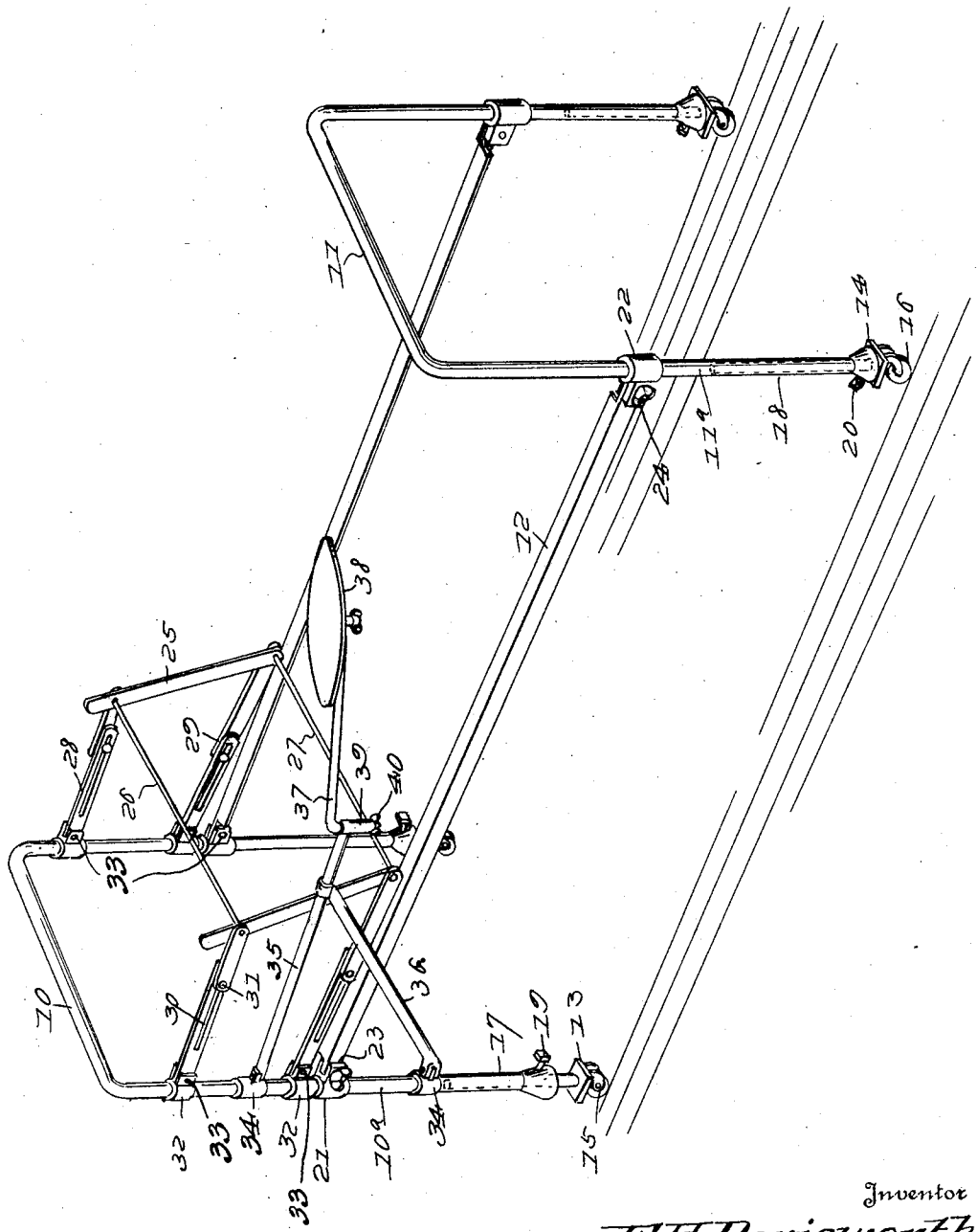
E. H. DAVISWORTH.

HOSPITAL BED.

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1,411,236. **Patented Mar. 28, 1922.**



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UNITED STATES PATENT OFFICE.

EDWIN H. DAVISWORTH, OF CREECH, KENTUCKY.

HOSPITAL BED.

1,411,236. Specification of Letters Patent. Patented Mar. 28, 1922.

Application filed April 9, 1921. Serial No. 460,008.

To all whom it may concern:

Be it known that I, EDWIN H. DAVISWORTH, a citizen of the United States of America, residing at Creech, in the county of Harlan and State of Kentucky, have invented new and useful Improvements in Hospital Beds, of which the following is a specification.

The object of the invention is to provide a hospital or surgical bedstead having means for effecting a change in the position of the parts to produce a desired inclination from front to rear of the mattress, to provide for adjusting the head end of the mattress or of supplemental pads or pillows for maintaining the patient in a reclining or semi-sitting position, and for furnishing the occupant of the bed with a serving table under conditions suitable to the position of the patient; and with this object in view the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the accompanying drawings, wherein:—

The figure is a perspective view of the bedstead constructed in accordance with the invention.

The head and foot pieces 10 and 11 are respectively of looped form and extended below the plane of the side rails 12 to provide legs 10^a and 11^a, said head and foot pieces respectively being of tubular construction and carrying feet 13 and 14, which may if desired be provided with casters as indicated at 15 and 16, and which have upwardly projecting stems 17 and 18 which are adjustably fitted in the legs 10^a and 11^a and are adapted to be secured in adjusted positions to vary the inclination of the side rails by means of locking devices such as set-screws 19 and 20.

The terminals of the side rails are pivotally connected with clips 21 and 22 fitted upon the uprights of the head and foot pieces and bifurcated as indicated at 23 for the reception of the reduced terminals of the side rails which are secured in place by thumb screws or bolts 24.

The back rest consists of side bars 25 connected by transverse upper and lower rods 26 and 27 mounted upon the uprights of the head piece 10 by means of extension links 28 and 29 arranged respectively at the upper and lower ends of said side bars, each link having a plurality of relatively adjustable members adjustably connected by means of slots 30 and engaging pins 31, the rear ends of the links being connected with the uprights of the head piece by means of clips 32 and attendant pins 33. It will be obvious that the back rest may be folded against the head piece to occupy a position adjacent to the plane thereof or may be extended as shown to support the back of a patient in a reclining or semi-sitting position at any desired distance from the plane of the head piece, the pivotal connections between the elements of the links and between the rear ends of the links and the clips 32 being effected by means of thumb nuts or other suitable clamping elements engaged with the pins 31 and 32 to maintain the parts in their adjusted positions.

Also mounted upon clips 34 engaged with the uprights of the head piece are the arms 35 and 36 of a swinging bracket, said members being pivoted to the clips 34 to provide for folding the bracket in an out-of-the-way position or of bringing it forward to the side of the bedstead, and pivotally mounted upon the extremity of the bracket is an arm 37 carrying a table 38, said arm being provided with a depending spindle portion 39 held in place by a thumb nut 40. The table supporting arm being pivotally movable independently of the bracket, and the bracket being movable laterally with relation to the side rails of the bedstead, it will be obvious that the table may be positioned to suit the convenience of the occupant of the bed, regardless of the extension of the back rest which in turn may be positioned to suit the conditions under which the patient is to be supported in reference to the length of the bedstead.

The adjustability of the feet with relation to the uprights of the head and foot pieces obviously provides for tilting the bedstead longitudinally either with the head end raised or depressed, to suit the conditions required by the treatment which is being extended to the patient.

Having described the invention, what is claimed as new and useful is:

A bedstead of the type indicated having looped head and foot pieces provided with tubular uprights or leg portions, side rails

having terminal pivotal connections respectively with the upright or leg portions of said head and foot pieces, manually operable means for binding said pivotal connections, feet having stems telescopically engaged with the lower extremities of the tubular uprights or leg portions of both head and foot pieces, and set screws carried by said leg portions for binding engagement with the stems of said feet in the manner and for the purpose specified.

In testimony whereof he affixes his signature.

EDWIN H. DAVISWORTH.