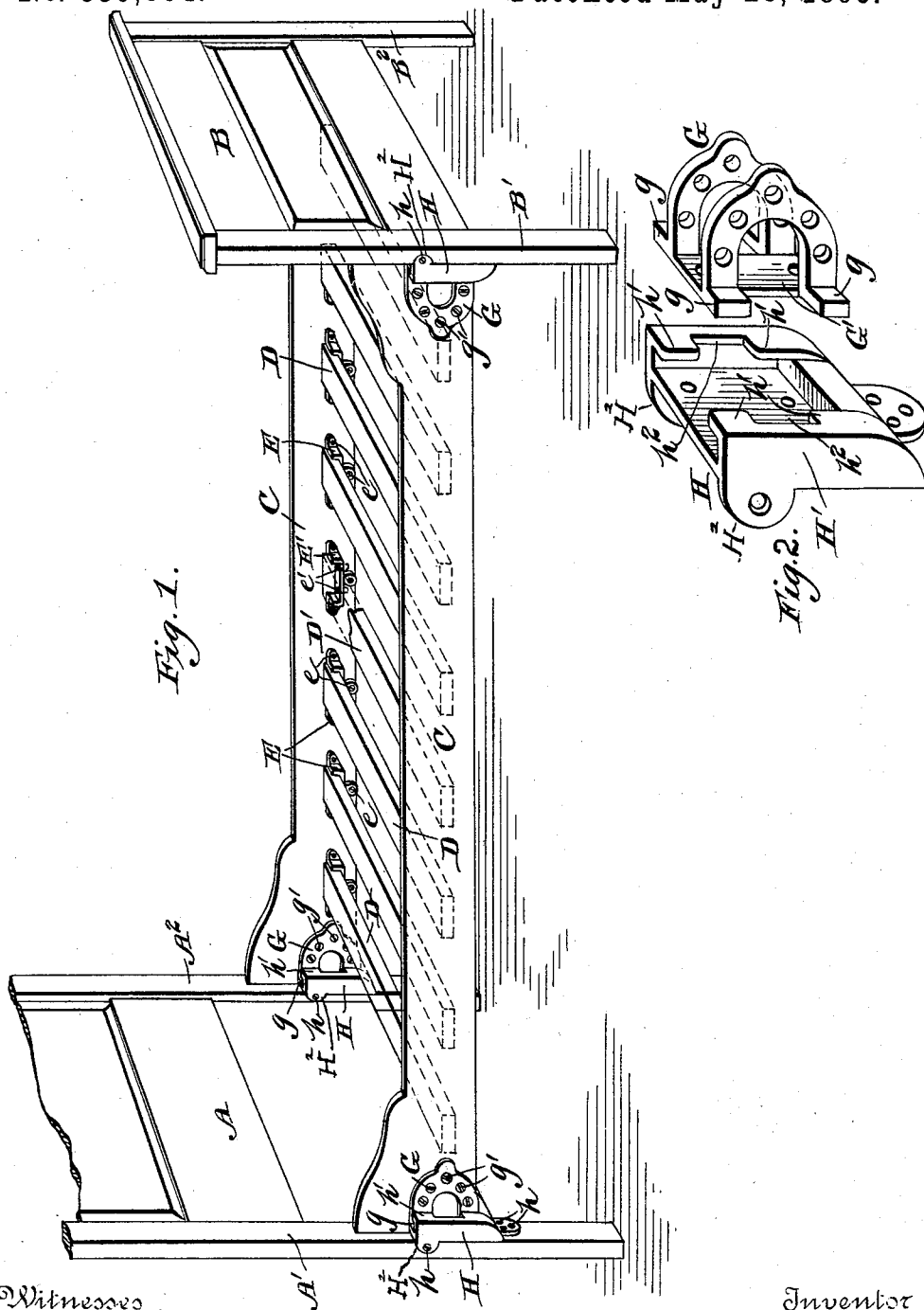


(No Model.)

P. FINLEY.
BEDSTEAD.

No. 539,864.

Patented May 28, 1895.



Witnesses

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PATRICK FINLEY, OF WASHINGTON, DISTRICT OF COLUMBIA.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 539,864, dated May 28, 1895.

Application filed November 16, 1893. Serial No. 491,105. (No model.)

To all whom it may concern:

Be it known that I, PATRICK FINLEY, a subject of the Queen of Great Britain and Ireland, but having applied for citizenship of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to interlocking metallic devices for fastening together the side rails and posts of bedsteads or corresponding elements of other articles and structures and consists in the construction and combination of parts substantially as hereinafter set forth and claimed.

In the accompanying drawings, Figure 1 represents a perspective view of a bedstead embodying my invention, the binding-slats being broken away to show the supporting-bracket for the farther end, and the dowel pins of the middle slat being indicated by dotted lines; and Fig. 2 represents a perspective detail view of the fastenings for the posts and side rails, they being slightly separated.

A designates the head-board having posts A' A²; B, the foot-board having posts B' B²; C, the side-rails, and D the slats, except the middle one which is designated D'.

Each end of each of the side rails C is provided with a metal fastening device G consisting of two U-shaped bars fitting against the sides of the said rail and a double-headed T-plate G' connecting them at the end of the said rail, the whole constituting an integral cap, preferably a casting, having lateral lugs g at top and bottom. It is fastened to the said rail by screws g'. H designates corresponding sockets or brackets, preferably of cast metal, which are fastened to the posts A' A² B' B² by screws h. Each of them is provided with a broad back and sides H', from which sides the lips or flanges h' extend inwardly in pairs at top and bottom, leaving openings h² between, to facilitate the separation of the side-rails when this is desired, it being only necessary to raise one of the said rails until the lower pairs of lugs g come opposite the openings h² and the upper

pairs of lugs come above the upper flanges h', when the said side rail may be detached with very little trouble. Wings H² extend back from the back plate of the socket or bracket, and fit on the sides of the post, being securely braced by the said back plate, which fits against the front of the post. The said back plate and wings hold the socket securely in place without any need for mortising, and the entire strain comes on them and on the outside of the post, with no risk of splitting or tearing the woodwork. Of course these fastening devices may be applied to any other articles or structures besides bedsteads.

The sockets or hollow brackets H being wholly of metal, and the wood of the bedposts not being recessed at all, no harbor for chinchies is provided, and no dust or trash will gather, except such as may be easily cleaned away. The posts will last longer, not being weakened by cutting away or by rotting. The sides of the sockets brace the ends of the side rails C by contact with the ends of the lateral lugs g, and the back plate of the socket with the lips or flanges h' embrace the front and rear faces of the said lugs. These fastenings make the bedstead as a whole very neat, simple, strong and durable.

I am aware that it is not broadly new to secure the side bar or side board of a bedstead to a post by means of a casting which has a wing or blade sunk into the wood of the said post and a pair of tines or studs for engaging an attachment on the end of the said side bar or side board. I am also aware that it is not new to secure the side rail and post together by means of interlocking parts having a dovetail tenon and mortise. I am also aware that it is not broadly new to provide one of the fastening devices or castings thus used with two parallel wings adapted to receive one of the parts of the woodwork between them. I am also aware that it is not new to provide the slats of a bedstead and the parts of the side bars and side rails which immediately support the same with interlocking plates having a pin and hole connection and guarded by flanges as described. I do not claim any of the foregoing devices broadly.

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

In combination with the four posts and the two side rails, the sockets or brackets H one of which is attached externally to each one of the said posts and constructed with a broad back, sides H' , lips or flanges h' extending inwardly from the sides and openings h^2 between the said lips, and the fastening devices G one of which is attached externally to each end of a side rail, each device G being provided with two bars fitting against the sides of the said rail, a double headed T-plate G' connecting them across the end of the said rail and four laterally extending lugs g , the lower two lugs being adapted to enter the openings h^2 of the proximate bracket or socket H, so that the said four lugs g may fit behind the flanges h' thereby locking the said parts G and H together and securing the side rails to the posts by strong and wholly external fastenings substantially as set forth.

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

PATRICK FINLEY.

Witnesses:
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