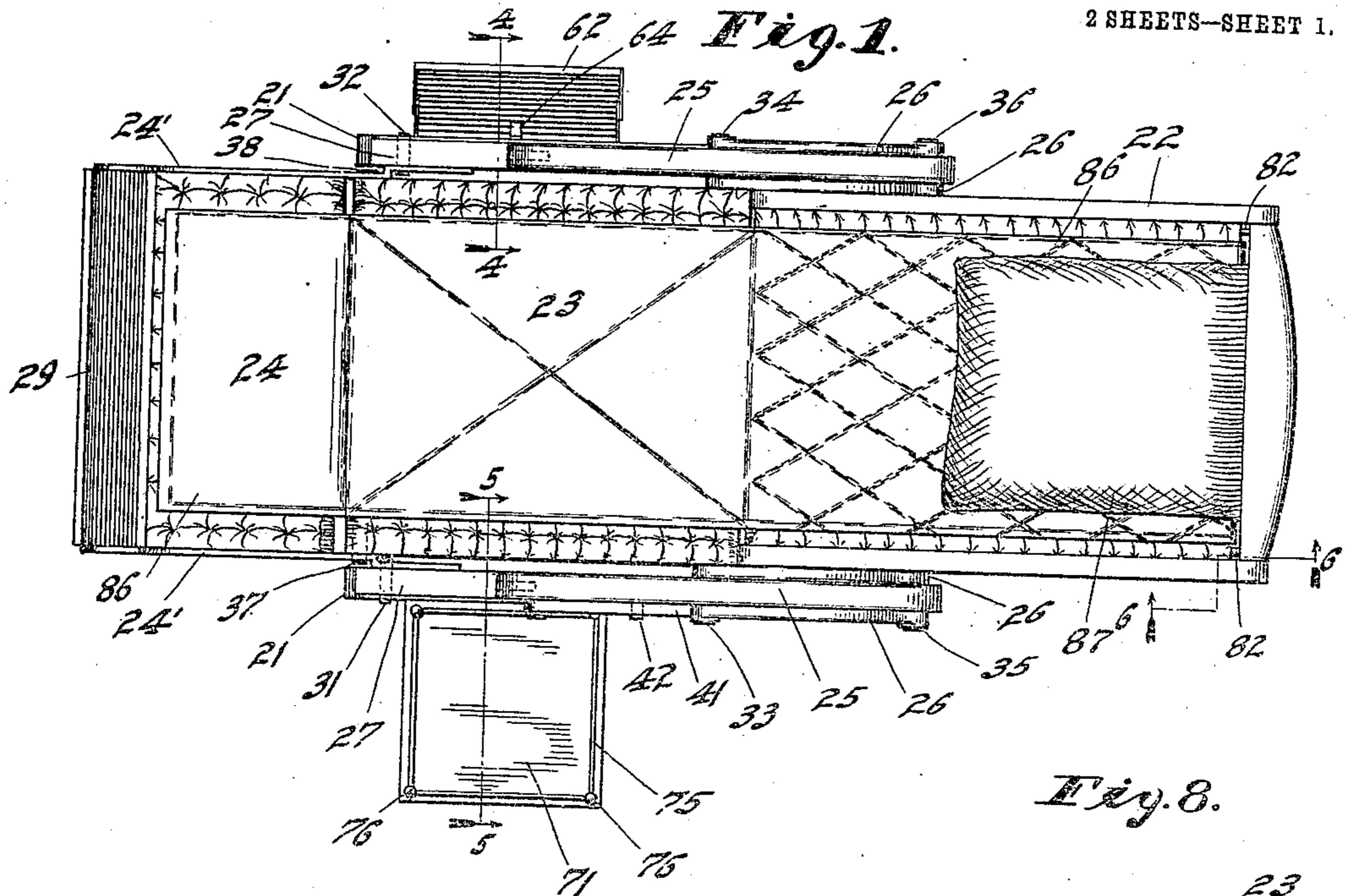


R. M. OLMSTED.  
INVALID'S CHAIR.  
APPLICATION FILED JUNE 24, 1908.

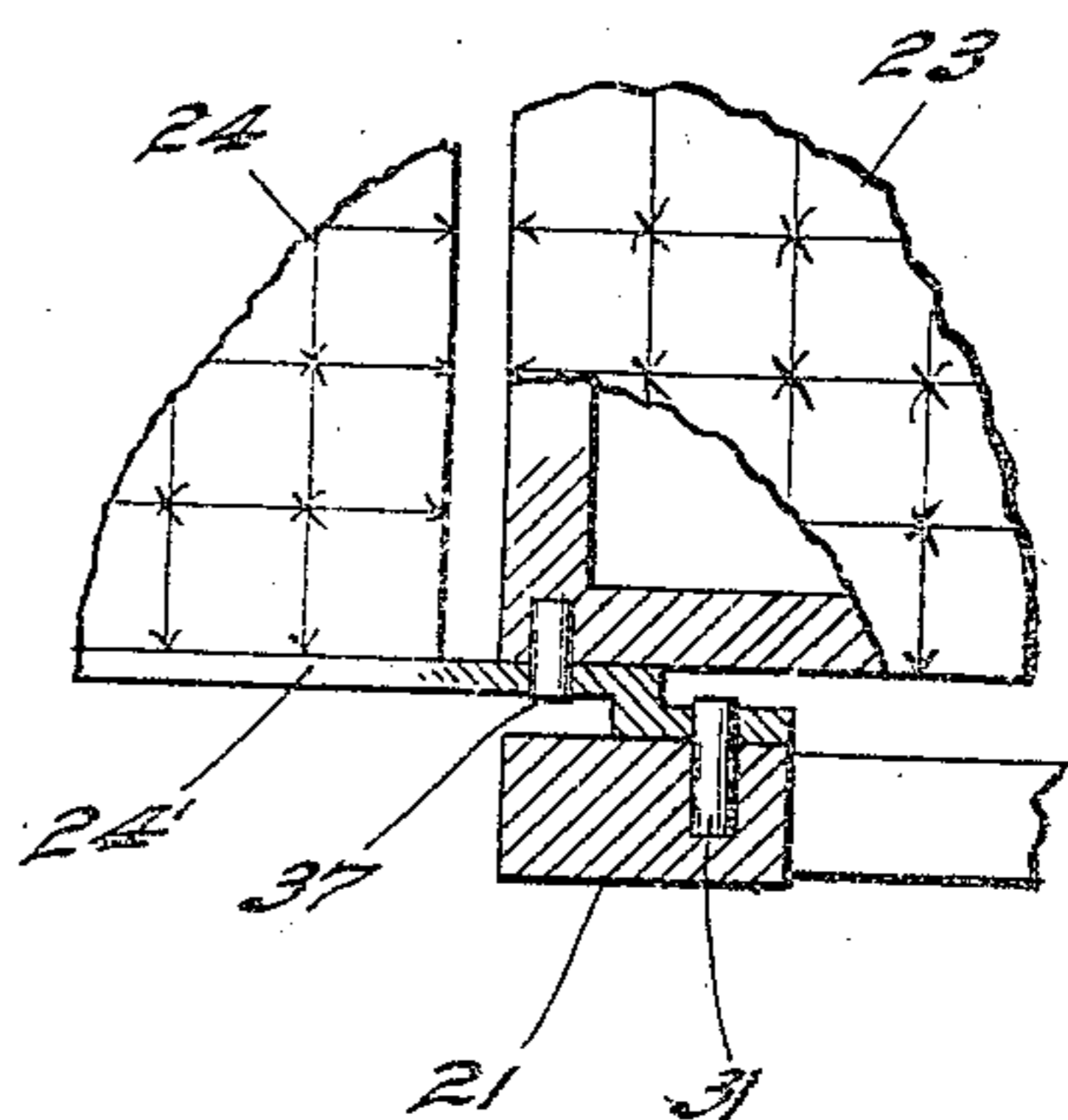
956,155.

Patented Apr. 26, 1910.

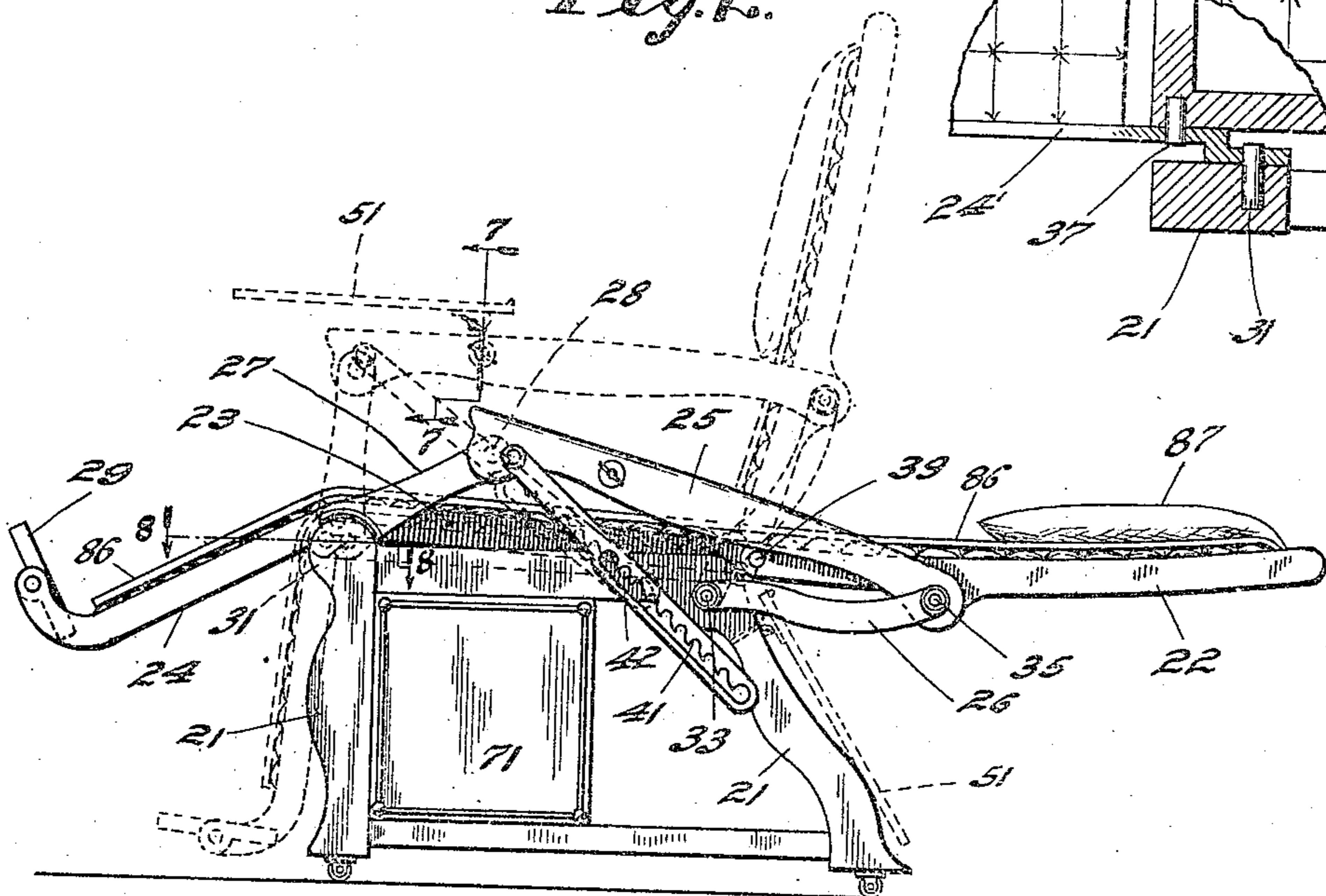
2 SHEETS—SHEET 1.



*Fig. 8.*



*Fig. 2.*



Witnesses  
Frank A. Fahl  
Thomas H. McMeans

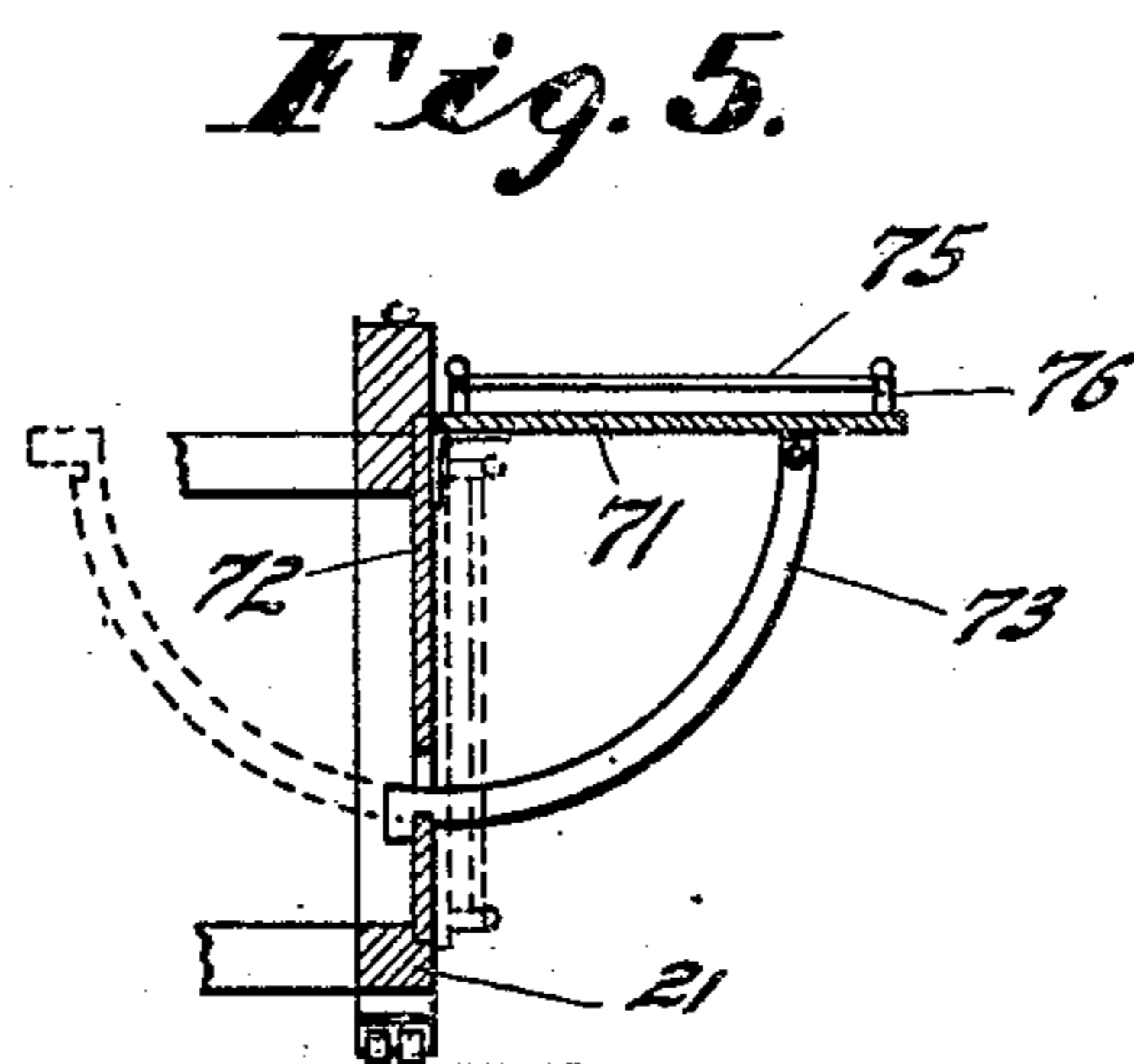
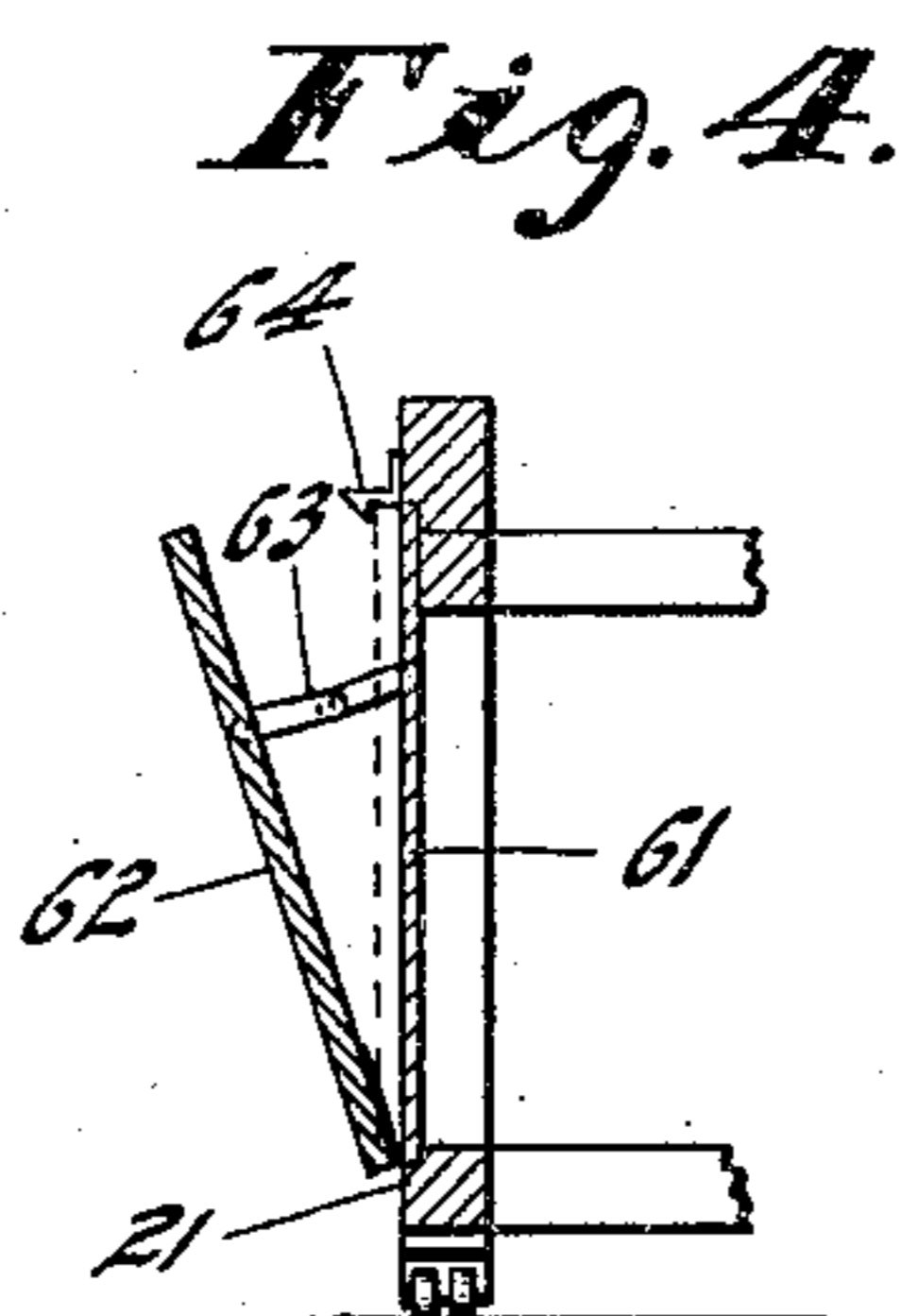
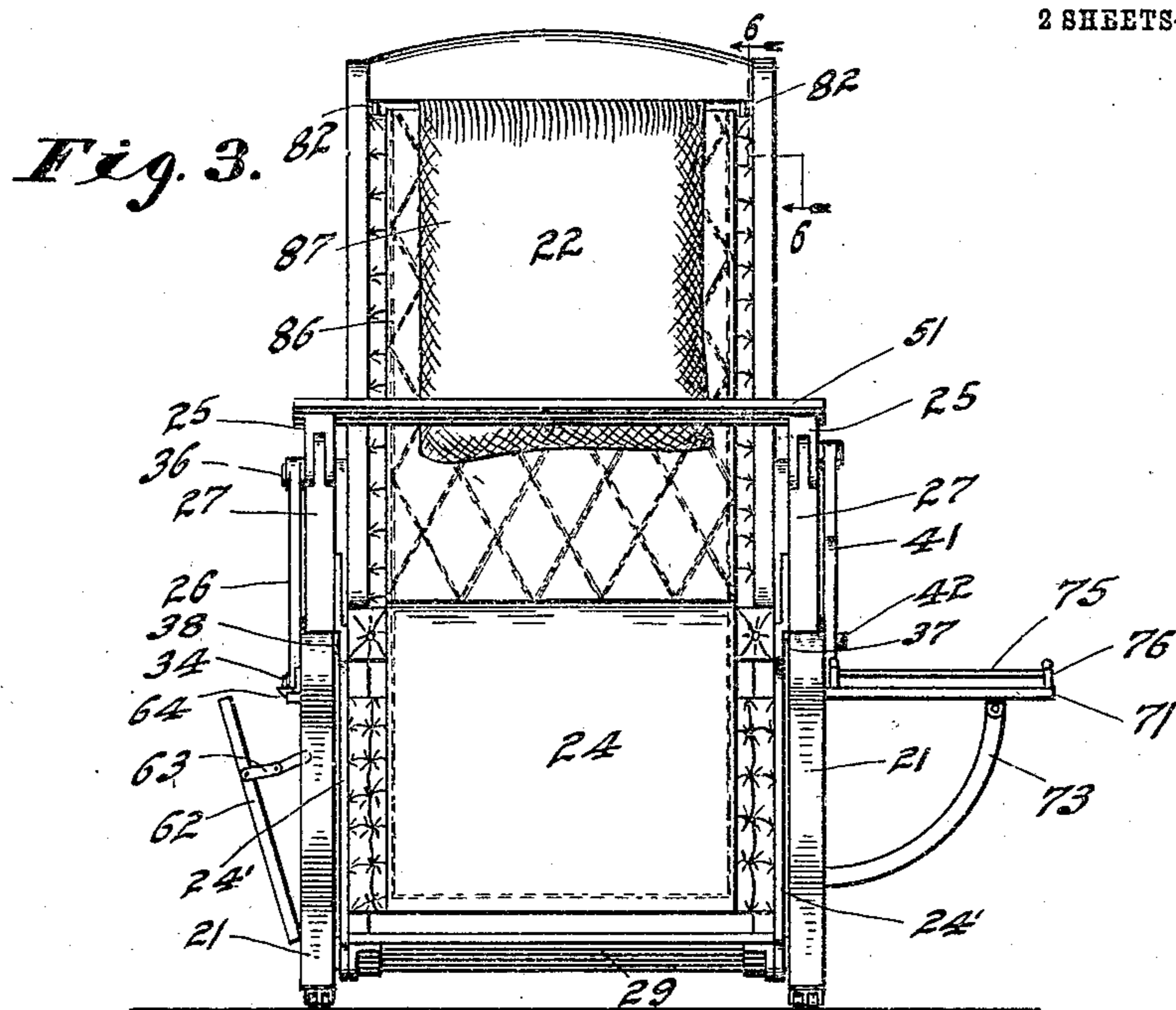
Inventor  
Rosa M. Olmsted,  
By *Bradford & Hood,*  
Attorneys

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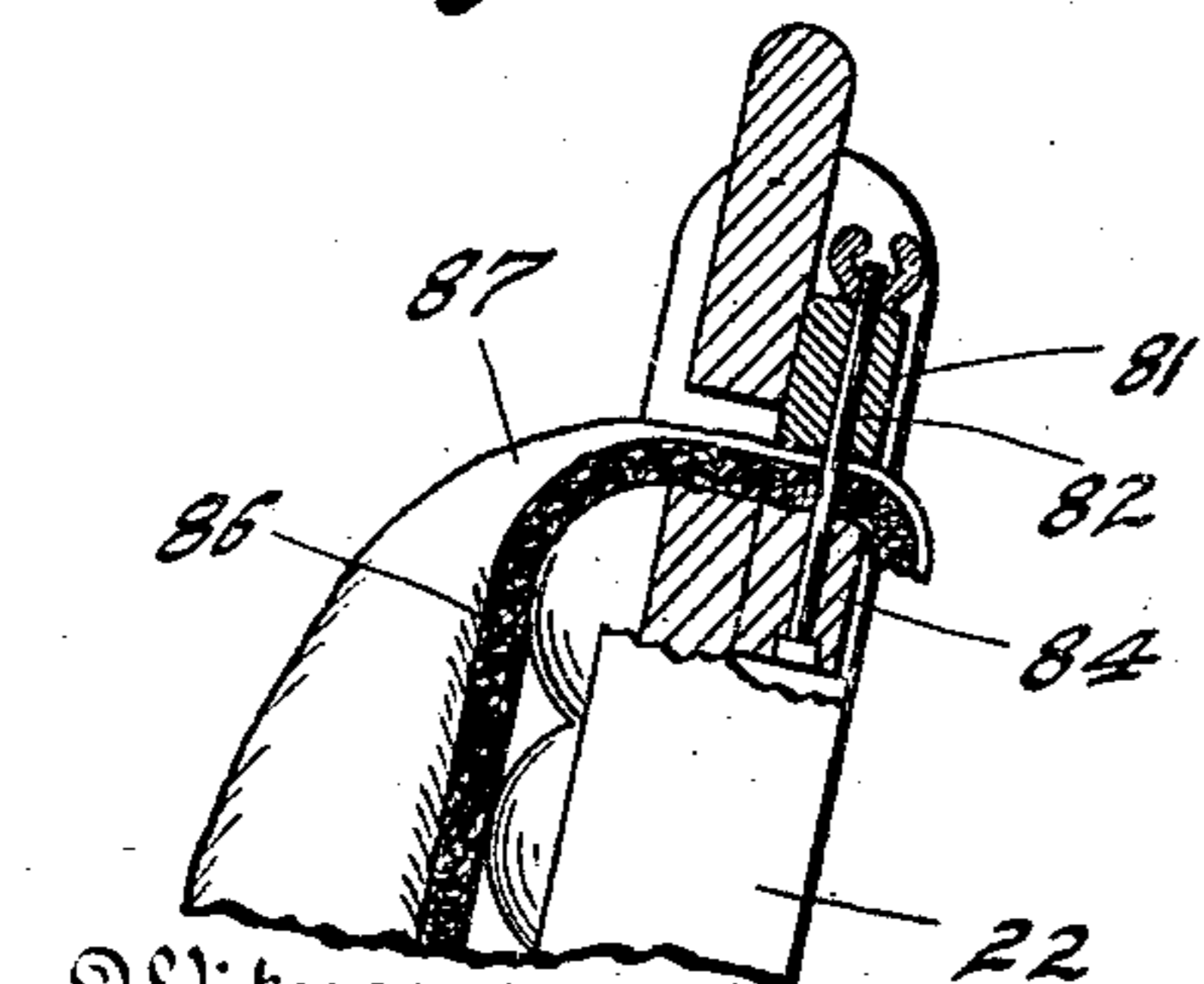
956,155.

Patented Apr. 26, 1910.

2 SHEETS—SHEET 2.

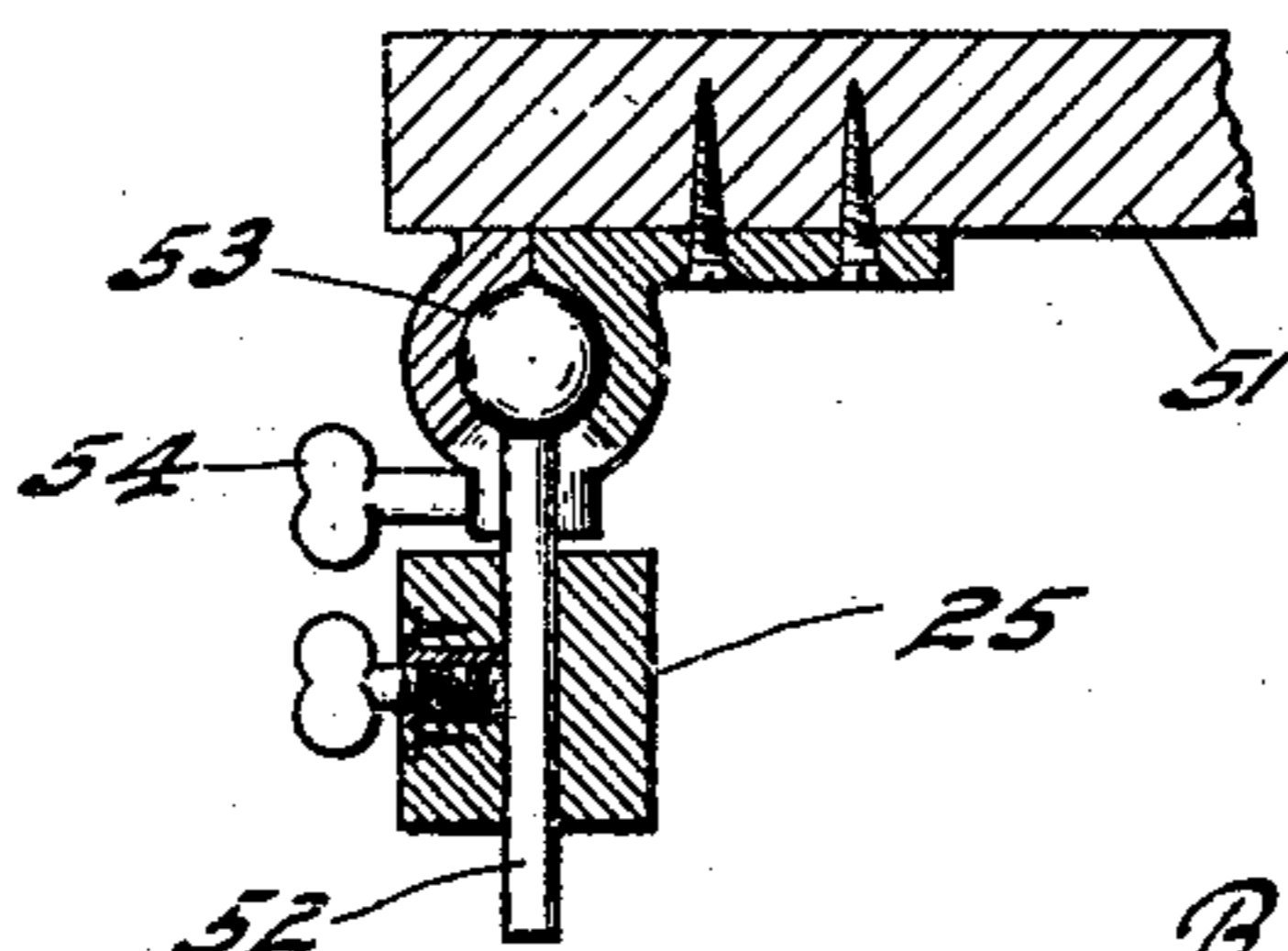


*Fig. 6.*



Witnesses  
Frank A. Fable  
Thomas W. McMeans

*Fig. 7.*



Inventor  
Rosa M. Olmsted,  
BY Bradford & Hood  
Attorneys.

# UNITED STATES PATENT OFFICE.

ROSA M. OLMSTED, OF COLUMBUS, INDIANA.

INVALID'S CHAIR.

956,155.

Specification of Letters Patent.

Patented Apr. 26, 1910.

Application filed June 24, 1908. Serial No. 440,109.

*To all whom it may concern:*

Be it known that I, ROSA M. OLMSTED, a citizen of the United States, residing at Columbus, in the county of Bartholomew and State of Indiana, have invented certain new and useful Improvements in Invalids' Chairs, of which the following is a specification.

My present invention relates to that class of apparatus known as invalid's or reclining chairs; and its object is to provide certain improvements in the means of operating said apparatus, and in providing the same with various accessories and conveniences, as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar reference characters indicate similar parts, Figure 1 is a top or plan view of an invalid's chair embodying my present invention in the extended or recumbent position, with the several accessories in position for use; Fig. 2 a side elevation of the same, a more nearly upright position being also indicated by dotted lines; Fig. 3 a front elevation of the same when in the position shown by the dotted lines in Fig. 2; and Figs. 4, 5, 6, 7 and 8 detail sectional views illustrating the particular construction of various parts at the points indicated by the dotted lines 3 3, 4 4, 5 5, 6 6, 7 7, and 8 8 respectively.

The main frame or base 21, and the chair sections 22, 23 and 24, as well as the arms 25 and the swinging links 26 and 27 are or may be of the usual or any desired construction. The swinging portions are connected to the base at the points 31, 32, 33 and 34 by suitable pivots or hinges, the side members of the part 24 being united to said frame by means of the pivots 31 and 32, and the links 26 being united to the frame by the pivots 33 and 34. Single pivots 35 and 36 preferably unite the arms 25 the links 26 and the upper portion or back of the chair together. The forward ends of the arms 25 are pivoted at 28 to the links 27. As the side pieces 24' of chair section 24 extend up and are rigidly secured to the links 27, so that said links are, in effect, prolongations of said side members, single pivots 37 and 38 serve to unite the three members 23, 24 and 27 at this point, and the arrangement produces the well known adjustable reclining effect. The lower portion 24 has its

side members turned outwardly, and to them a foot piece 29 is pivoted in the ordinary manner. The amount of inclination is controlled, and the apparatus held in any adjustable position desired, by means of a ratchet-bar 41 pivoted to the arm 25 and extending down and adapted to engage with a lug or pin 42 on the side of the main frame 21. The bar 41 has a plurality of engaging teeth or notches, any one of which is adapted to engage with the lug or pin, so that the amount of inclination can be adjustably secured in any position desired.

In order that the occupant of the chair may have a convenient means of holding various articles, such as food, reading matter, or light work materials, I provide a table 51 which may be secured, in front of the occupant, to the forward portions of the arms 25. In order that this table 51 may be adjusted to any position desired I provide adjustable supporting standards 52 the lower ends of which pass down through holes or sockets in the arms 25, and the upper ends of which are connected to said table at or near its rear edge by ball-and-socket joints 53 controlled by thumb screws or thumb nuts 54. By this means the table may be tilted in any direction, and there secured, to suit the convenience of the occupant. When the table is no longer needed the rods 52 are lifted bodily from the holes or sockets in the arms 25, and may be inserted in similar holes or sockets in the rear portion of the frame, as is indicated by dotted lines in Fig. 2 of the drawing. I thus provide a removable and adjustable table which is very convenient.

Alongside the frame 21 I provide a foldable pocket, comprising a stationary member 61, a swinging member 62 hinged thereto and pivoted jointed connecting links 63 by which its outward movement is limited. When this pocket is open it may contain newspapers, periodicals, and the like, or it may be closed up flat against the side of the apparatus, and when closed may be secured in its closed position by a catch 64. On the opposite side of the frame I provide in like manner the table 71, which is hinged to a stationary member 72 of the frame 21 and is held in its usable position by an arc bar 73 which passes through an opening in the portion 72. This table may be folded down close to the side of the chair structure by disengaging the catch on the lower end of

the arc bar from the latch provided in the part 72, when said arc bar will pass through the slot in said portion 72 letting the table down into its folded position.

5 When the table is swung out or raised to its horizontal position the latch and catch automatically engage. This table should have a small railing 75 carried by small posts 76 which prevent the articles placed thereon  
10 from sliding off. This small table may be utilized for placing medicines, or beverages, or other articles, within the convenient reach of the occupant of the chair.

Occupants of invalids' chairs usually re-  
15 quire removable upholstery, which may be adjusted as required, or removed for renewal, or cleaning, or the like. In order to hold such articles conveniently in place I have formed a slit through the back of the  
20 chair near the top, and behind the head piece of the back I have placed a clamping-bar 81 provided with clamping bolts 82 which pass down through the adjacent permanent portion 84 of the structure. By  
25 loosening these clamping bolts, whatever in the way of upholstery or chair clothing (as 86 and 87) is secured therein may be readily removed; and the fresh articles which are inserted can be as readily secured in place  
30 by tightening down said bolts. These are entirely behind the head of the chair structure, where the occupant will not come in contact therewith.

This apparatus as a whole has been de-  
35 signed for the purpose of conveniently providing for the various and varying wants of sick people and invalids.

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

In a reclining chair, the combination with a supporting frame, of a leg section 24 pivoted upon a horizontal axis to the upper forward corner of the supporting frame and having upwardly extending arms 27, a seat 45 member pivoted upon a horizontal axis at its forward end upon the leg member, said axis being offset from the axis of the connection between the leg member and the supporting frame, a back member pivotally connected on a horizontal axis at its lower end to the rear end of the seat member, a pair of supporting links pivoted at their lower ends upon a horizontal axis to the rear upper corner of the supporting frame and at 55 their upper ends to the back member intermediate the length thereof, a pair of arm rests pivotally connected to the upper ends of said supporting links and the upwardly extending arms of the leg member, and a 60 pair of supporting struts 41 connected at their upper ends to the arm rests, and means carried by the supporting frame for engaging and holding the lower ends of said struts. 65

In witness whereof, I, have hereunto set my hand and seal at Indianapolis, Indiana, this tenth day of June, A. D. one thousand nine hundred and eight.

ROSA M. OLMSTED. [L. s.]

Witnesses:

CHESTER BRADFORD,  
THOMAS W. McMEANS.