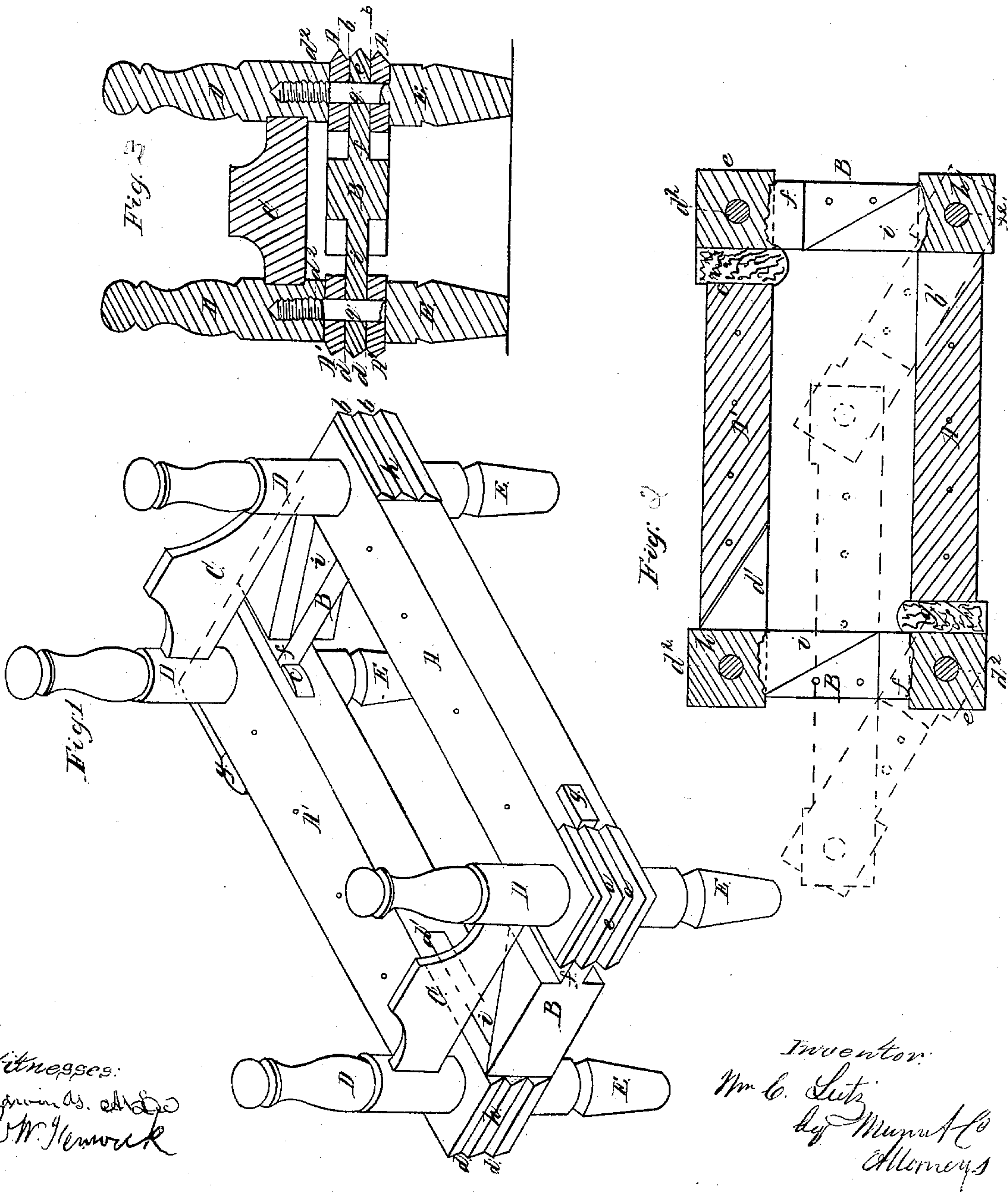


W. C. Lutz,

Folding Bedstead,

N<sup>o</sup> 27,299.

Patented Feb. 28, 1860.



Witnesses:  
 George W. Adams  
 R. W. Newcomb

Inventor:  
 Wm. C. Lutz  
 by Munn & Co  
 Attorneys



# UNITED STATES PATENT OFFICE.

WILLIAM C. LUTZ, OF JACOBS CHURCH, VIRGINIA.

## FOLDING BEDSTEAD.

Specification of Letters Patent No. 27,299, dated February 28, 1860.

*To all whom it may concern:*

Be it known that I, WM. C. LUTZ, of Jacobs Church, in the county of Shenandoah and State of Virginia, have invented  
5 a new and useful Improvement in Folding Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, in which—

10 Figure 1, is a perspective view of a folding bedstead constructed after my invention. Fig. 2, is a horizontal section of the same, and Fig. 3, a transverse section of the same.

15 Similar letters of reference, in each of the several figures indicate corresponding parts.

My invention consists in the peculiar construction and arrangement of the several parts of the bedstead, whereby durability  
20 and simplicity are secured and the bedstead at the same time rendered capable of being folded so as to occupy but a small space when not in use or be readily passed through small openings or doors, whenever it be-  
25 comes necessary to move it from one place to another.

To enable others, skilled in the art, to make and use my bedstead, I will proceed to describe its construction and operation.

30 A, A, represent the side rails, B, B, the end rails, C, C, the head and foot boards, D, D, D, D, the posts and E, E, E, E, the legs of a bedstead.

The side rail A', is provided with a rectangular open mortise *a*, at its foot end and with a partly rectangular and partly triangular shaped open mortise *b*, *b'*, at its head end, and the side rail A', is furnished with similar open mortises *c*, *d*, *d'*, which are set  
40 just in the reverse order of the mortises *a*, *b*, *b'*, as represented in Figs. 1 and 3, of the drawing.

The foot and head rails are provided with rectangular tenons *e*, *f*, at one of their re-  
45 spective ends and with tenons *h*, *i*, which are partly rectangular and partly triangular at their other respective ends, as represented in the drawings.

50 The rectangular tenons are made considerably longer than the width of the side rails and the rectangular mortises are likewise

made longer than the width of the foot and head rails, as shown in the drawing. The elongation of the rectangular mortises is necessary in order to allow of wedges *g*, *g'*,  
55 being introduced as shown so as to prevent a folding of the bedstead when it is in use, and the elongation of the rectangular tenons with the extension of the partly rectangular and partly triangular mortises and tenons  
60 is to allow of the bedstead being folded, when the wedges are withdrawn, from the condition shown in black lines to the condition shown in red lines in Fig. 2.

The posts D, legs E, and side and end  
65 rails are connected together by means of the screw dowels *d*<sup>2</sup>, *d*<sup>2</sup>, *d*<sup>2</sup>, *d*<sup>2</sup>, provided on the upper ends of the legs, said screw dowels passing up through plain round holes in the mortised and tenoned ends of the rails, and  
70 into screw tapped sockets cut in the lower ends of the posts in the manner represented.

It should be observed here that the portion *g* of the screw dowels should be plain in order that the rails may turn freely on the  
75 same when it is desired to fold the bedstead: thus making this portion plain does not interfere with the effective action of the screw dowels, for by turning the legs until their  
80 top ends jam against the underside of the rails, the posts legs, and end and side rails will be firmly clamped together and then by inserting the wedge keys, the posts will be kept from moving.

To fold up the bedstead, all that has to  
85 be done is to withdraw the wedge keys and then force the side rails together until the angular portions of the tenons fit into the triangular portions of the mortises, as represented in red in Fig. 2.  
90

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

The arrangement of the peculiarly mortised and tenoned side and end rails, screw  
95 doweled legs screw tapped posts and wedge keys, in the manner and for the purpose herein described.

WILLIAM C. LUTZ.

Witnesses:

JACOB LANTZ,  
E. H. BERRY.