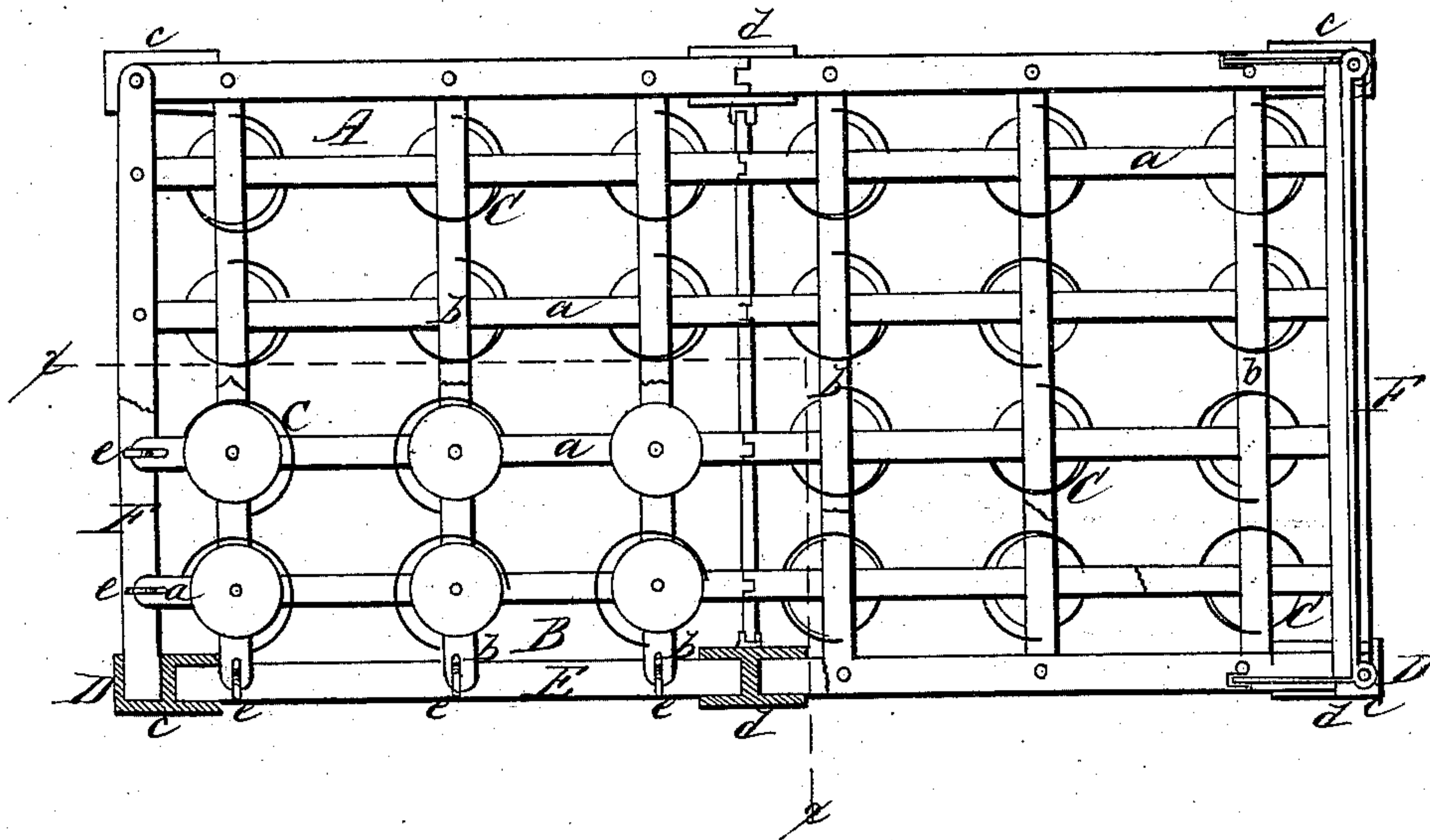
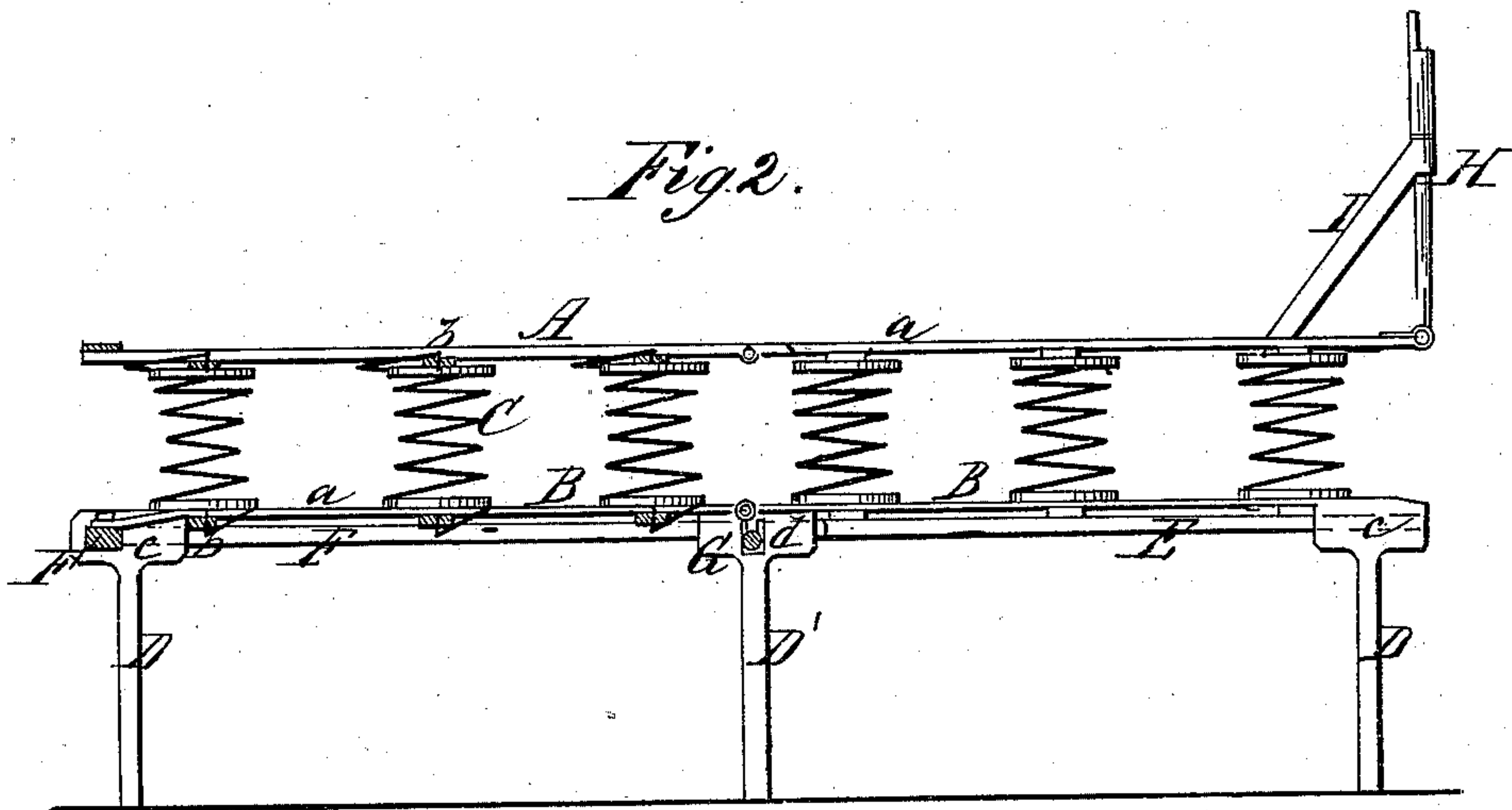


Fig 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

E. KRIEGHOFF, OF ROCHESTER, NEW YORK.

IMPROVED BEDSTEAD AND BED-BOTTOM.

Specification forming part of Letters Patent No. **66,598**, dated July 9, 1867.

To all whom it may concern:

Be it known that I, E. KRIEGHOFF, subject of the King of Prussia, have invented a new and useful Improvement in Spring Bed-Bottoms and Bedsteads; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a plan or top view, partly in section, of my improved bedstead. Fig. 2 is a side elevation, partly in section, of the same, the plane of section being indicated by the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new flexible spring-mattress or bed-bottom, which is so arranged that it can be easily folded together for transportation, and so that the springs can be easily removed or replaced when desired. When to be used as a bed-bottom, the device is combined with a bedstead, which can also be easily taken to pieces, and to which it is secured in a novel and practical manner.

The invention consists, first, in making the upper and lower frame of the mattress or bed-bottom of a series of slats, which are arranged longitudinally and across, each longitudinal slat consisting of two or more separate pieces, which are hinged together to allow the said frames to be folded together.

The invention consists, second, in the manner of securing the ordinary spiral springs to and between the said frames, the ordinary sewing or tacking being dispensed with for this purpose. The springs are secured at the crossings of the slats in the aforesaid frames, and their ends are bent so as to come above, or below, the cross-slat, and below, or above, the longitudinal slat; and, being provided with hooks at their extreme ends, they are then hooked into the cross-slat, so as to be completely locked to those slats to the crossing of which they are secured. They can then be easily removed, if desired, by unhooking their ends and drawing the same off the slats, and be as easily replaced.

The invention consists, also, in the construc-

tion of the bedstead on which this bed-bottom is to be arranged. The same consists of a number of bars which form the frame of the bed, and which are held in sockets, that are provided in corner-pieces, which are secured to the upper ends of the legs by which the bedstead is supported. If desired, legs can also be arranged under the center of the longitudinal bars, and sockets provided in their upper ends, for the ends of the longitudinal bars to fit in, which are thus formed in two pieces. By drawing the bars out of the sockets, the bedstead can be taken to pieces and folded together.

The invention, finally, consists in the manner of and device for securing the bed-bottom to the bedstead. For this purpose revolving hooks are secured to the surface of the bed-frame, and the ends of the slats of the lower bottom frame are slotted. For securing the bottom to the bed, the hooks are turned so as to point toward the inside of the bed, and the slotted end can then be passed over the hooks. By then turning the hooks around, so that their ends will point outward, the bottom frame is locked to the bed.

A represents the upper, and B the lower, frame of the bed-bottom. Each of these frames consists of longitudinal slats *a*, and cross-slats *b*, which may be made of wood, sheet metal, or other suitable material. The longitudinal slats are jointed and hinged, as shown, so that each frame can be folded up, if desired. The cross-slats and the longitudinal slats which form the outside of each frame A and B are riveted or otherwise firmly secured to the end of those slats which meet them, and thereby the different slats are connected so as to form frames of the required strength and durability. C C are the spiral springs which are interposed between the frames A and B, and which, in connection with the same, form the bed-bottom or spring-mattress. The ends of the springs are bent alternately over and under the slats, between the crossings of which they are arranged, and are made hook-shaped, and hooked into holes which are provided for the purpose in the slats. On the frame A, the upper ends of the springs are arranged and held above the slats, while their lower ends are fastened to the under

side of the frame B, as is clearly shown in the drawings. Thus the springs connect and unite the frames A and B. D D are the legs of the bedstead; E are the side, and F the end, bars of the frame of the bedstead. To the upper end of each leg is secured a block, *c*, which is mortised to hold the ends of the bars E and F. The side bars E may be made of two pieces, of which the inner ends are held in the mortises of a block, *d*, which is arranged on top of the middle legs D', all as clearly shown in the drawing. The legs and bars of the bedstead can be made of cast-iron or any other suitable material. To the upper surface of the bars of the bedstead-frame are secured revolving pin-hooks, *e e*, which fit through the slotted ends of the slats of the lower frame B, as is clearly shown in the drawing. A mattress, when made in the manner above described, can be easily handled and turned over. H is a

head-rest hinged to the end of the upper frame A, and supported by braces I, as shown. All the parts of this invention can be folded up into a comparatively small box or space. Braces G can be applied across the bedstead, for strengthening the same.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the metallic frame inclosing the springs with the rail and revolving pins, substantially as described, for the purpose specified.

2. The combination of the metallic spring-frame with the adjustable head-rest, substantially as described, for the purpose specified.

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Witnesses:

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