

No. 679,667.

Patented July 30, 1901.

S. M. DAVIS.
ADJUSTABLE INVALID'S TABLE.

(Application filed Dec. 13, 1900.)

(No Model.)

Fig. 1.

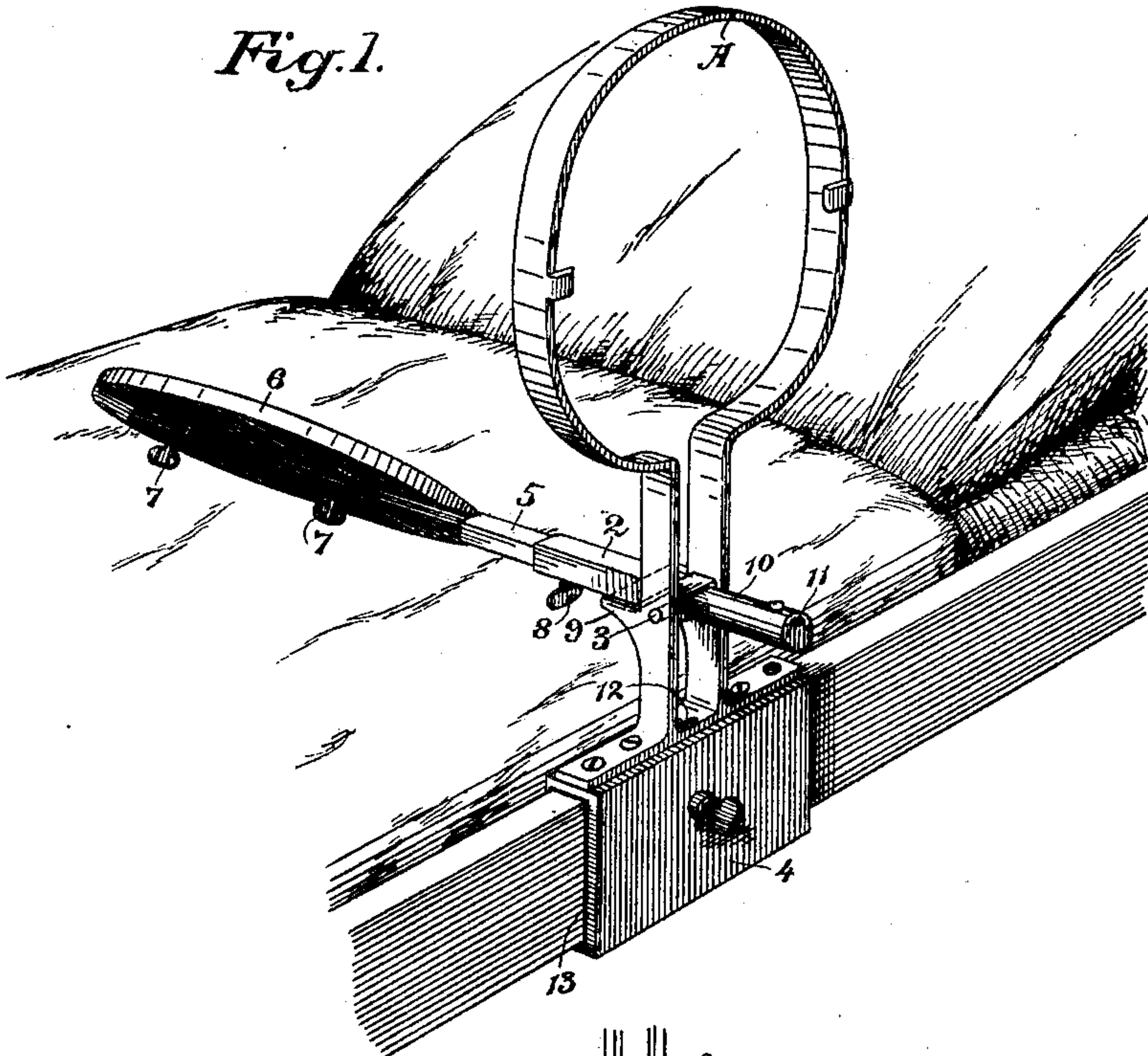
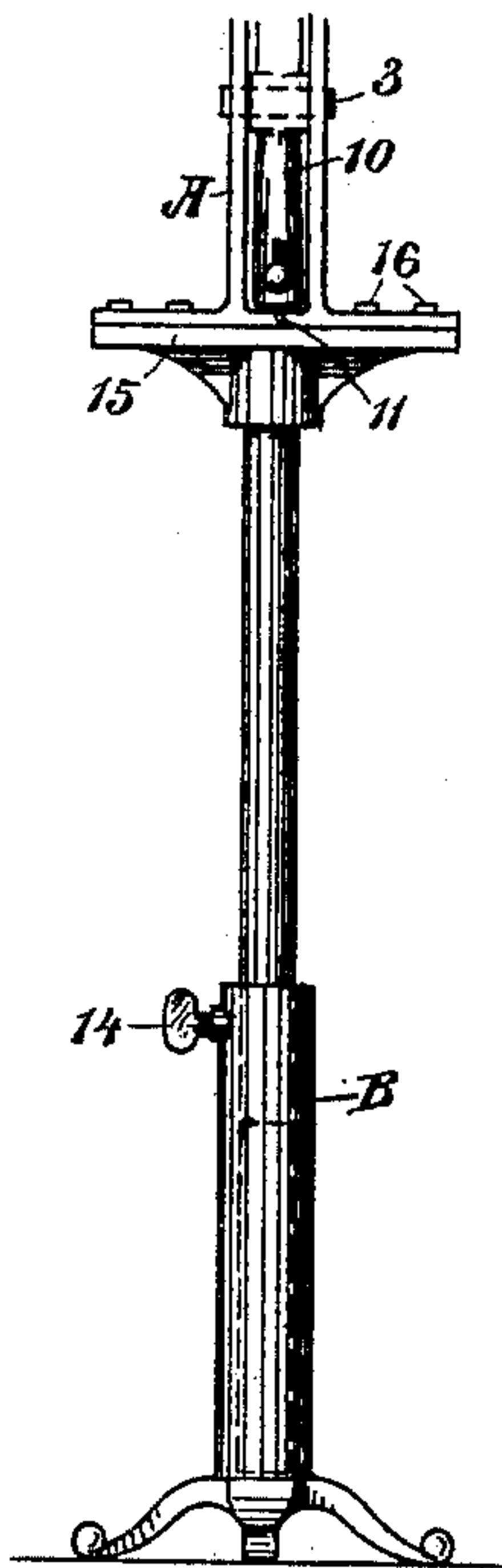


Fig. 2.



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SAMUEL M. DAVIS, OF SAN FRANCISCO, CALIFORNIA.

ADJUSTABLE INVALID'S TABLE.

SPECIFICATION forming part of Letters Patent No. 679,667, dated July 30, 1901.

Application filed December 13, 1900. Serial No. 39,688. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL M. DAVIS, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Adjustable Invalids' Tables; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to improvements in folding tables or tray-supports, such as are particularly adapted to the use of invalids, &c.

It consists, essentially, of a table-arm pivoted in a frame and movable therein in a vertical plane, means by which the frame may be secured to the bed or to a movable base, and means by which the arm and base are extensible, and of details more fully explained in the following specification and accompanying drawings.

Figure 1 shows my table attached to the side of a bed. Fig. 2 shows it attached to a portable base.

The object of my invention is to provide a device that is equally capable of being secured directly to the bedstead or of being used as a table upon a movable stand to be placed at any side of the bed and which is extendible to any desired height or to any length horizontally over the bed. It also offers a device that can be compactly folded and which occupies but little space when not in use.

Having reference to the drawings, A represents an open center framework in which the table-arm 2 is pivoted at 3. This frame is secured upon the bedstead as by means of a clamp 4. On this frame is attachable a movable base B, in which case it may be used as a table or stand whenever needed. Telescoping in one end of the arm 2 is a bar 5, to which the table or tray 6 is turnably secured, as by set-screws 7. These telescoping parts are preferably made rectangular to prevent turning and are securely held in position by a set-screw 8. The table-arm is supported in a horizontal position by a bracket 9, which may represent any well-known form of horizontal shelf. A lever projection or handle 10 upon the arm 2 permits a ready movement of the arm and tray upward into the frame A, where the table is held by means of a latch 11 in the end of the handle and engages a depression

12 in the frame. Thus when not in use the table is out of the way and the whole device occupies but little room.

The telescoping feature of the arm allows of the table being adapted to any width of bed or to any position of the patient. The manner of securing the table to the bar 5 allows it to be tilted at will, as for use as a reading-table, and accommodating itself to the position and inclination of the patient.

That there may be no abrasion of the varnish or finish on the bedstead by the attachment of the clamp 4, I provide a felt or rubber pad 13 on the inner side of the clamp.

When the table is to be used as a portable stand, I provide, as before stated, a base B. This base is likewise of telescopic form, having the members held in position by a screw 14. Upon the upper part of this base is a cross-bar 15, to which the frame A is attached, as by screws 16.

This device offers a simple compact table that occupies but little room when folded, permits of a wide variation of adjustment, and is quickly made ready for use.

It is understood that I do not wish to confine myself to the particular style of clamp 4 as shown in Fig. 1, but may vary it to suit various styles and forms of bedsteads.

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

1. The combination in a table of an open center frame in which an arm is pivotally secured, and which is movable therein in a vertical plane, a tray or holder portion attached to this arm, means by which this arm and tray may be supported in a horizontal position, and means by which they may be held in a vertical position within the open center of the frame.

2. The combination in a table, of a frame, an arm pivotally secured in this frame, a tray or holder turnably secured to the end of this arm, said arm and tray movable in a vertical plane in the frame, means by which this arm may be extended, and means by which it may be supported in a horizontal position.

3. The combination in a table of a frame, an extendible arm pivotally secured in this frame and carrying a tray or holder, said arm and tray movable in a vertical plane in this

frame, means by which the arm may be supported in a horizontal position, a handle extension of this arm by which it is moved on its pivots, a locking means in the end of this
5 handle by which the arm and tray are held in a vertical position within the frame.

4. The combination in a table, of a frame, an extensible table-arm pivotally secured in this frame and movable in a vertical plane
10 therein, means by which this arm may be supported in a horizontal position, and means by

which it may be held in a vertical position in the frame when swung upward, and an extensible base or standard to which this frame may be secured.

In witness whereof I have hereunto set my hand.

SAMUEL M. DAVIS.

Witnesses:

S. H. NOURSE,

CHAS. E. TOWNSEND.