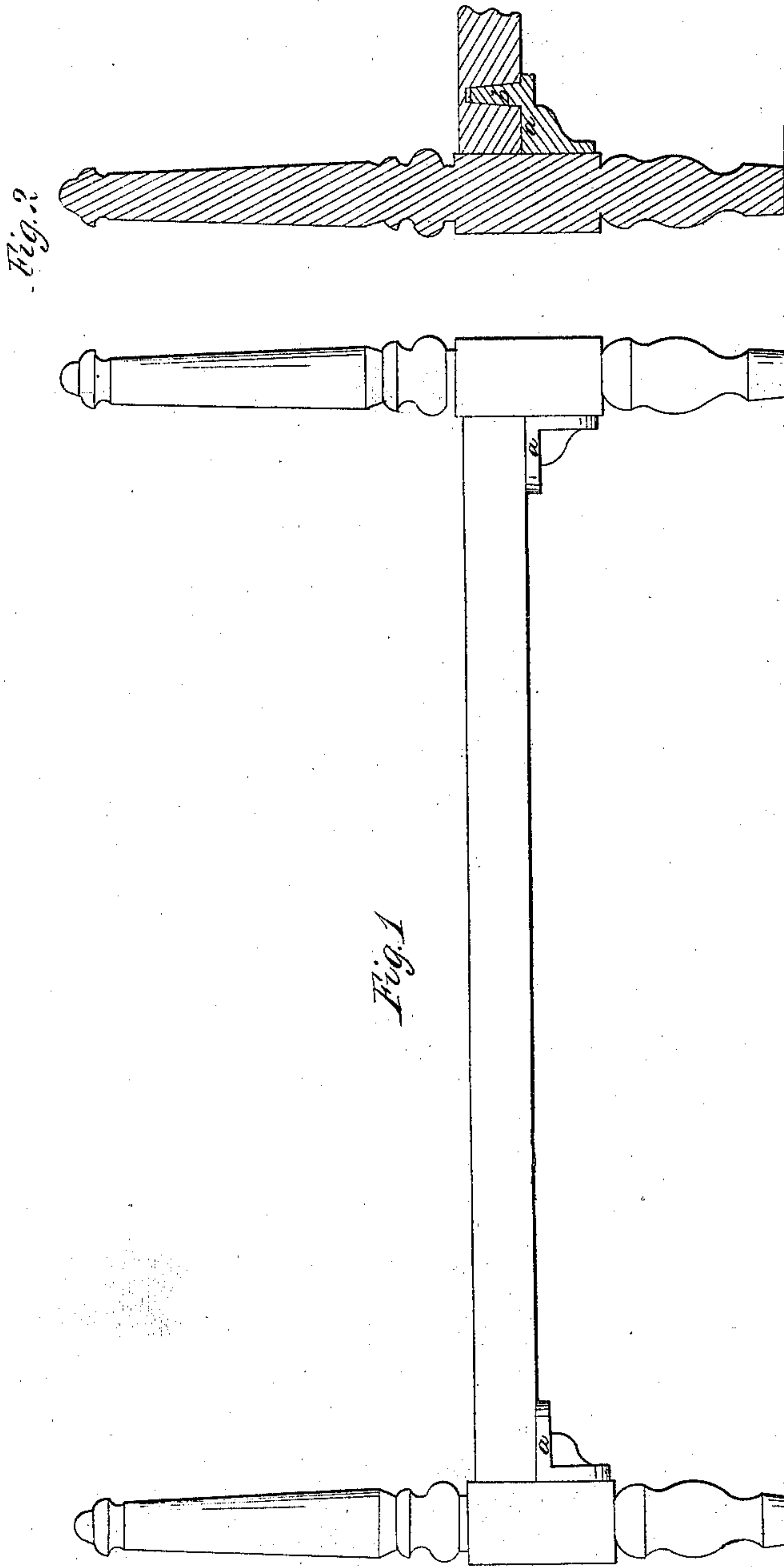


*E. R. Ball,*

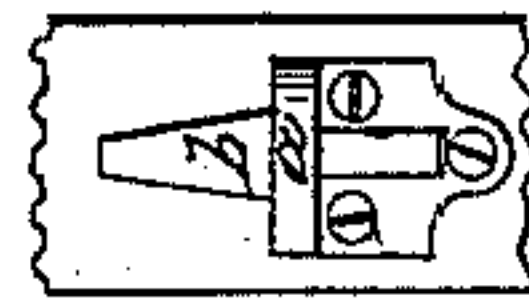
*Bedstead Fastening.*

*N<sup>o</sup> 10,731.*

*Patented Apr. 4, 1854.*



*Fig. 3*



# UNITED STATES PATENT OFFICE.

EASTMAN R. BALL, OF KALAMAZOO, MICHIGAN.

## BEDSTEAD-FASTENING.

Specification of Letters Patent No. 10,731, dated April 4, 1854.

*To all whom it may concern:*

Be it known that I, EASTMAN R. BALL, of the town and county of Kalamazoo, in the State of Michigan, have invented a new and Improved Mode of Fastening the Rails to the Posts of Bedsteads; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making  
10 a part of this specification, in which—

Figure 1, is a side elevation of a bedstead; Fig. 2, a section cut through the center of one of the posts and a portion of a rail; and Fig. 3, a side view of a section of a post  
15 and the sustaining bracket with its fastening pin secured thereto.

Similar letters refer to corresponding parts in all the figures.

The nature of my invention consists in  
20 fastening the rails to the posts of a bedstead by means of sustaining brackets *a*, secured to the posts, and conical fastening pins *b*, rising from the outer extremities of the said brackets and fitting into conical  
25 holes in the under sides of the rails; the said conical fastening pins, (*b*,) and the conical holes in the rails which receive them, being in such positions, respectively, that when the rails are forced down upon the  
30 faces of the brackets, the posts will be

drawn inward and be tightly pressed against the ends of the rails; and when the rails are slightly elevated from the faces of the brackets, their fastening will be freely loosened to allow the bedstead to be taken  
35 to pieces.

Each sustaining bracket *a*, and its fastening pin *b*, I shall generally have cast in one piece, of iron, or other suitable metal. The conical holes in the rails which receive  
40 the conical fastening pins, may be simply formed in the wood by any suitable instrument. The brackets are intended for the support of the weight of the rails, and the conical pins rising from the said brackets,  
45 to fasten the posts and rails firmly together.

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

Fastening the rails to the posts of a bedstead by means of the combined sustaining  
50 brackets and conical fastening pins (*a*, *b*,) secured to the posts, and the conical holes in the under sides of the rails, arranged and operating with each other substantially as herein set forth.

E. R. BALL.

Witnesses:

GEO. THOS. CLARK,  
S. W. TRASKE.