

C. L. Taillant,

Invalid Chair,

N^o 15,673.

Patented Sep. 2, 1856.

Fig. 1.

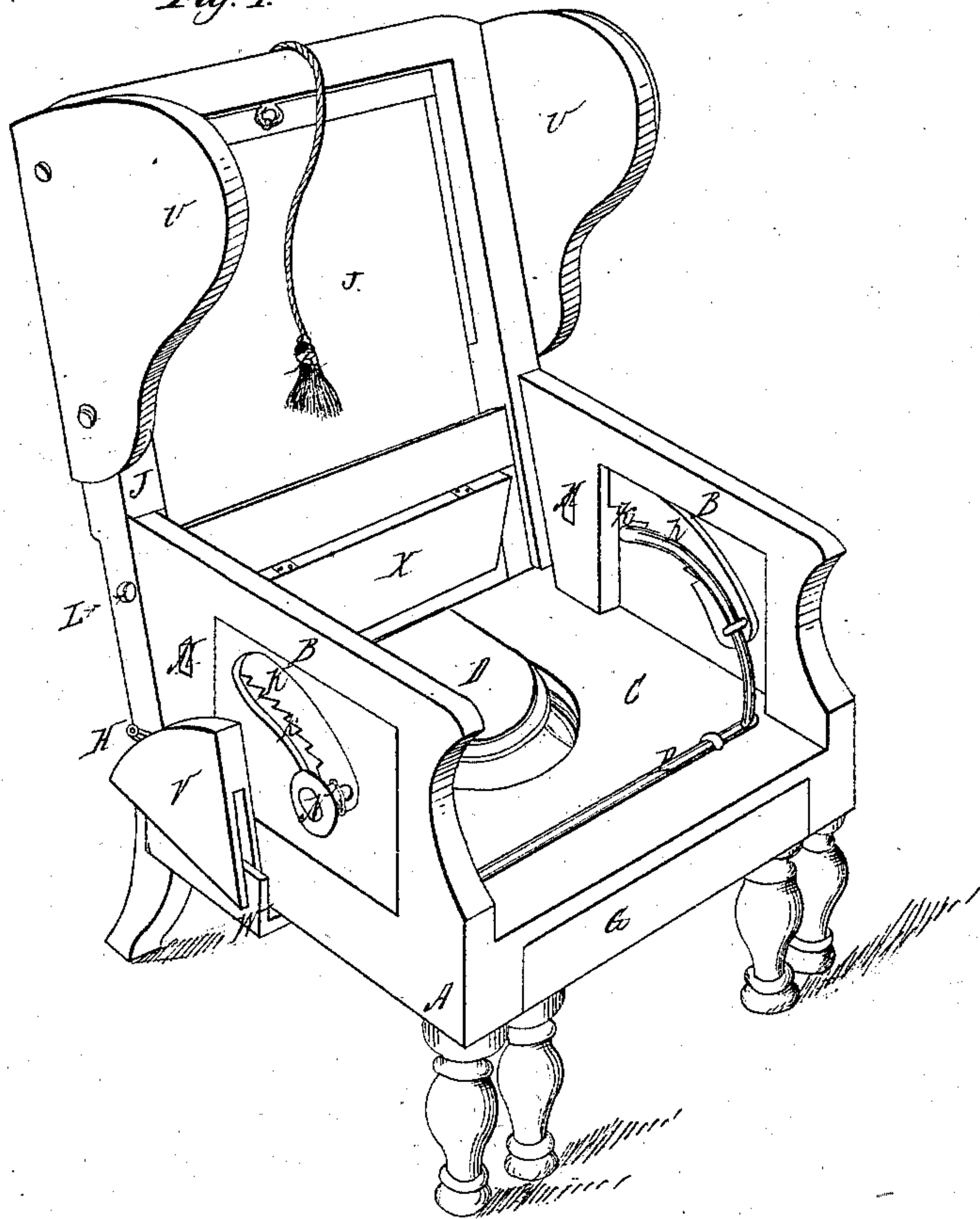
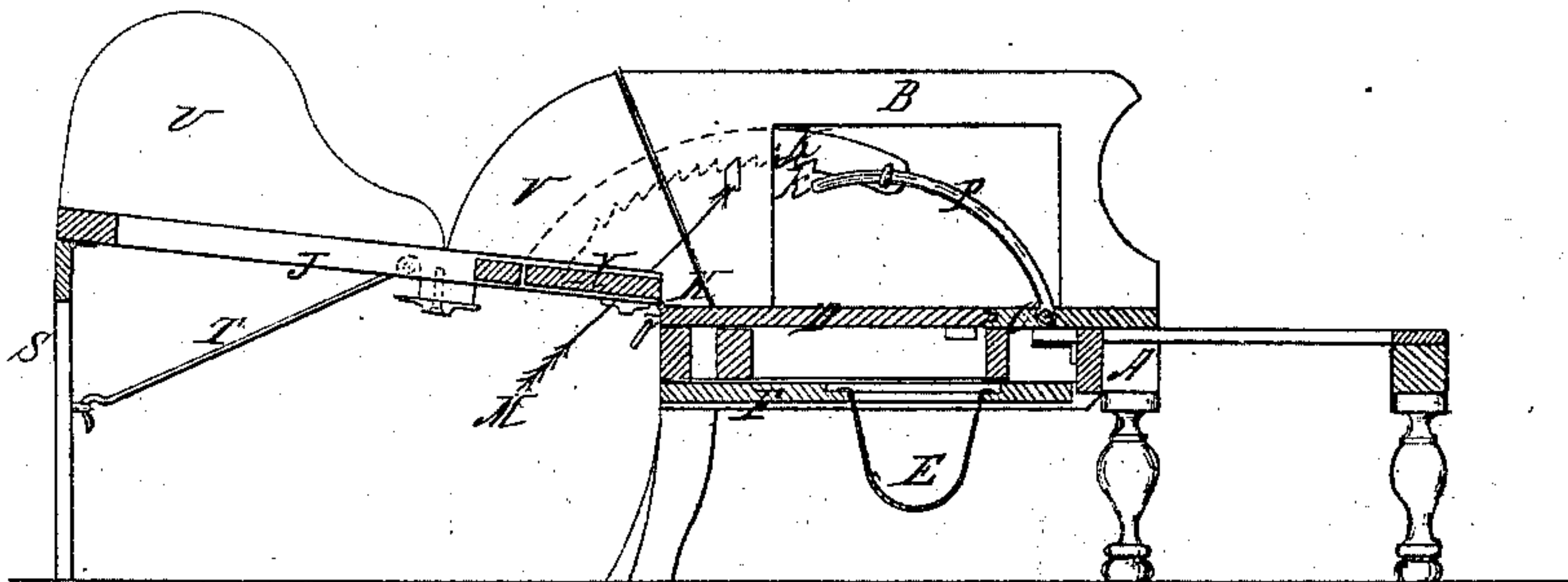


Fig. 2.



UNITED STATES PATENT OFFICE.

C. L. TAILLANT, OF NEW YORK, N. Y.

INVALID-CHAIRS.

Specification forming part of Letters Patent No. **15,673**, dated September 2, 1856.

To all whom it may concern:

Be it known that I, C. L. TAILLANT, of the city, county, and State of New York, have invented certain new and useful Improvements in Invalid or Sick-Room Chairs; and I do hereby declare the following to be a full description of the same.

The nature of my invention consists in the mode or method of constructing and operating the adjustable back of the chair, in combination with the seat of the chair having an extension foot board or support and service-basin contained therein, so that by the operating of these parts the patient may by his own efforts or that of attendants have all the comforts of a chair, couch, and stool-chair combined, and thereby avoid all the fatigue, discomforts incidental to the sick-room where having to be changed from bed to chairs, stools, &c.; but to describe my invention more particularly I will refer to the accompanying drawings, forming a part of this specification, the same letters of reference wherever they occur referring to like parts.

Figure 1 is a perspective view of the chair. Fig. 2 is a longitudinal cut section of the chair as extended to form the couch.

Letter A represents the seat or frame of the chair, having side arms B attached thereto.

In the seat-board C is a slide D, which draws out from the back of the chair, and is intended, when cushioned uniformly with the other parts of the seat-board, to form a sliding cover to the service-basin E underneath it, and adjusted upon a second slide F, drawing out from the back side of the chair, so that it can be removed without disturbing the patient.

In the front end of the chair is an extension foot-rest G, which at its outer end is supported on legs, while the back ends of it slide in channels or grooves on the under side of the seat-board. The upper side of this foot-rest is intended to be cushioned, so as to be uniform, or nearly so, with the cushion of the seat-board.

At the back edge of the seat-board of the chair is attached by hinges H a drop back J. This back is operated or adjusted by means of curved racks K, having their back ends secured to the side rails of the back by a center screw or pin L in such a position and way

as to allow the front ends of the racks to work back and forth in a recess in the center (longitudinally) of the arms of the chair.

Cut in the concave edge of the rack are a series of detent-teeth *k*, which, falling on a detent-stud M through the sides of the arms of the chair, detains or holds the back from falling and sustains it at any point desired between the horizontal or vertical.

Upon the outer end of the right-hand side rack is an adjuster-button N, and by means of the adjuster and rack-supporter rod P, across the bottom of the chair and connecting with the left-hand side rack, the two racks may be lifted simultaneously from or off the detent-studs M and the back dropped.

To prevent too sudden action from the back falling, a cord R is attached to the upper edge of the back, which the patient may, when not too feeble, take hold of and graduate the fall of the back to any position desired, and may, if too low, elevate the back to suit the comfort and ease of the body.

When the back is to be dropped down to the level with the seat of the chair to make a couch of it, the back-supporters S are to be elevated, as shown in Fig. 2, and braced by the rods T, so that a firm and substantial couch is afforded, able to support with ease and comfort a very heavy patient.

At the point or opening between the sides of the back U and the arms B of the chair when the back is dropped down is a break, which is filled or protected by means of an adjustable side board or cushion V, which is fitted upon the back of the rack, but when not required are secured or fitted on side cleats W, attached to the side of the chair.

The inside portions of the chair are designed to be cushioned in all parts, so that the patient will be quite at his ease at all times.

At the lower edge of the back of the chair is a drop board X, the object of which is to allow of the cushioned service-basin cover D being withdrawn by being raised or opened on its hinges, but when not used shut down and buttoned by suitable buttons, so as to make a continuous back to the chair or bed when extended as a couch.

Having now described my invention and

its mode of operation and construction, I will
proceed to state what I desire to secure by
Letters Patent of the United States.

What I claim is—

The combination of the chair and adjust-
able drop or extension back with the rack K
and adjusting or supporting rod P, for the

purposes substantially as hereinbefore set
forth.

C. L. TAILLANT.

Witnesses:

SAML. ROWLEY,
C. L. BARRETT.