

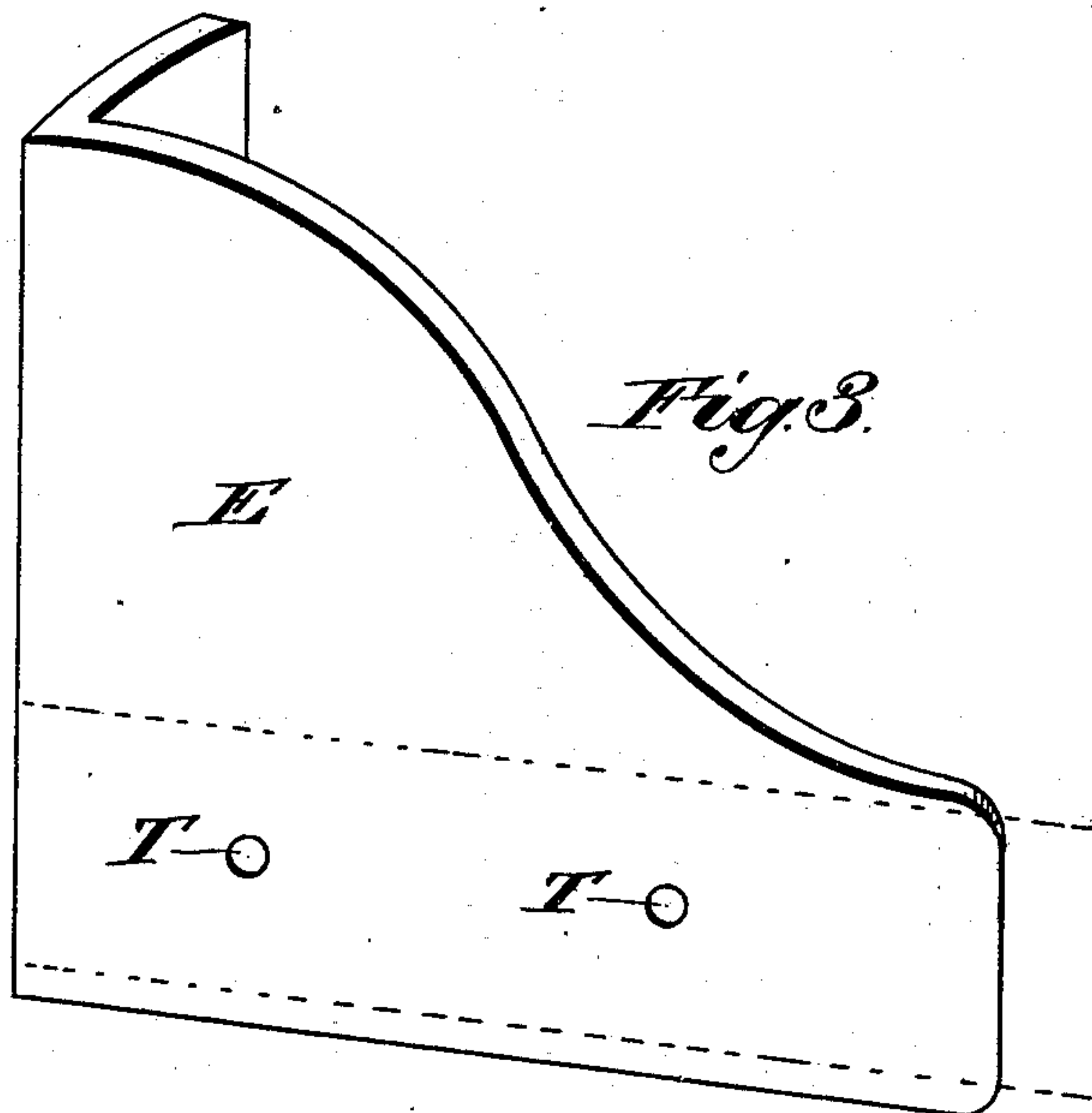
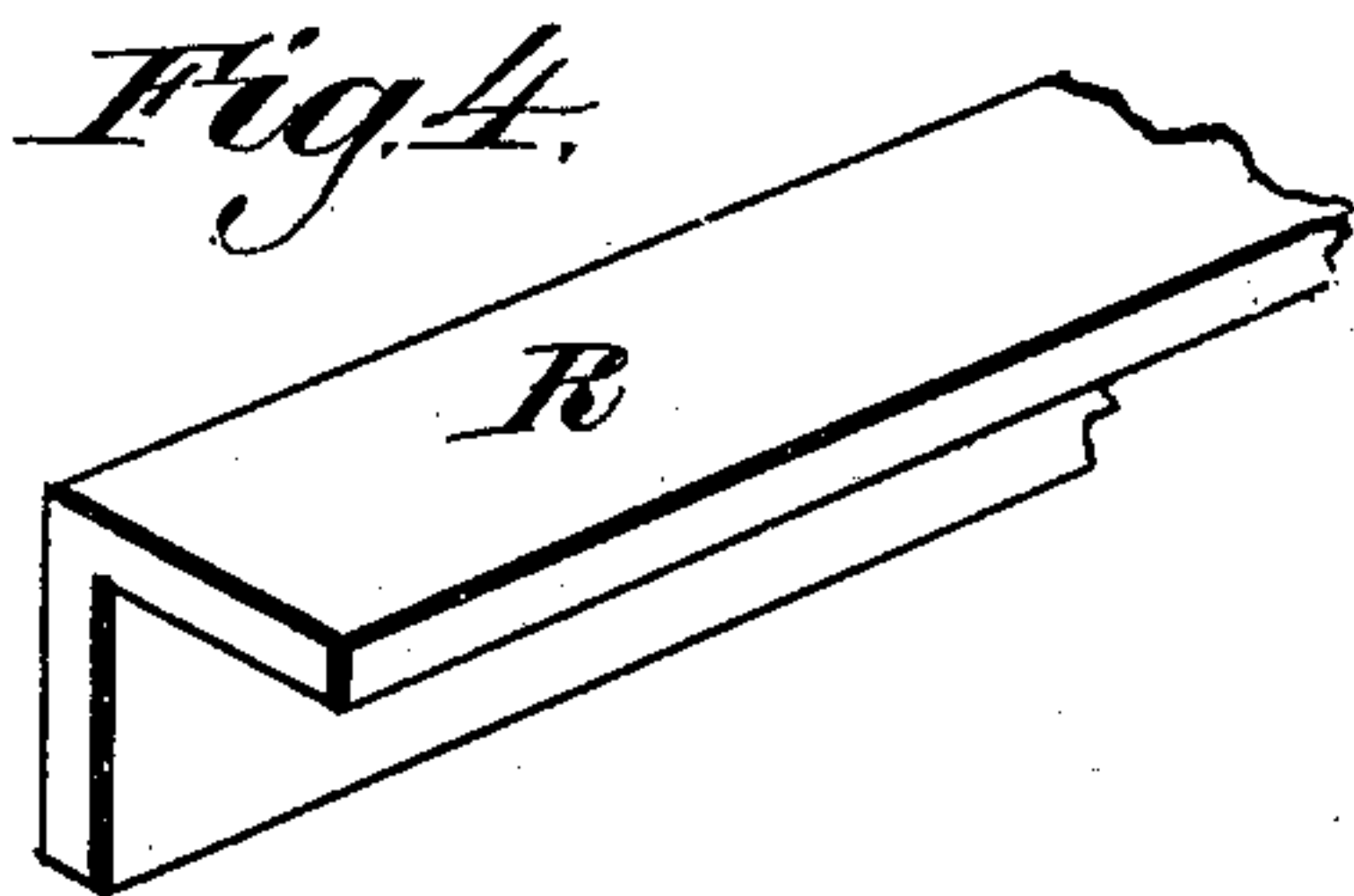
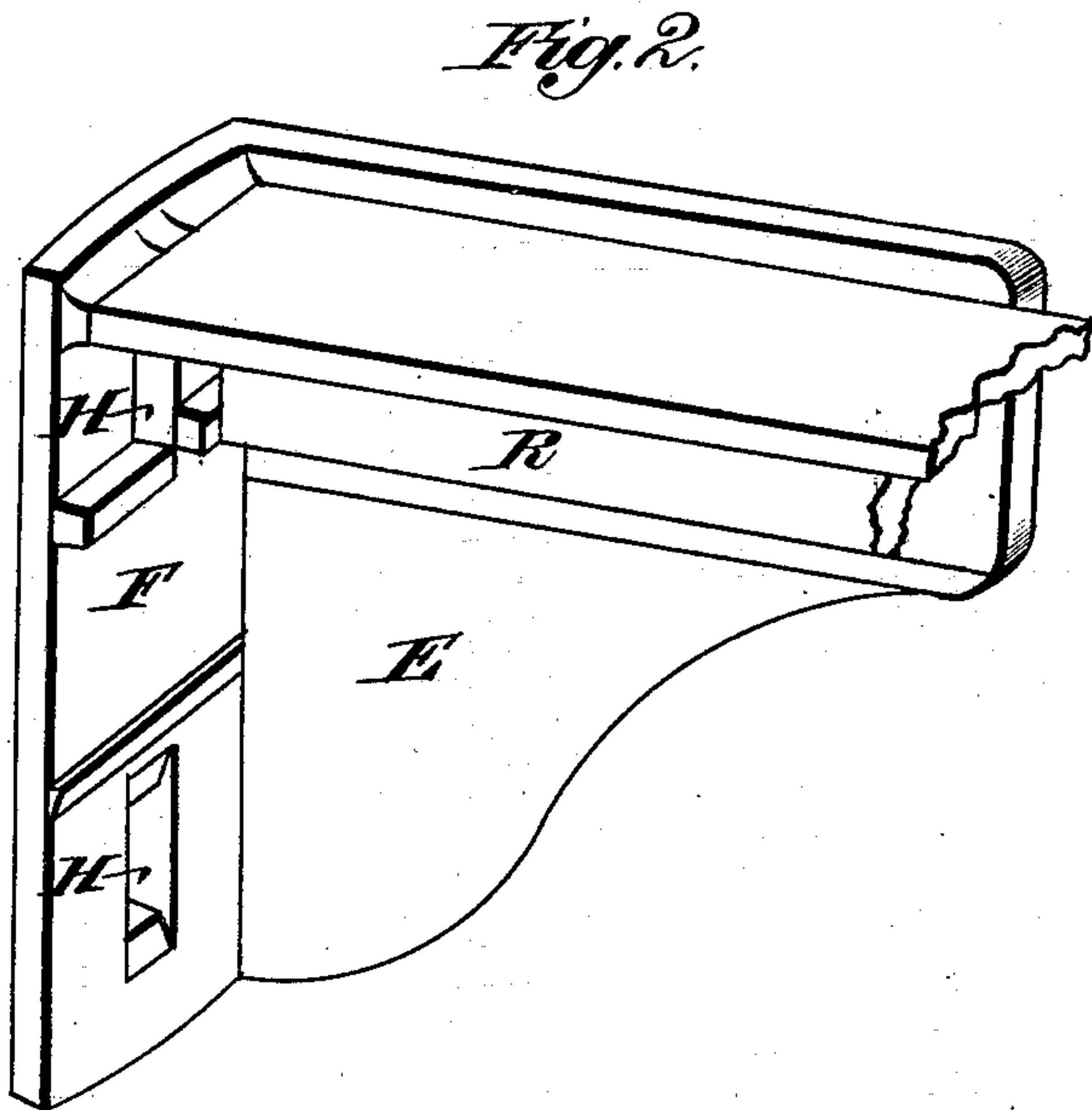
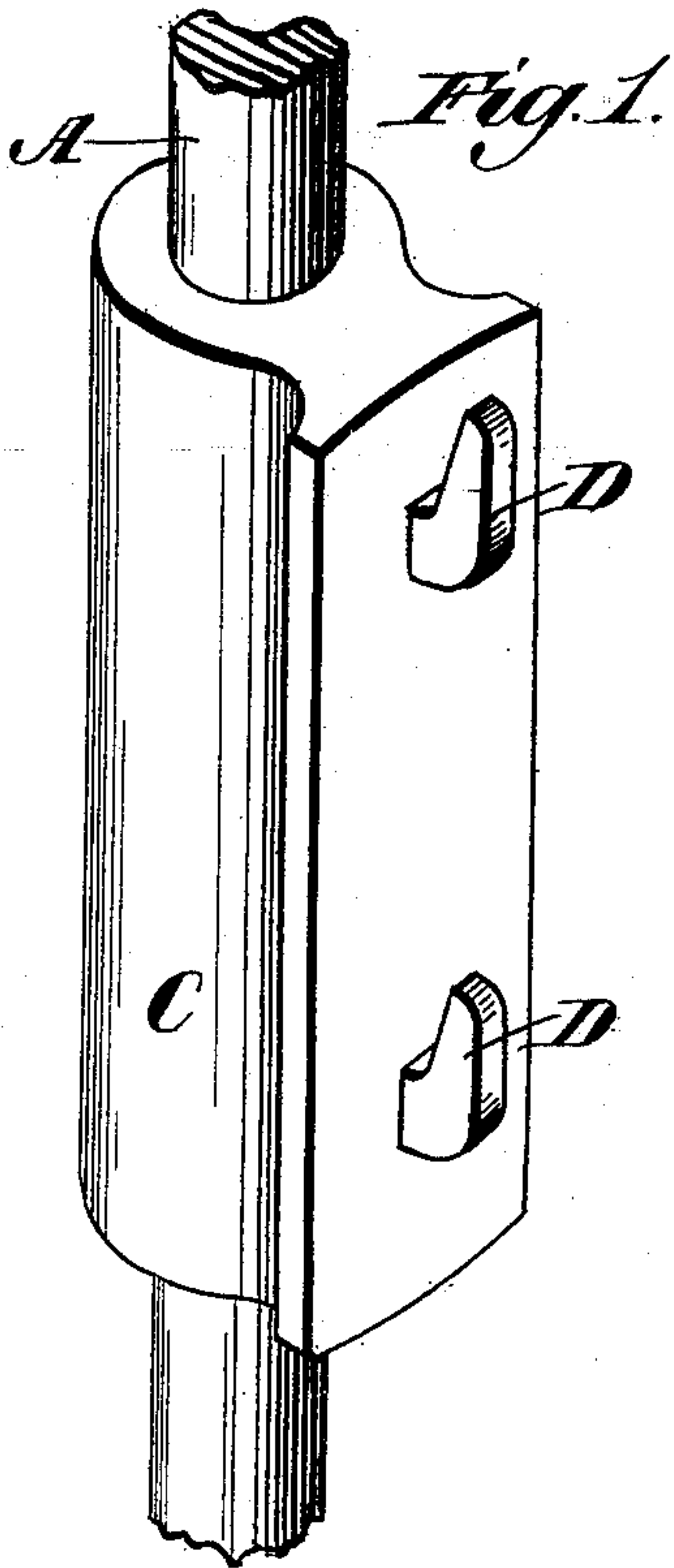
No. 623,038.

Patented Apr. 11, 1899.

C. F. ROOD.
METAL BEDSTEAD.

(Application filed Dec. 9, 1897.)

(No Model.)



Witnesses.
Robert Connett.
J. B. Keefe.

Inventor.
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His Atty.

UNITED STATES PATENT OFFICE.

CHARLES F. ROOD, OF GRAND RAPIDS, MICHIGAN.

METAL BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 623,038, dated April 11, 1899.

Application filed December 9, 1897. Serial No. 661,236. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. ROOD, a citizen of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Metal Bedsteads, of which the following is a specification.

This invention relates to certain new and useful improvements in metal bedsteads; and the invention consists in the new and novel method of securing the side rails to the upright posts and also to the principle of adjusting the side rails so as to vary the elevation.

The objects of my invention are to provide a novel, simple, efficient, strong, and durable attachment which will hold the side rails of the bedstead rigidly in position when in use and to enable the said rails to be raised or lowered by reversing the plates to which the ends of the rails are connected.

To accomplish these objects, my invention consists in the features of construction and in the combination or arrangement of parts hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 shows a portion of a bed-post with the collar secured thereto and the supporting lugs or hooks, the whole being shown in perspective. Fig. 2 shows a perspective view of the side-rail plate with a portion of the side rail attached thereto, the same showing in perspective from the inner side, so that it shows the inner side of the plate and the inner side of the rail. Fig. 3 shows an outside view of the side-rail plate detached, the dotted lines showing the position of the side rail. Fig. 4 is a perspective view of one of the side rails detached from the plate.

This invention is adapted for use in connection with all kinds of metal beds, and is peculiarly adapted to what are known as "iron" bedsteads.

Like letters refer to like parts throughout the several views.

A represents the bed-post, which is preferably cylindrical, but may be made in any suitable form.

C represents a collar which surrounds the post A and secured rigidly in such position by any suitable and well-known means. This

collar C may be of any suitable form and is provided with lugs, one or more, (shown by D D.) These lugs have upward projections which are adapted to engage with the slots H H of the bed-rail plate E. The bed-rail plate E is provided with a smooth face, (shown by F,) which face F is substantially at right angles to the main body of the plate E and fits closely against the flat surface of the collar C, the lugs D D, as above stated, engaging with the slots H H, and thereby retaining the plate securely in position. These lugs are constructed in the form of the ordinary bed-irons, preferably—that is, having an incline, as shown, so that the plate E when pressed down is drawn in close and rigid contact with the collar C.

In the construction of metal beds it is desirable to make the posts and framework as light as possible, and it has been found impracticable to secure the side rails to the posts without weakening the post when the lugs or other means for attaching the said rails to the posts have been secured to the posts through openings therein or where the posts have been constructed with screw or bolt holes; but by using the collar entirely surrounding the post the post is strengthened and the collar forms a secure and rigid attachment for the side rails to the posts. The side rail R is connected to one end of the bed-rail plate E by rivets or bolts, as at T, Fig. 3, but the end of the side rail may be connected to one end of the bed-rail plate by means other than rivets or bolts—that is to say, in any suitable manner—and may be constructed, if found desirable, of a single piece of metal.

While I have shown the surface of the angle-piece F as flat, I do not desire to limit myself to this construction, as it will be evident that the plate may be constructed in different forms, but in all cases should be adapted to fit the peculiar form of the collar with which it comes in contact. The side rail R is made of angle-iron, as shown in Fig. 4, and when secured to the side rail they become substantially one piece.

In the example of my invention shown in the drawings I have illustrated but one post, one plate, and one side rail; but it will be understood that a bed constructed in accordance

with my invention will contain four posts, two side rails, and a plate at the end of each side rail.

It will be noted that when the side rail and plate are attached to the post with the straight side of the side-rail plate uppermost, as shown in Fig. 2, the side rail will be much higher from the floor than when the same is reversed, Fig. 3 showing the position of the plate and side rail when reversed. By this construction the same side rail and side-rail plate may be used in connection with the same posts, so to secure a high or low bed, as may be required.

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

In a metallic bedstead, the combination

with a metal post A, of a collar C secured to the post and having a vertical face provided with hooks or lugs D projecting therefrom, a reversible bed-rail plate E having an angular extension F provided with a face corresponding to the face of the collar and constructed with openings H which receive the said hooks or lugs, and a side rail connected to one end of said bed-rail plate and reversible therewith, substantially as and for the purposes described.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses.

CHARLES F. ROOD. [L. S.]

Witnesses:

EDWARD TAGGART,

CHRISTOPHER HONDELINK.