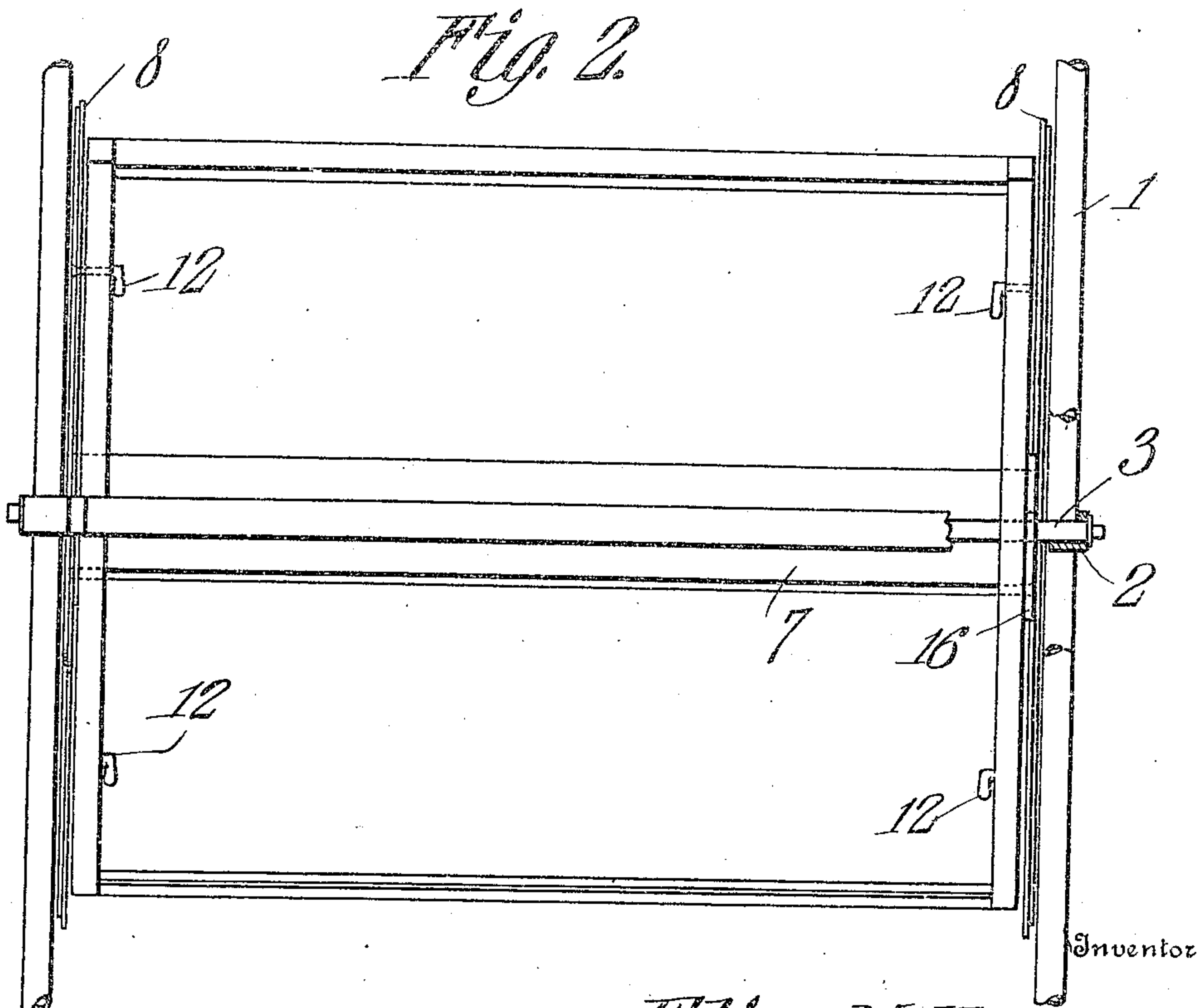
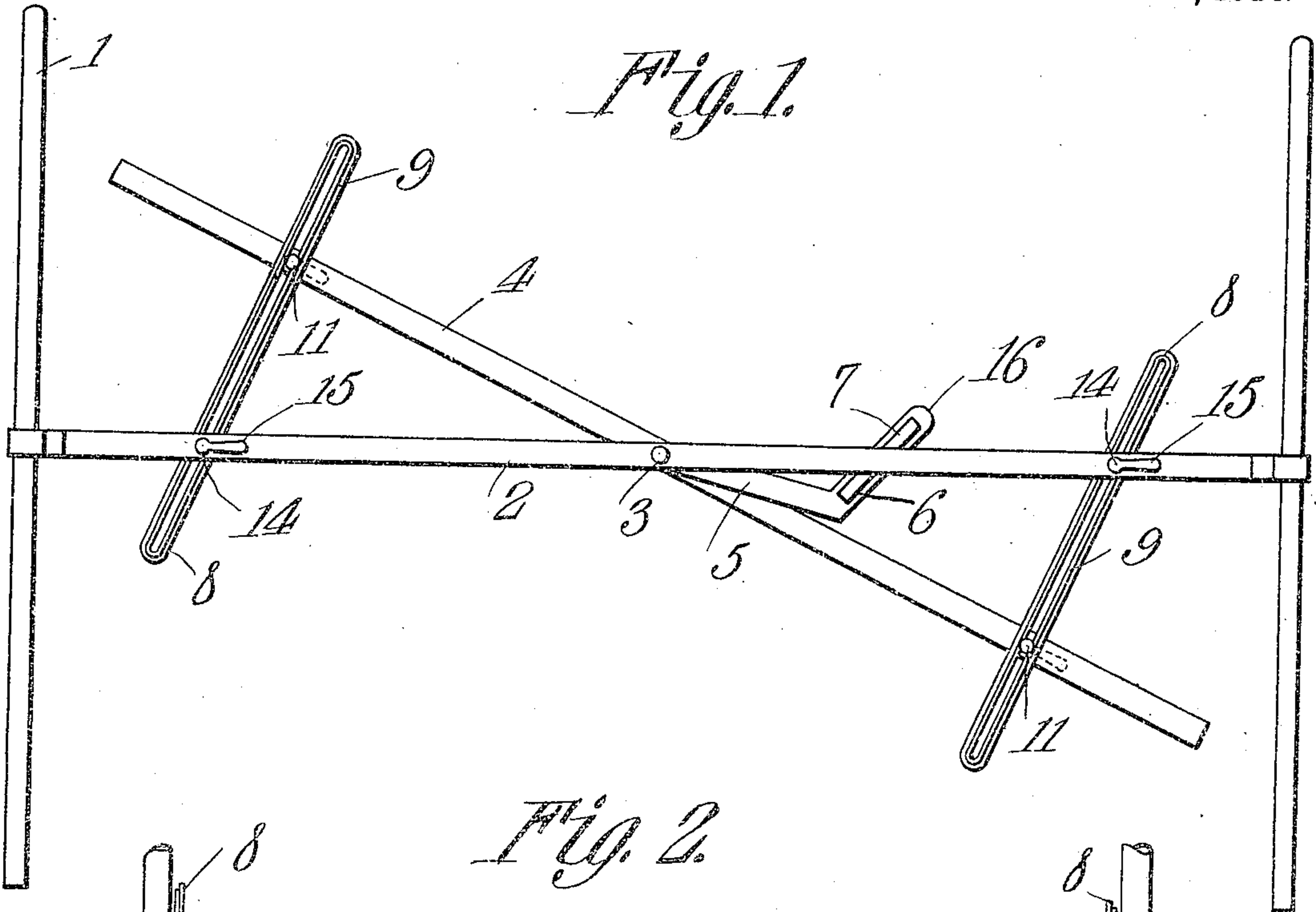


E. M. HEATON.  
HOSPITAL BED.  
APPLICATION FILED AUG. 23, 1909.

960,322.

Patented June 7, 1910.



Witnesses

*Mason B. Lawton*

Inventor

*Elias M. Heaton,*  
By *C. A. Snow & Co.*  
Attorneys



# UNITED STATES PATENT OFFICE.

ELIAS M. HEATON, OF CLARKSBURG, WEST VIRGINIA, ASSIGNOR OF ONE-HALF TO  
JAMES E. WILSON, OF CLARKSBURG, WEST VIRGINIA.

## HOSPITAL-BED.

960,322.

Specification of Letters Patent.

Patented June 7, 1910.

Application filed August 23, 1909. Serial No. 514,223.

*To all whom it may concern:*

Be it known that I, ELIAS M. HEATON, a citizen of the United States, residing at Clarksburg, in the county of Harrison and State of West Virginia, have invented a new and useful Hospital-Bed, of which the following is a specification.

The objects of the invention are, generally, the provision in a merchantable form, of a device of the above-mentioned class, which shall be inexpensive to manufacture, facile in operation, and devoid of complicated parts; specifically, the provision of a bedstead so constructed that the mattress thereof may be tilted longitudinally of the bedstead to assume any desired angle, means being provided for locking the mattress in the position to which it may be tilted, and a seat being provided, which is adapted to prevent the occupant of the device from sliding upon the mattress, when the same is tilted; other and further objects being made manifest hereinafter as the description of the invention progresses.

The invention consists in the novel construction and arrangement of parts hereinafter described, delineated in the accompanying drawings, and particularly pointed out in that portion of this instrument wherein in patentable novelty is claimed for the distinctive features of the device, it being understood, that, within the scope of what hereinafter thus is claimed, divers changes in the form, proportions, size, and minor details of the structure may be made, without departing from the spirit or sacrificing any of the advantages of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

In the accompanying drawings, Figure 1 is a side elevation and Fig. 2 a sectional end elevation.

The bedstead 1 may be of any desired form; in the present instance I have shown one of the simple metallic structures which are commonly employed in hospitals and the like; the head and the foot of the bed being connected by side rails 2.

An axle 3 connects the side rails 2 about midway between their ends, and pivotally mounted upon this axle, is a mattress frame 4. Disposed between the mattress frame 4 and the side rails 2, and pivotally supported

by the axle 3, are arms 5 terminating in rectangularly disposed extensions 16 provided with longitudinally extending slots 6. A seat 7 is provided, which, if desired, may be a simple wooden board, the same being adapted to be removably inserted in the slots 6 to extend across the frame 4.

In order that the mattress frame 4 may be securely retained at any desired angle, links 8 are provided, having longitudinally disposed slots 9, the links being adapted to be mounted between the mattress frame 4 and the side rails 2. Retaining members 11 and 14 are shown, the retaining members 11 being arranged to be passed through the mattress frame 4, and the retaining members 14 being arranged to be passed through the side rails 2, both of said retaining members being slidably mounted in the slots 9 and being headed to prevent their withdrawal from the links 8. Located within the mattress frame 4 upon the ends of the retaining members 11 are lever nuts 12, which are duplicated upon the exterior of the side rails 2 by lever nuts 15 which are mounted upon the extremities of the retaining members 14. By operating the lever nuts 12 and 15 the mattress frame 4 may be clamped at any desired angle. When the mattress frame is to be disposed in a horizontal position, the seat 7 is raised to space its lower edge above the side rails 2, whereupon, when the seat 7 being removed, the arms 5 will hang pendent below the side rails 2, in an out-of-the-way position. It is to be noted that when the seat 7 is in place, its ends are inclosed by the side rails 2, so that the said seat cannot become displaced accidentally by the movement of the person seated thereon. The retaining members 11 and 14 are so positioned in the elements wherein they are mounted, that they will clear each other when the mattress frame is tilted, thereby making it possible to depress either the head or the foot of the mattress frame. By this construction the patient may have either his head or his feet depressed, to facilitate the drainage and dressing of wounds.

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

1. A bedstead comprising side rails; a longitudinally tiltable mattress frame disposed between the side rails; connections between the frame and the rails; arms provided with



slots and pivoted between the frame and the side rails upon the connections; a seat arranged to be inserted in the slots to extend across the frame; and means for locking  
5 the frame in position.

2. A bedstead comprising side rails; a longitudinally tiltable mattress frame disposed between the side rails; connections between the frame and the rails; arms provided with  
10 slots and pivoted between the frame and the side rails upon the connections; a seat arranged to be inserted in the slots to extend across the frame; the side rails being arranged to hold the seat within the slots; and  
15 means for locking the frame in position.

3. A bedstead comprising side rails; a frame pivoted intermediate its ends to the side rails; a slotted link disposed between

the frame and a rail; a retaining member slidably mounted in the slot of the link and  
20 arranged to extend through the frame; a retaining member slidably mounted in the slot of the link and arranged to extend through said rail; a clamping device located within the frame upon the end of the first-named  
25 retaining member; and a clamping device located upon the exterior of said rail upon the end of the last-named retaining member.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ELIAS M. HEATON.

Witnesses:

CHARLES B. ALEXANDER,  
WM. T. ALEXANDER.