

Bayston & Nicholson.

No 88,435.

Bedstead.

Patented Mar. 30, 1869.

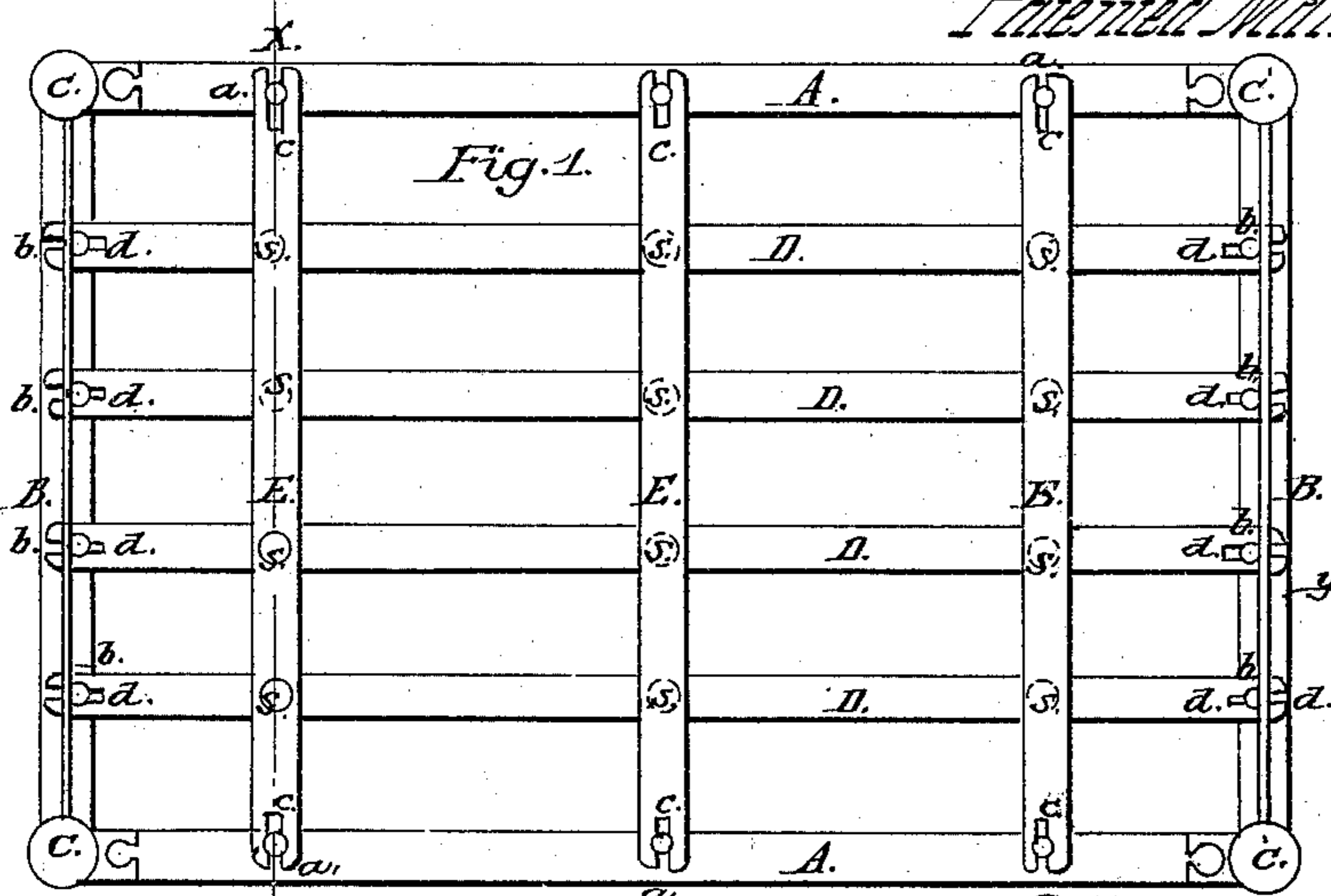


Fig. 1.

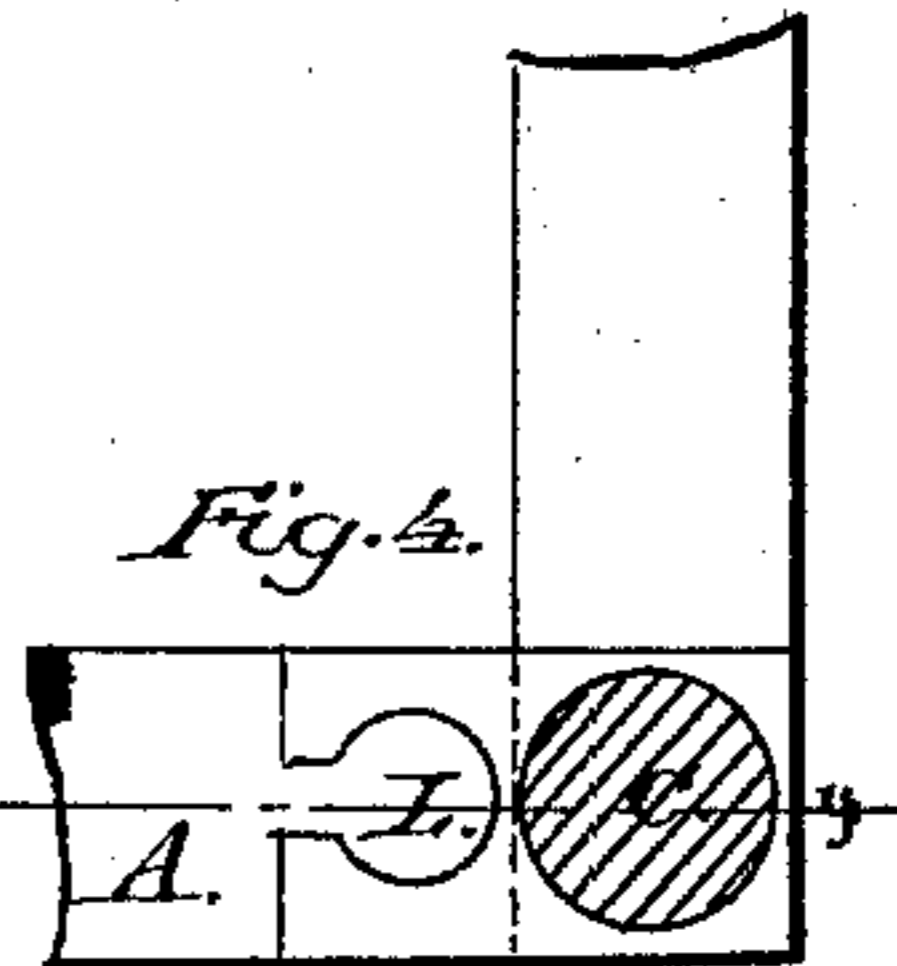


Fig. 4.

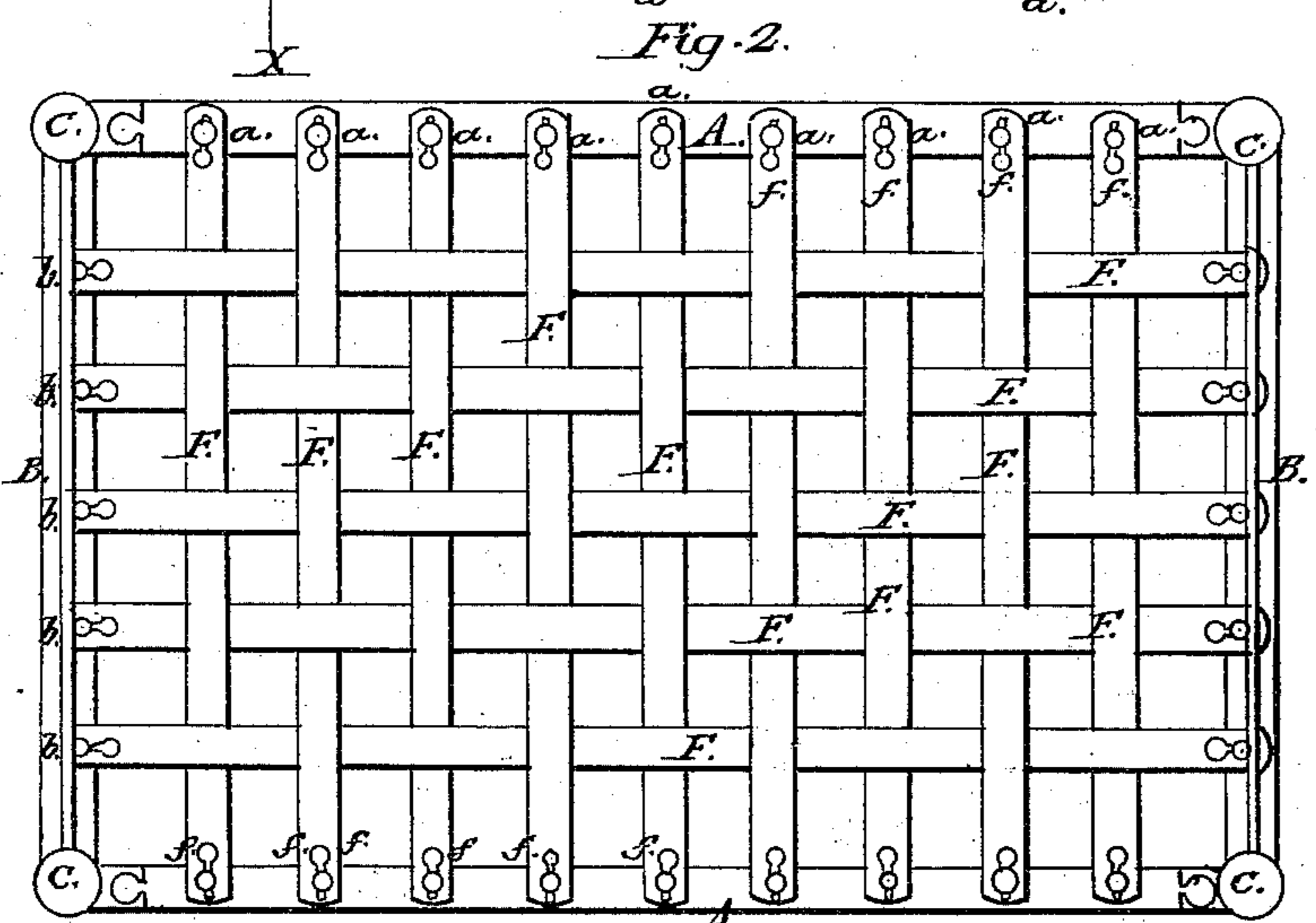


Fig. 2.

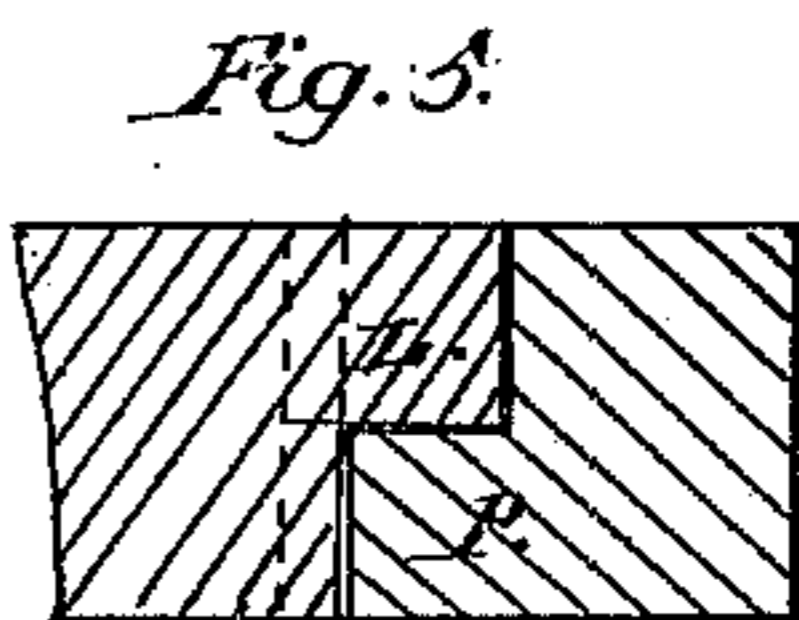


Fig. 5.

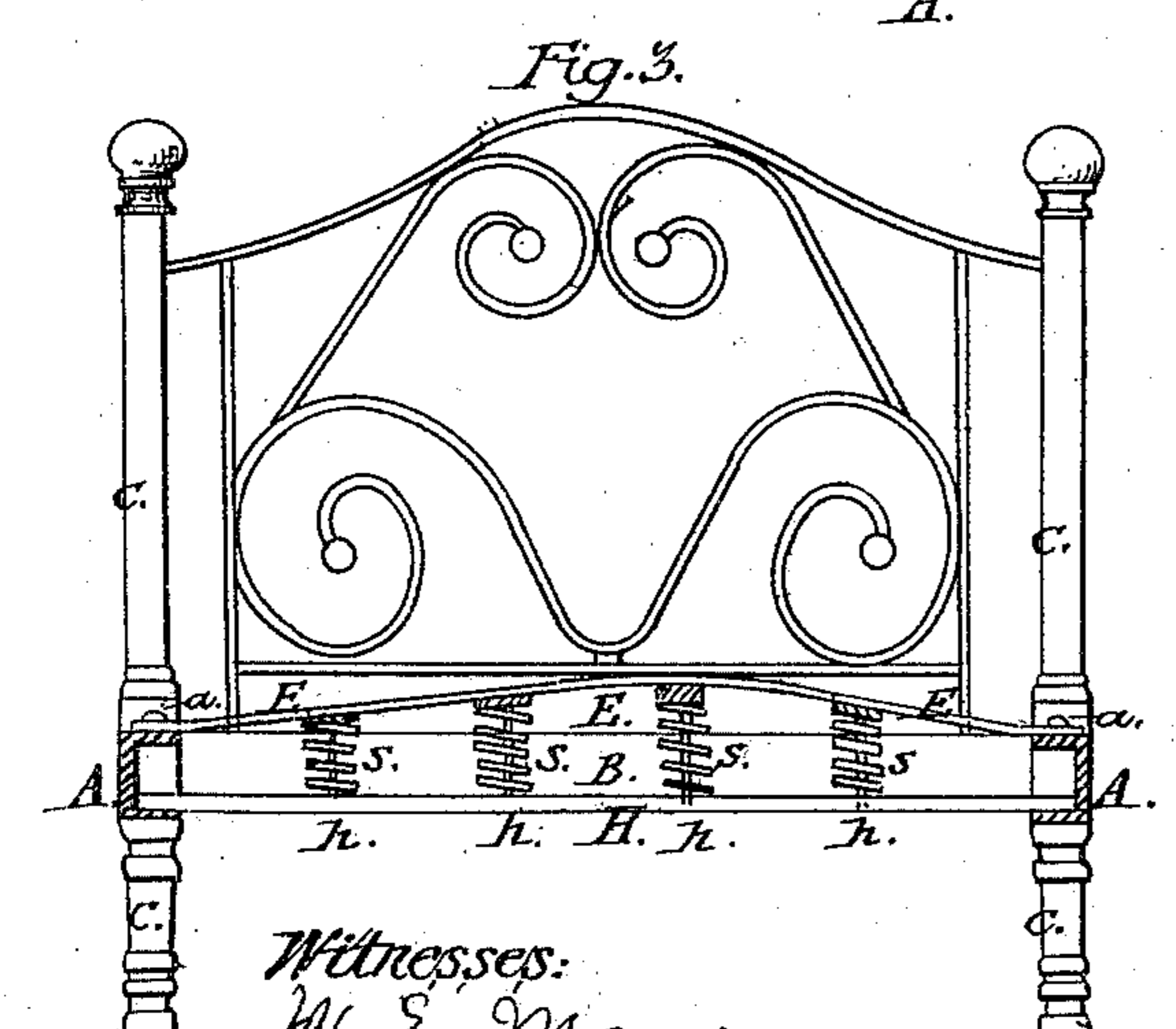


Fig. 3.

Witnesses:

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JABEZ BAYSTON, OF CHICAGO, AND GEORGE W. NICHOLSON, OF
NAPERVILLE, ILLINOIS.

Letters Patent No. 88,435, dated March 30, 1869.

IMPROVED IRON BEDSTEAD.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JABEZ BAYSTON, of Chicago, in the county of Cook, and State of Illinois, and GEORGE W. NICHOLSON, of Naperville, in the county of Du Page, and State of Illinois, have invented a new and useful Improvement in Iron Bedsteads; and we do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures of reference marked thereon, which form part of this specification.

Our said invention consists in a novel mode of putting together the frame of the bedstead by means of peculiarly-constructed joints; also, in a novel mode of attaching thereto the mattress-supports, or bed-bottom; also, in the novel arrangement, in connection therewith, of springs, for rendering the said bed-bottom elastic.

To enable those skilled in the art to understand how to construct and make use of our said invention, we will now proceed to describe the same with particularity, reference being made, in so doing, to the aforesaid drawings, in which—

Figure 1 represents a top view of our said invention, when springs are used in forming the bottom;

Figure 2 is a similar view, when the bottom is constructed without springs;

Figure 3 is a transverse vertical section through fig. 1;

Figure 4 is a detached top view of one of the joints of the bedstead; and

Figure 5 is a vertical section at the line *y*, in fig. 4.

Similar letters of reference in the several figures denote the same parts of our invention.

A B represent the iron frame of the bedstead, constructed hollow, and open on the inner side, as shown, thus giving the requisite strength, while, at the same time it is light and convenient.

C represents the posts, which are also hollow, for the same reasons.

When springs, S, are used, three or more cross-slats, H, are arranged as seen in fig. 3, their ends resting on the lower flange of the frame, upon which the springs are arranged as shown, upon which are placed metallic strips, D, having slots *c* in each end, which slip under the buttons, or heads *b*, upon the end-pieces B, as shown.

Attached to the said strips D, are pins *p*, which pass down, through the spiral springs S, into holes *h* in the

cross-supports H, thus serving to keep the springs securely in position, while the elasticity of the springs is not interfered with.

Upon said strips D, are arranged cross-strips E, of the same kind, being placed directly over the rows of springs, and being secured at the ends beneath buttons, or knobs, in the same manner as the strips D.

The cross-supports H are of cast-iron, or other suitable metal, as are also all the other parts of the bedstead.

The side-pieces A are connected to the head and foot of the bedstead, by means of joints, whose construction is clearly shown in figs. 4 and 5, wherein L represents a lug, or ear, cast upon the ends of the side-pieces A, which fit into recesses, as shown, by dropping them down upon the supports P.

Thus, by raising up the side-pieces, the bedstead can readily be taken apart, when desired; while, by removing the cross-strips E, and the longitudinal ones D, the springs and cross-supports can also be removed, and thus the entire bedstead and bottom can be taken apart and put up again, at pleasure.

It will be observed that the slots in the ends of the slats D E allow them to slide under the buttons, by which they are kept in place, as the weight upon the bed depresses the springs.

When it is desired to put the bedstead up without springs, the slats H are dispensed with, and the slats which are marked F, and shown in fig. 2, are provided with slotted eyes at their ends, so that by passing the eyes over the buttons upon one side or end, and then over the other end, before the side-pieces A are put in place, the buttons will be drawn into the slots by placing the side-pieces, and the whole will be securely held in place, as indicated in fig. 2.

Having described the construction and operation of our invention, we will now specify what we claim, and desire to secure by Letters Patent.

The combination of the side-pieces A, grooved their entire lengths, as specified, and with rounded lugs, L, on each end, with the end-pieces B, with sockets and rests, P, for the lugs L to fit into and upon, cross-pieces H, slotted slats F, pins *f*, and springs S, all as herein shown and described.

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