

No. 742,266.

PATENTED OCT. 27, 1903.

J. L. WHITE.
FURNITURE BRACE.

APPLICATION FILED AUG. 13, 1903.

NO MODEL.

Fig. 1.

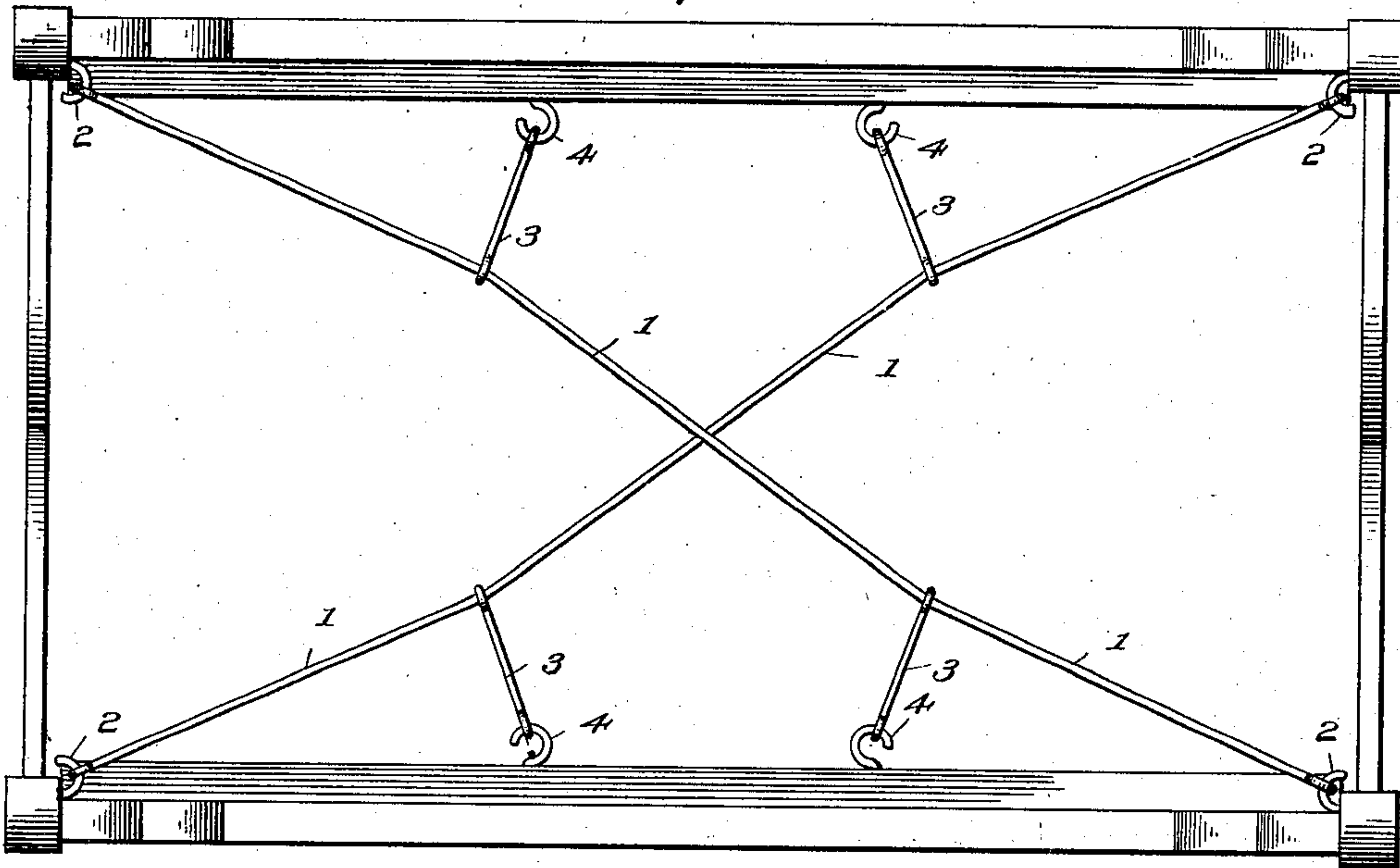
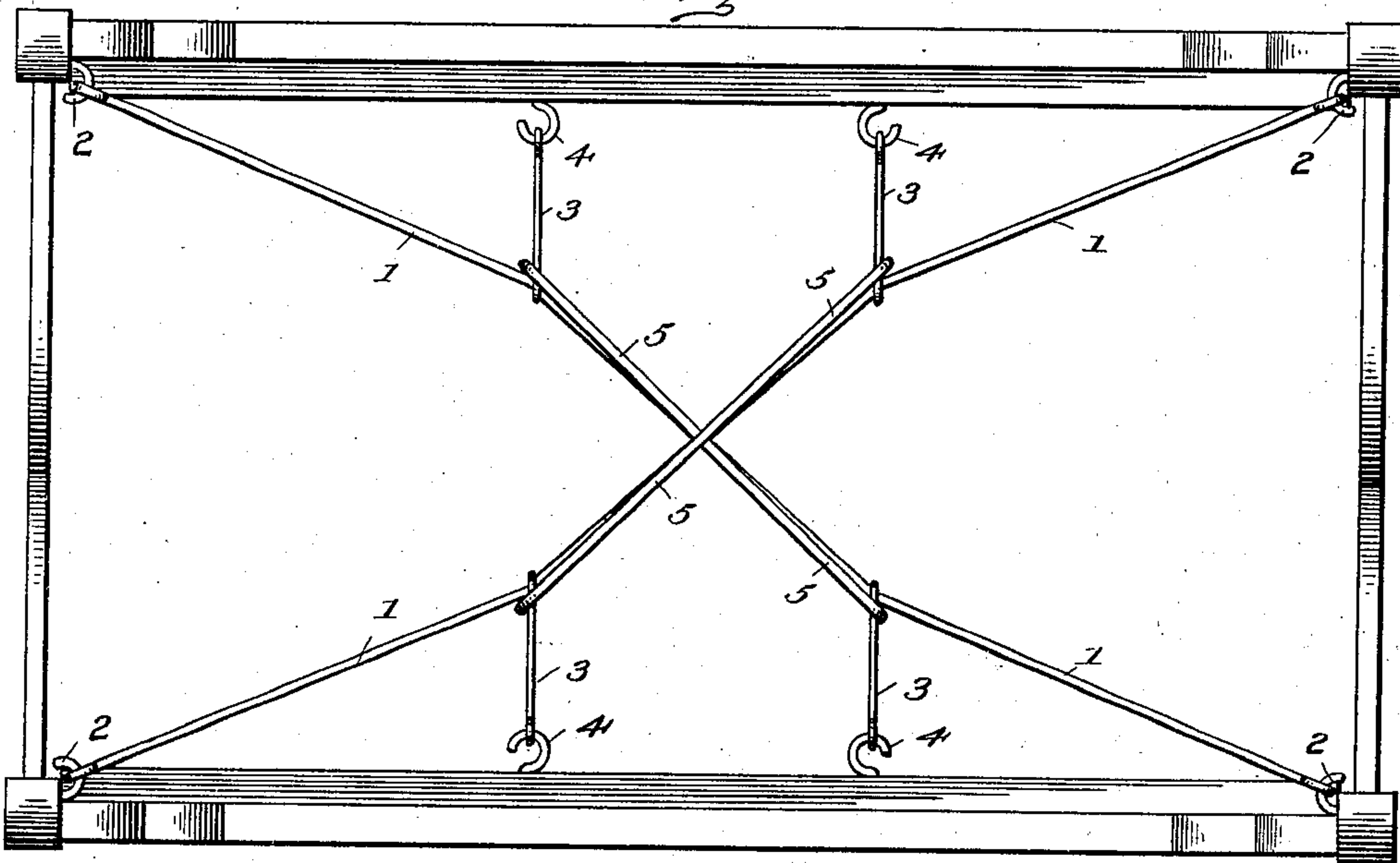


Fig. 2.



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JAMES L. WHITE, OF SALISBURY, NORTH CAROLINA.

FURNITURE-BRACE.

SPECIFICATION forming part of Letters Patent No. 742,266, dated October 27, 1903.

Application filed August 13, 1903. Serial No. 169,382. (No model.)

To all whom it may concern:

Be it known that I, JAMES L. WHITE, a citizen of the United States, residing at Salisbury, in the county of Rowan and State of North Carolina, have invented new and useful Improvements in Furniture-Braces, of which the following is a specification.

This invention has relation to furniture-braces; and it consists in the novel construction and arrangement of its parts, as hereinafter described.

The device is especially adapted to be applied to beds, and it is intended to rigidly hold the head and foot boards against the side rails. The device is so constructed that the braces may be easily and readily removed, thereby permitting the framework to be quickly knocked down or taken apart.

It consists, primarily, of two wires or stays crossing each other and each extending diagonally across the bed-bottom and being secured at their ends to the head and foot boards. A simple and durable means is provided for distorting said wires or stays out of a straight line, and thereby drawing the head and foot boards closer together and impinging between them the side rails.

In the accompanying drawings, Figure 1 is a top plan view of the device applied to a bed, showing the wire or stay distorting means removed. Fig. 2 is a top plan view of the device applied to a bed, showing the wire or stay distorting means in place.

The brace consists of the cross wires or stays 1 1, which extend diagonally across the bed-bottom and engage the hooks or eyes 2 2, which are secured to the head and foot boards. The wires 1 1 are just of sufficient length to reach in a straight line from one corner of the framework to the opposite diagonal corner thereof. Consequently when the said wires are distorted out of a straight line they are slightly shortened or their ends are slightly brought together, and the head and foot boards tightly clamp the side rails. The device for distorting the said wires consists of links 3, which surround the said wires at one end,

but are slidable thereon and are attached at their ends to the hooks or eyes 4, which in turn are attached to the side rails of the frame.

The rods 5 5 are hooked at each end and are adapted to be hooked over or on the links 3, between the wires 1 and the side rail of the bed, and as the said rods extend diagonally across the center of the bed-bottom the said links to which each said rod is attached are drawn closer together and the wires or stays 1 are distorted out of a straight line and the head and foot boards are drawn closer together. In moving the links toward each other their inner ends slide upon the wires 1 and describe a small arc of a circle. This movement not only draws the head and foot boards closer together, but has a tendency to draw in the side rails, and thus prevents them from spreading.

To take the bed apart, the rods 5 5 are disengaged from the links 3 and the wires 1 1 are disengaged from the hooks 2 2, and the framework of the structure is separated, thus permitting the furniture to be rapidly knocked down and removed and as rapidly assembled.

The device may be applied to couches, sofas, and other articles as well as beds.

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

A furniture-brace, consisting of cross-wires attached at their ends to diagonal corners of the frame, links receiving said wires and adapted to slide thereon and being secured to the side rails and rods hooked at their ends and adapted to cross and engage said links diagonally and hold the links toward each other and distort said wires.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES L. WHITE.

Witnesses:

FRANK J. HEWSTON,
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