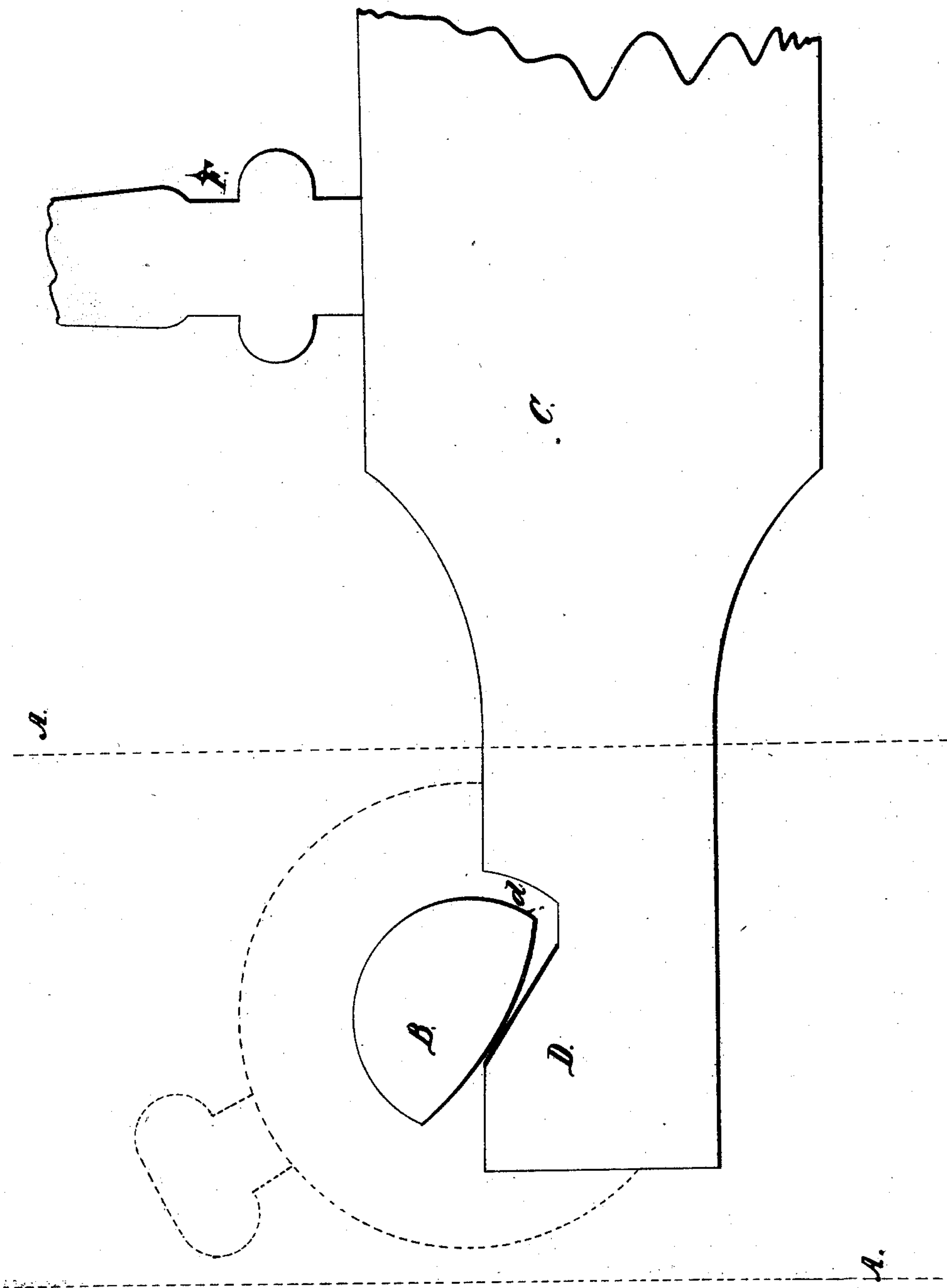


*R. Maxwell,*

*Bedstead Fastening,*

*Nº 21,841.*

*Patented Oct. 19, 1858*



# UNITED STATES PATENT OFFICE.

R. MAXWELL, OF TUCKER COUNTY, VIRGINIA.

## BEDSTEAD.

Specification of Letters Patent No. 21,841, dated October 19, 1858.

*To all whom it may concern:*

Be it known that I, RUFUS MAXWELL, of the county of Tucker and State of Virginia, have invented a new and Improved Mode of  
5 Constructing Bedsteads; and I do hereby declare that the following is a full and exact description of the construction and operation thereof, reference being had to the accompanying drawing and letters of reference marked thereon, making a part of this  
10 specification.

The drawing represents the position of the rails, when in use, as they would be seen from the outside of the bedstead if the post  
15 was removed. The outline of the post is shown by the dotted lines A A. The dotted circle shows the outer periphery of the side rail.

C is the end rail.

20 The rails are turned, reducing them at the ends, as far as they go into the posts, to about  $1\frac{3}{4}$  inches in diameter, and notch  $d$ , is cut near the ends of end rails, to the depth of about  $\frac{1}{3}$  of the diameter of the tenon, and,  
25 so that when the end of the rail rests on the bottom of the hole bored in the post for its reception, the tenon B of the side rail will fit on it as shown at D.

30 The depression of the side D, of the notch  $d$ , should be about  $30^\circ$ . The tenon on the side rail is curved, on the underside, with a

radius of about  $2\frac{1}{2}$  inches, as shown, from such distance from the end as may be necessary to admit it far enough into the notch  $d$ .

When the cords are tightened the curved  
35 surface of the tenon B will roll on the flat surface of the notch  $d$ , at D, until the rails become tightened. Thus the increasing resistance is opposed to the weight upon the cords. As the end rail is below the side rail,  
40 and the cords should be level, a recess, F, is made for the cords, in the columns, which extend from the end rails into rollers above them. The end rails are kept to their place  
45 by the strain on the transverse cords being resisted by the notch  $d$ , which has the effect to press the end rail firmly against the under side and also the bottom of the hole, or mortise, prepared for it; while the side rails  
50 are pressed against the top of the hole or mortise, and are retained against the bottom by the strain on the longitudinal cords.

What I claim is—

The construction and arrangement of the  
end rail C with the notch  $d$ , the side rail  
55 with the tenon B, substantially as described, as and for the purpose specified.

RUFUS MAXWELL.

Witnesses:

S. H. ERVIN,  
F. D. TALBOTT.