

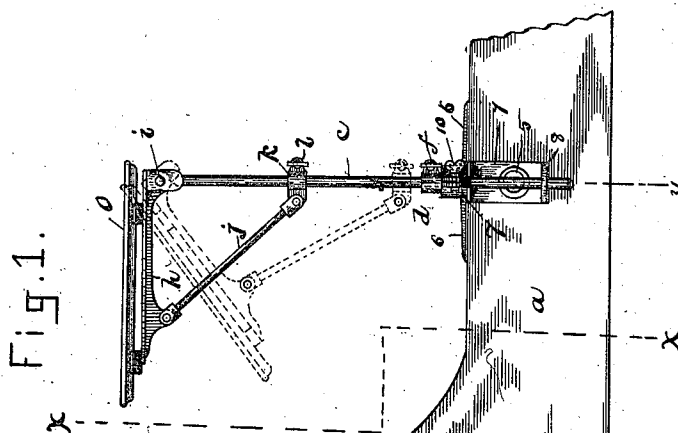
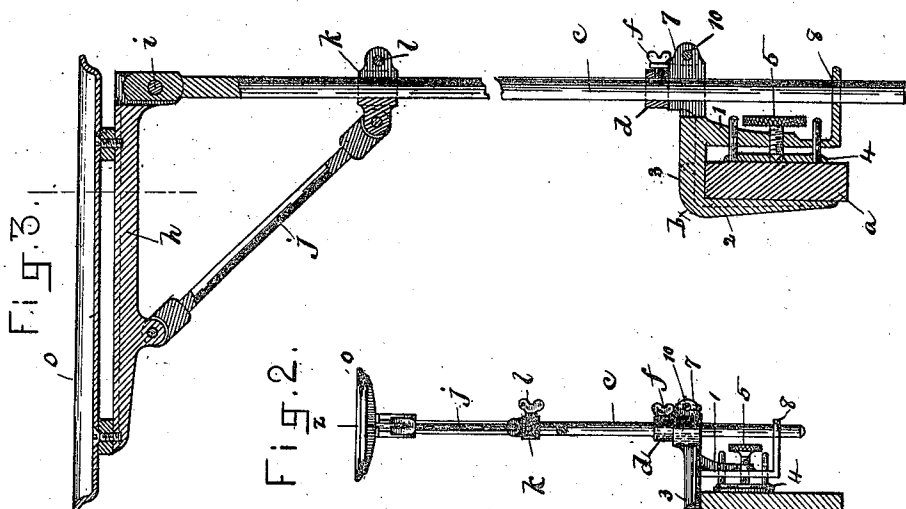
(No Model.)

S. B. BARTOW, Jr.

TRAY ATTACHMENT FOR BEDSTEADS.

No. 355,911.

Patented Jan. 11, 1887.



WITNESSES:

H. Brown.

A. H. Brown.

INVENTOR:

S. B. Bartow, Jr.
Wright, Brown & Crossley,
attys.

UNITED STATES PATENT OFFICE.

SAMUEL B. BARTOW, JR., OF FITCHBURG, MASSACHUSETTS.

TRAY ATTACHMENT FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 355,911, dated January 11, 1887.

Application filed May 19, 1886. Serial No. 202,686. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL B. BARTOW, Jr., of Fitchburg, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Tray Attachments for Bedsteads, of which the following is a specification.

This invention has for its object to provide devices whereby a tray or other flat support may be detachably secured to the side rail of a bedstead, and held either horizontally or at any desired inclination and at any desired height, and either over the bed or at one side thereof.

The invention consists in the combination of a bracket or clamp adapted to be applied to one of the side rails of a bedstead, a standard adapted to be supported vertically at various heights and to rotate in said bracket, and a tray or shelf secured to the upper end of said standard, the tray being capable of swinging in a horizontal plane, so as to project more or less over the bed and stand at different distances from the head thereof.

The invention also consists in the means employed to support the tray or shelf, either horizontally or at any desired inclination, all of which I will now proceed to describe.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a side elevation of a portion of a bedstead having my improved attachment. Fig. 2 represents a section on line *x x*, Fig. 1, looking toward the left. Fig. 3 represents a section, the lower part of which is taken on line *y y*, Fig. 1, and the upper part on line *z z*, Fig. 2, the tray being in a position at right angles to that shown in Figs. 1 and 2.

The same letters of reference indicate the same parts in all the figures.

In the drawings, *a* represents one of the side rails of a bedstead.

b represents a clamp or bracket, composed of two arms, 1 2, and a connecting-piece, 3, formed to bestride said rail and bear on the upper edge thereof and provided with a movable plate, 4, located between said arms and backed by a screw, 5, which works in a socket in the arm 1, said screw being adapted to press the plate 4 against the outer surface of the rail, and thus cause the plate and the arm 2 to firmly grasp the rail. The bracket is provided with lateral arms 6 6, which bear upon the upper edge of the rail and prevent the bracket from tipping.

If desired, the surfaces of the bracket and plate that come in contact with the rail *a* may be padded to prevent disfigurement of the rail.

The bracket is provided with sockets 7 8, in which is inserted a vertical cylindrical standard, *c*. Said standard has a collar, *d*, adjustably secured to it by a set-screw, *f*, and this collar, bearing on the upper socket, 7, determines the height of the standard *c*, as will be readily seen. The standard is capable of rotating in the sockets 7 8, so that the tray, hereinafter described, supported by said standard may be turned or swung horizontally.

o represents the tray, which is rigidly attached in any suitable manner to an arm, *h*. Said arm is pivoted at *i* to the upper end of the standard *c*.

j represents a brace, which is pivoted at one end to an ear on the arm *h* and at the other end to a split collar, *k*, which is adjustable on the standard *c*, and is clamped upon the standard at any point to which it may be adjusted by a screw, *l*. The tray is thus adapted to be supported horizontally, as shown in full lines, to support dishes, &c., or in an inclined position, as shown in dotted lines, for use in reading or writing.

It will be seen that the tray may be swung horizontally, so as to project either over the bed or away from it, and may be raised or lowered, as may be desired.

The tray may be prevented from swinging horizontally by clamping the socket 7, which is split, upon the standard *c* by means a screw, thus preventing the rotation of the standard.

I claim—

The combination of the socketed bracket adapted to clamp a bedstead-rail, the standard *c*, supported thereby, the tray jointed to the upper end of said standard, the collar *k*, vertically adjustable on said standard and provided with means whereby it may be held at any point to which it may be adjusted, and the brace *j*, pivotally connected to the tray and collar, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 11th day of May, in the year 1886.

SAM B. BARTOW, JR. [L. S.]

Witnesses:

CHAS. A. MORGAN,
ALVAH CROCKER.