

G. S. PICKETT.
BED-BOTTOMS.

No. 194,722.

Patented Aug. 28, 1877.

Fig. 1.

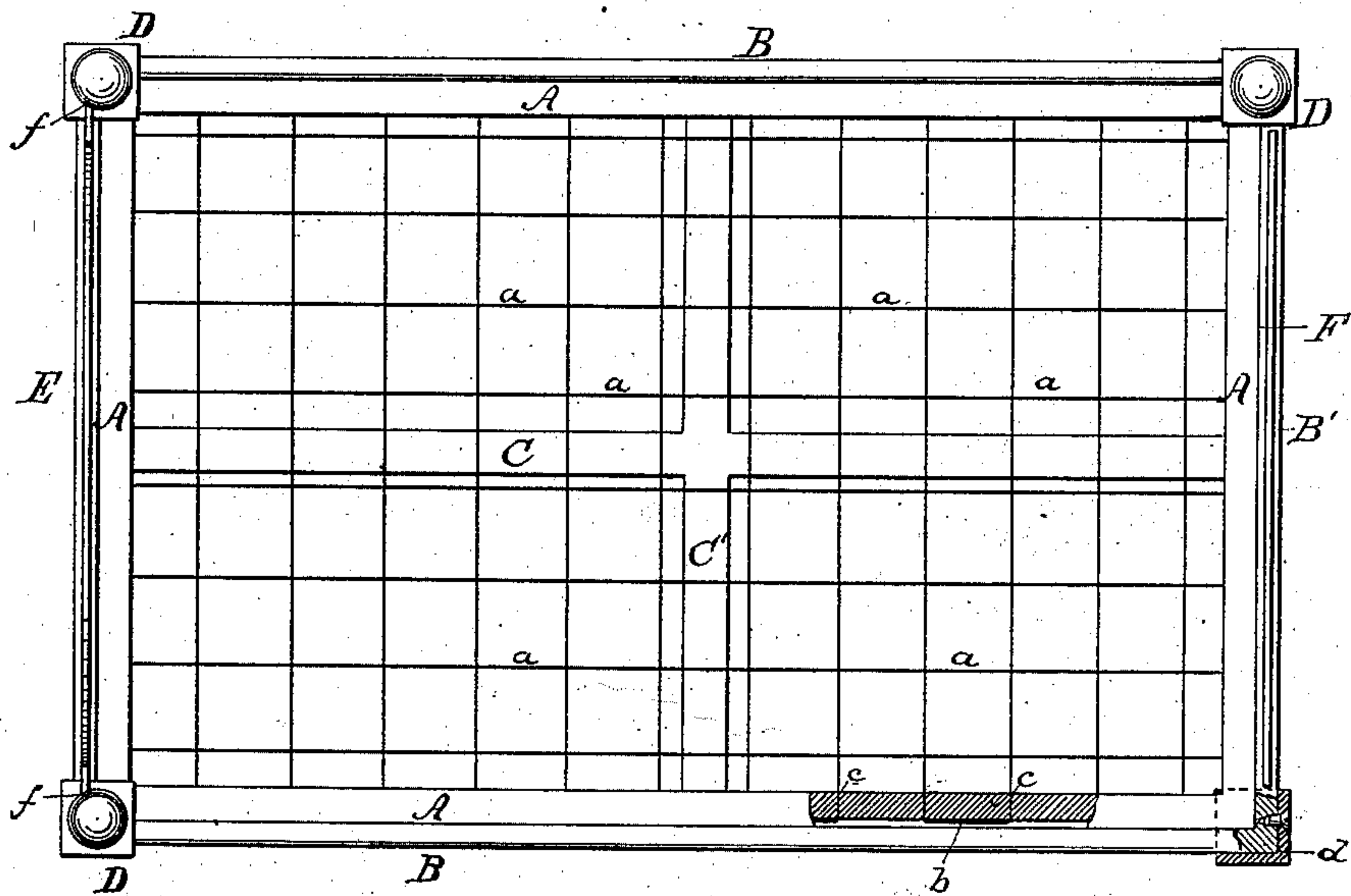
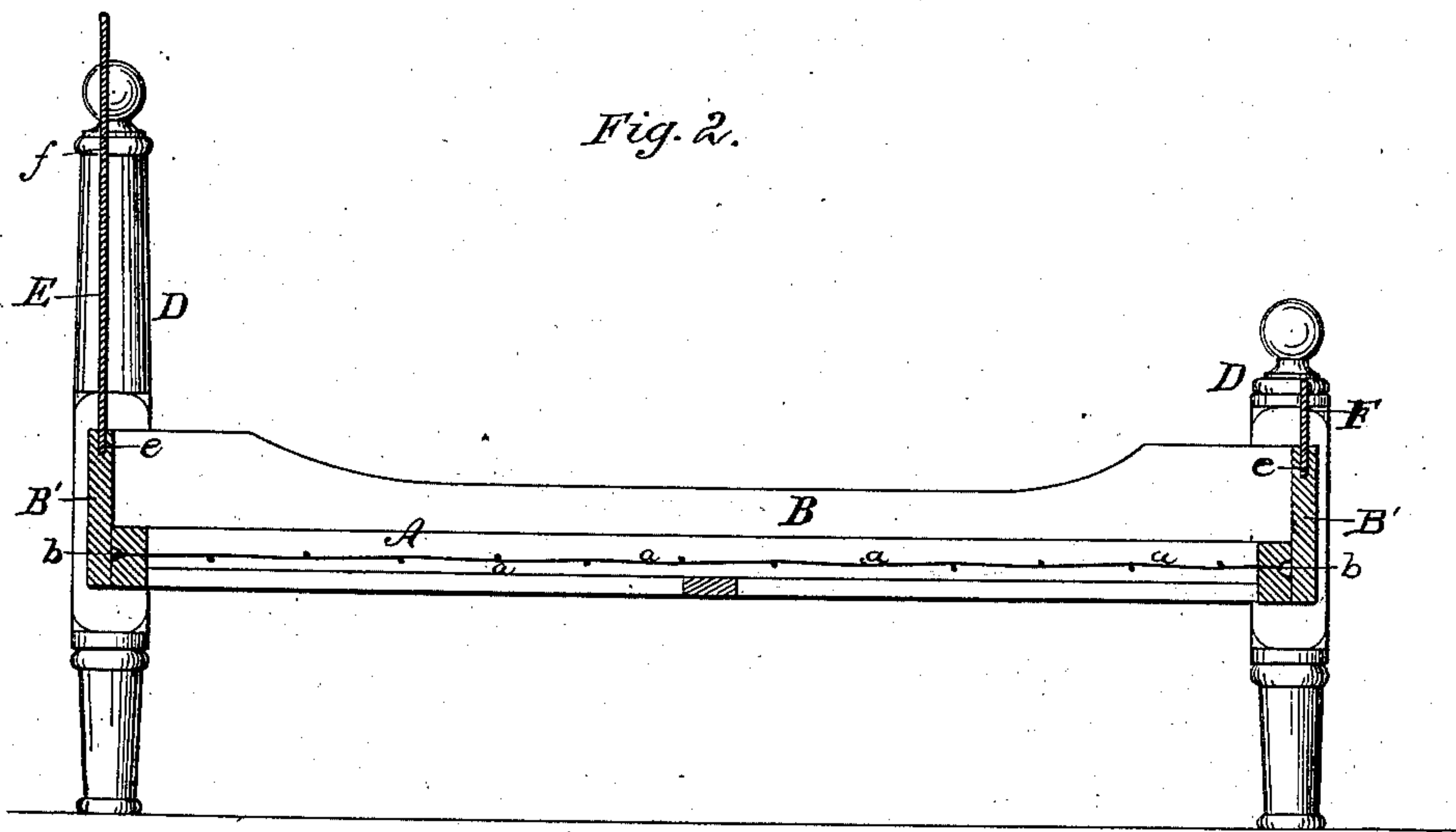


Fig. 2.



Witnesses:

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GEORGE S. PICKETT, OF PAOLI, WISCONSIN.

IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **194,722**, dated August 28, 1877; application filed December 23, 1876.

To all whom it may concern:

Be it known that I, GEORGE S. PICKETT, of Paoli, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Bed-Bottoms; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a plan or top view of the bedstead-frame, showing the manner of cording it up with wire or a metal cord, (instead of a textile cord or rope, as formerly used,) and also the cross-bar brace underneath, to prevent the springing inward of the side and end rails and swagging of the bottom by the weight on the wires. Fig. 2 shows a longitudinal section through the bedstead and bottom, illustrating the manner in which the wires or metal cord are inserted and permanently secured.

My invention consists in the construction of the frame, which forms the body of the bedstead, and cording it up with metal cord or wire, (instead of using a cord made of cotton, flax, or hemp,) the wire filling the holes, in which it is inserted through the end and side rails, which have longitudinal grooves on their outer sides to embed the cord or wire in, which, when corded up, is securely covered in by the end and side pieces of the bedstead, glued to the rail; also, in the cross-braces, at right angles underneath, to prevent the springing of the rails to slacken the cords or wires by resting on them.

To enable others to make and use my improvements, I will describe them more in detail, referring to the drawings and the letters thereon.

The frame or rails A may be made of any suitable-sized pieces of scantling timber, planed smooth and true on the outward side, so as to make a glue-joint with the sides and

ends of the bedstead B. The rails A are provided with a series of small holes, smoothly bored through them, the size of the metal cord or wire *a a* used for cording up the bed-bottom, and as near to each other as it is desirable to have the meshes of the bottom.

On the outer side of the rails are longitudinal grooves *b*, cut in line with the holes *c c*, so that the cord or wire *a* will be entirely embedded in the rails when it passes from one hole to another, as shown in a broken-out section in Fig. 1.

To prevent the ends and sides of the bedstead from bending inward and slackening the cord or wire by the weight resting upon it, I put central brace bars *c c'* at right angles underneath the metal cord or wire meshes *a a*. The rails A being thus prepared, they are firmly secured together at the corners, and then are corded up with wire, drawn taut and firmly secured.

The outside end and side pieces B B' are fitted and glued to the rails, so that no crevices or open places are left.

What I claim as my invention is—

1. The side and end rails A, having the longitudinal grooves *b b* and series of small holes *c c*, for receiving and embedding the wire cord *a a*, in combination with the side and end pieces B B', the latter being firmly glued to the rails A, substantially as and for the purposes herein set forth.

2. In combination with the frame A, corded with wire *a a*, the cross-braces *c* and *c'*, as herein shown and described.

In testimony whereof I hereunto subscribe my name to the above specification.

GEORGE S. PICKETT.

Witnesses:

J. B. WOODRUFF,
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