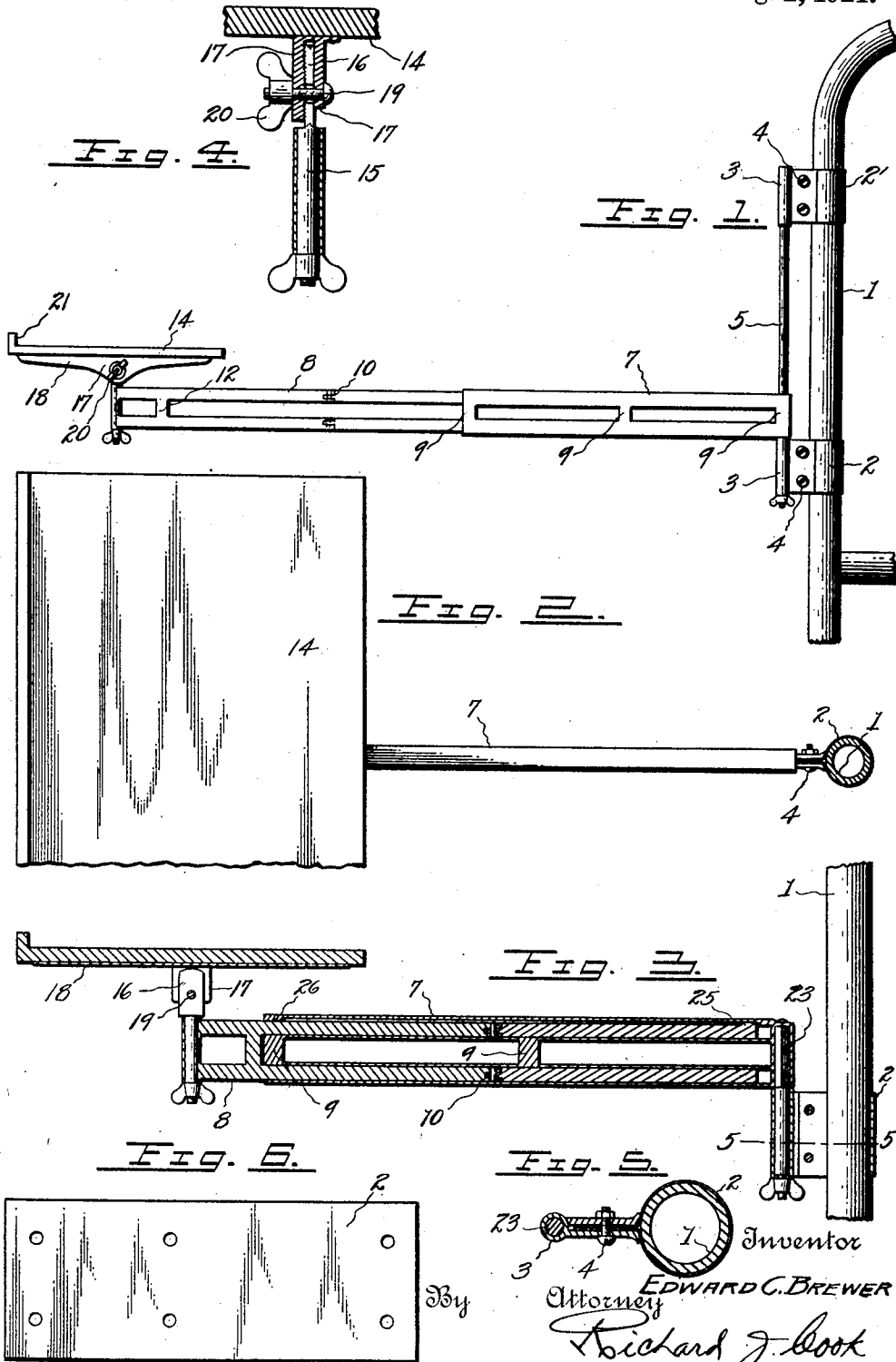


E. C. BREWER.
INVALID BED TABLE.
APPLICATION FILED JUNE 22, 1920.

1,386,151.

Patented Aug. 2, 1921.



By

Attorney

Inventor
EDWARD C. BREWER

Richard J. Cook

UNITED STATES PATENT OFFICE.

EDWARD C. BREWER, OF SEATTLE, WASHINGTON.

INVALID-BED TABLE.

1,386,151.

Specification of Letters Patent.

Patented Aug. 2, 1921.

Application filed June 22, 1920. Serial No. 390,695.

To all whom it may concern:

Be it known that I, EDWARD C. BREWER, a citizen of the United States, and resident of the city of Seattle, county of King, and State of Washington, have invented certain new and useful Improvements in Invalid-Bed Tables, of which the following is a specification.

This invention relates to improvements in invalid-bed tables, and has for its principal object to provide an attachment for beds which comprises a table or shelf that is so constructed and supported that it may be moved up and down in a vertical plane to suit the convenience of one occupying the bed and may be swung laterally over or away from the bed, and also so that the shelf may be adjusted at an incline to the patient, or person, when in use.

The invention, therefore, consists in the novel construction and combination of parts, as will hereinafter be more fully described and pointed out in the claim terminating the specification.

In accomplishing the objects of the invention, I have provided the improved details of construction, the preferred forms of which are illustrated in the accompanying drawings, wherein—

Figure 1 is a side view of a bed attachment constructed and applied, according to the present invention, to the post of a bed; showing the supporting arm in extended position.

Fig. 2 is an enlarged plan view of the same when contracted.

Fig. 3 is a longitudinal section of the supporting member, shown in connection with an alternate form of supporting member.

Fig. 4 is a detail section of the adjustable supporting connection between the table and arm.

Fig. 5 is a sectional view on the line 5—5 of Fig. 3.

Fig. 6 is a plan or flat view of the attaching band which incloses the bed post and to which the arm supporting bracket is fixed.

Referring more in detail to the several views of the drawings, wherein like reference numerals designate like parts—

1 designates a corner post or rod of a bedstead, of any approved construction, and inclosing the same at spaced intervals, are encircling sheet metal bands, 2 and 2', which

have opposite ends brought together and secured between the cooperating face plates of brackets 3 and 3' by means of bolts or screws 4, to draw the bands tightly about the post and hold the brackets securely in functional position.

Extending between the brackets 3 and 3' is a vertical rod 5, and slidably and revolvably mounted thereon is the inner end of a horizontally extending supporting arm, comprising inner and outer telescoping sections 7 and 8, respectively. The inner section comprises two horizontally disposed tubular sections, joined rigidly in spaced relation at their opposite ends and center by connecting heads 9, while the outer section comprises two cooperating bars that are adapted to move telescopically within the tubular sections, which are jointed, as at 10, centrally of their length so that their outer ends may swing laterally in a horizontal plane, and are joined adjacent their outer ends by a connecting head 12.

Supported at the outer end of the arm is a table 14. This being supported and held in position by means of a vertical pin 15 which is fixed in the outer end of the arm and which has an upwardly extending flattened head 16 that extends and is fixed between spaced apart wings 17 of a transverse plate 18 that is fastened to the underside of the table. The adjacent faces of the head, and wings, may be roughened and the bolt 19, which pivotally joins the same, is provided with a wing nut 20 whereby the parts may be tightened together to hold the table at any adjustably inclined or at a level position. One edge of the table is provided with a flange 21 against which a book or the like may rest when the table is inclined.

In Fig. 3 I have shown an alternate means for fastening the arm to the bed. This comprises but one bracket 3, which is equipped with a short pin 23 on which the inner end of the arm is mounted.

If the device is to be used in connection with wooden beds, one end of the bands 2, 2' is fastened by screws or the like, to the bed, while the other is attached between the plates of the brackets.

Means for limiting the outward movement of the outer section of the telescoping arm consists in an abutment 25 on the inner end of the upper bar of the outer arm section

which is adapted to engage a shoulder 26 on the interior of the tube wherein it operates, as shown in Fig. 3.

5 It will be understood from the foregoing description, in connection with the drawings, that by loosening the wing nut 20, the table may be adjusted at any desired incline where it will be held when the nut is tightened.

10 Also, that the telescoping arm permits use of the table on wide or narrow beds and that the manner and means whereby it is mounted permits adjustments which will best suit the person occupying the bed and the use for which it is intended.

15 What I claim is new is:

In a device of the character described, in combination with a bedstead member, brackets fixed to the said member in verti-

cally spaced apart relation, and a rod extending between said brackets, an arm piv- 20 otally mounted at its inner end on said rod and adjustable thereon, comprising an inner section and an outer section adapted to move telescopically into and from the inner section, means for limiting the extension of 25 the outer section, said outer section having a vertical joint to permit lateral swinging of its outer end, a table adjustably mounted on the outer end of said arm, means for retaining the table at an adjusted position and a 30 flange along one edge of the table, for the purpose set forth.

Signed at Seattle, King county, Washington, this 15th day of June, 1920.

EDWARD C. BREWER.