

(No Model.)

2 Sheets—Sheet 1.

F. U. MARTIN.

COMMODE CHAIR.

No. 356,654.

Patented Jan. 25, 1887.

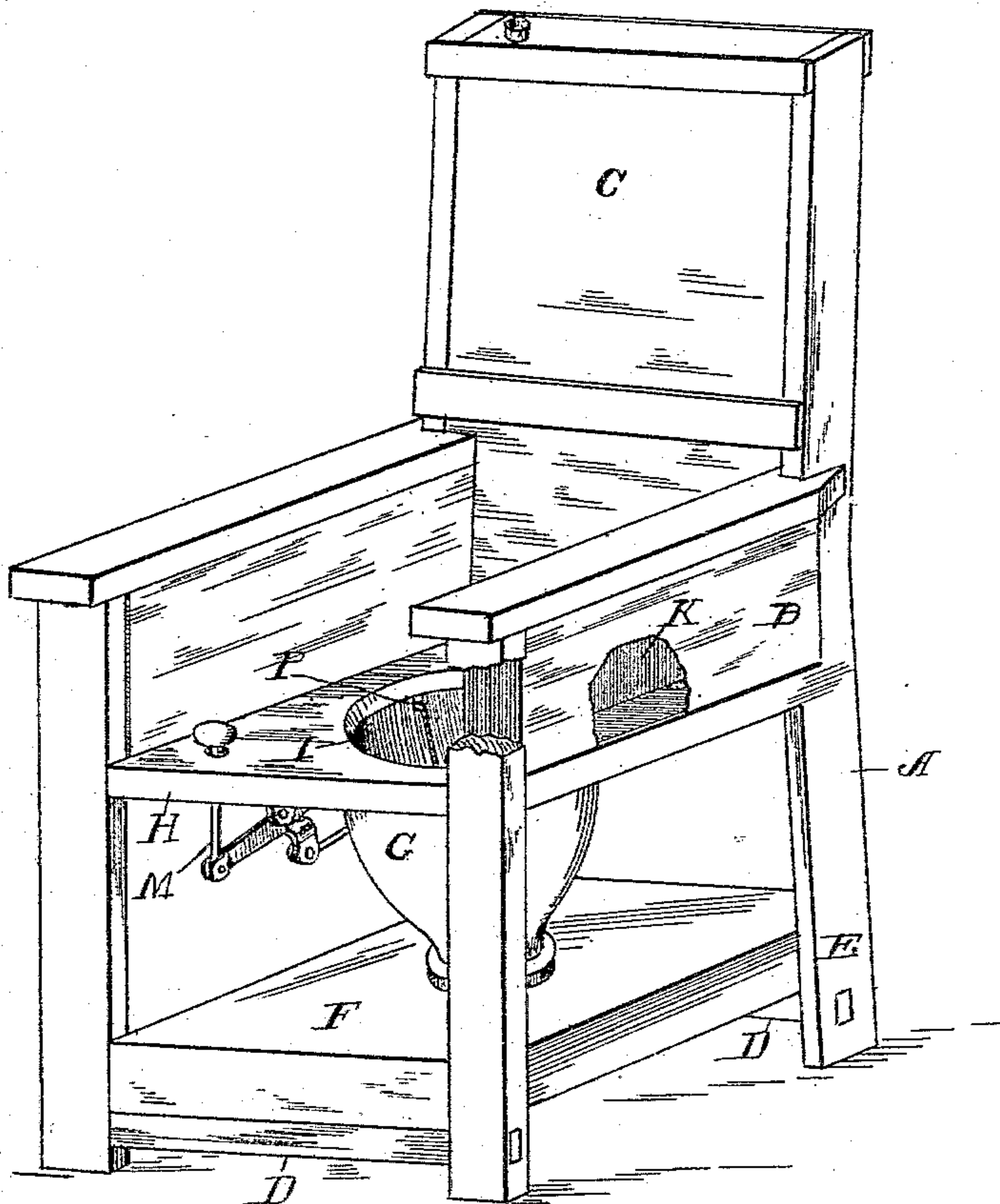


Fig. 1.

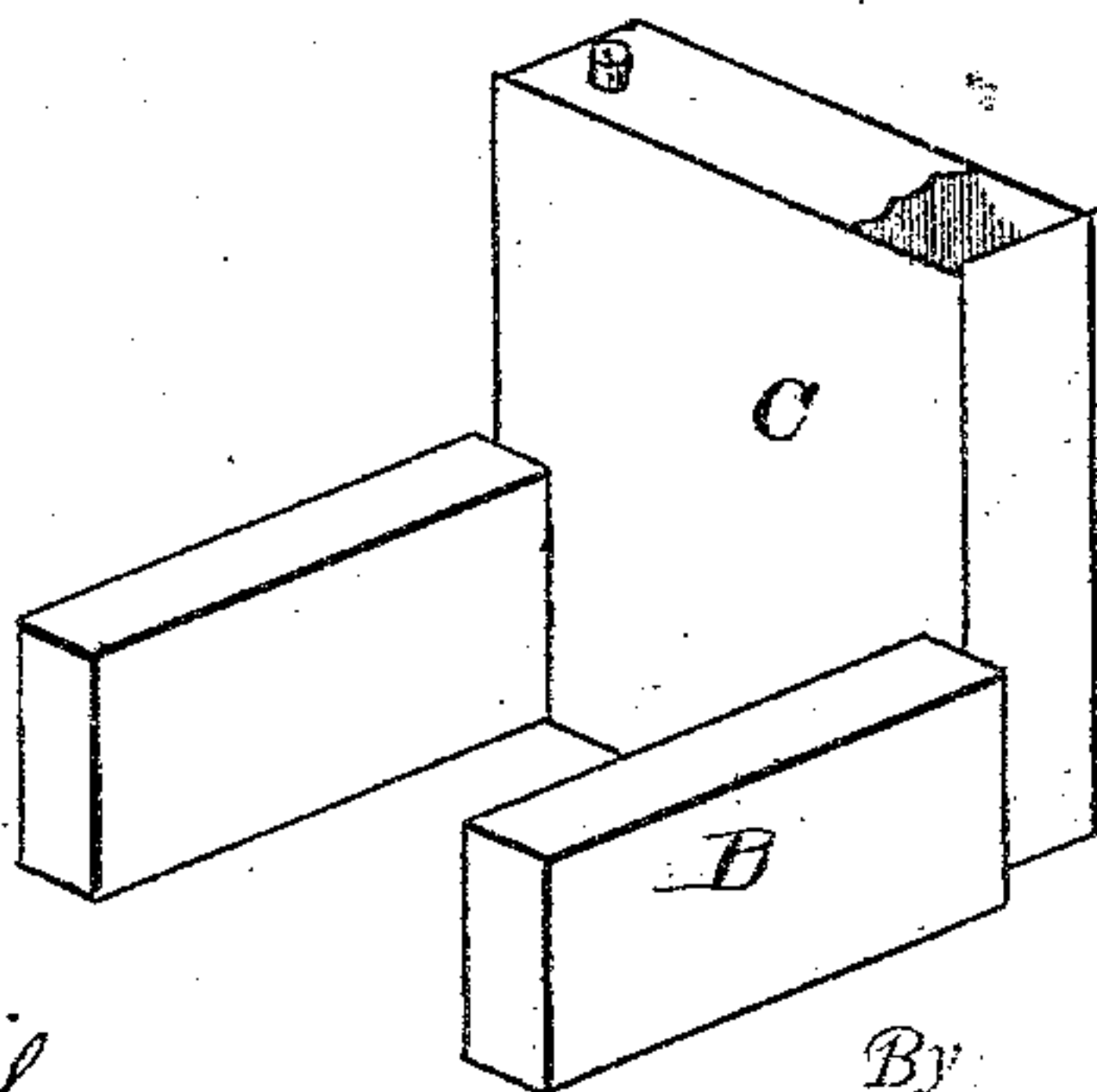


Fig. 3.

WITNESSES:

Robert Kirk.
Hughald McKillop

By

INVENTOR :

Franklin M. Martin

J. S. Jones

Attorney.

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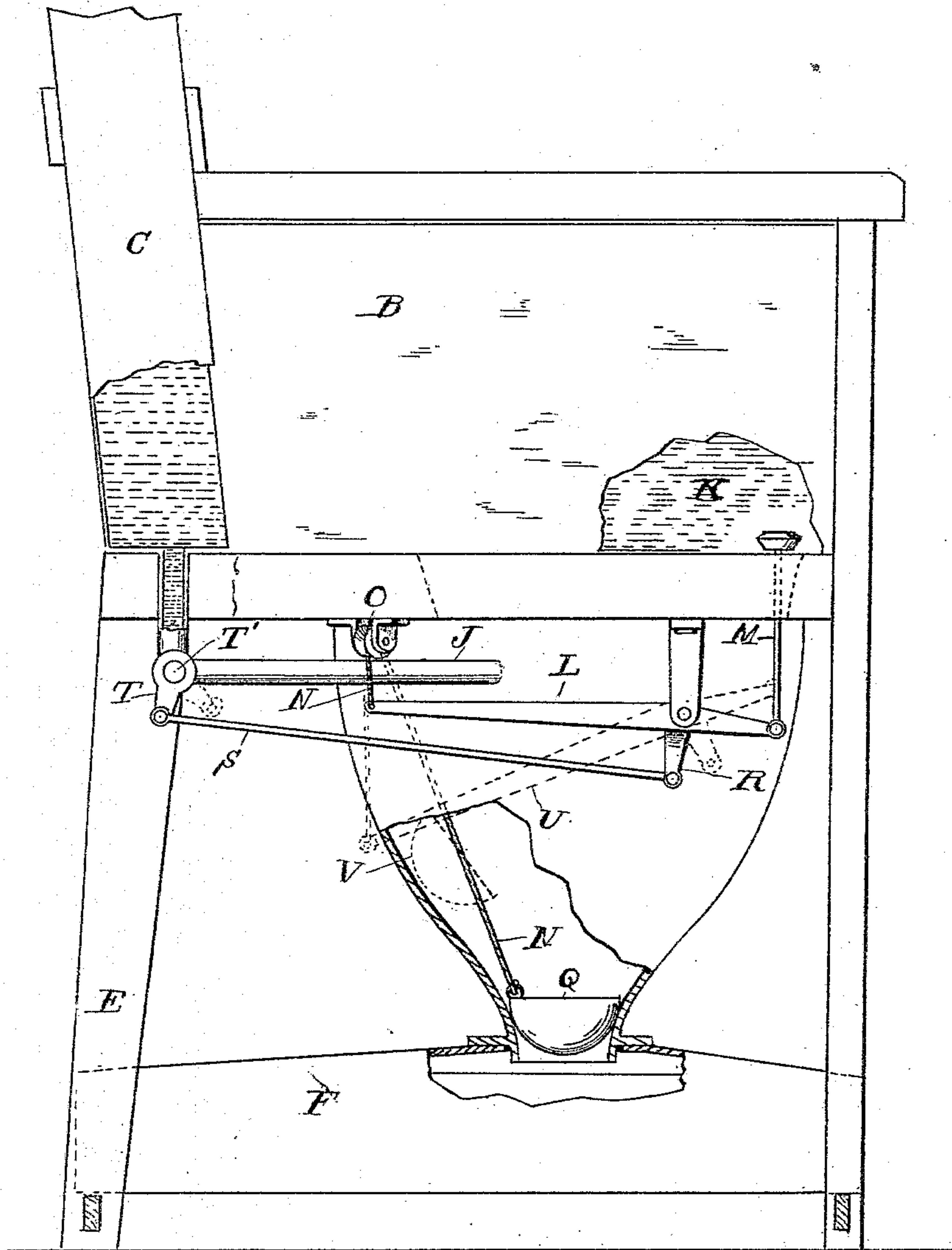


Fig. 2.

WITNESSES:

Robert Kirk.
Hughald McKillop

INVENTOR:

Franklin U. Martin

By

J. S. Gerber

Attorney.

UNITED STATES PATENT OFFICE.

FRANKLIN U. MARTIN, OF ALTOONA, WISCONSIN.

COMMODE-CHAIR.

SPECIFICATION forming part of Letters Patent No. 356,654, dated January 25, 1887.

Application filed May 26, 1886. Serial No. 203,331. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN U. MARTIN, of Altoona, in the county of Eau Claire and State of Wisconsin, have invented a new and useful Improvement in Commode-Chairs, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view, partly in section, of my improved commode-chair; Fig. 2, a side sectional elevation of the same; and Fig. 3 a perspective view of the water-apartment detached.

This invention relates to an improvement in commode-chairs, consisting of a reservoir or water-apartment within the back and sides of the chair communicating with the bowl beneath by means of a pipe provided with a valve operated by means of a lever attachment, and also having connected therewith the cup-valve at the lower part of the basin, the entire device being so disposed as to be portable, and thus may be used in houses that have not the usual water service, all of which will now be fully set forth.

In the accompanying drawings, A represents a chair having the arms B and back C made hollow and water-tight, forming a reservoir. At the lower part of the device, resting upon cross-pieces D framed into the legs E of the chair, is a tank, F, to receive the waste water from the bowl G resting thereon. The said bowl G is secured in position between the said tank F and the seat H within the chair, having the usual opening, I, centrally therein. The bowl G is of the ordinary pattern, and has a pipe, J, at its upper part communicating with the tank K within the arms B and back C of the chair, through which the water is supplied to the bowl G. A lever, L, having a vertical stem, M, for operating the same, is pivoted near its forward end and has a cord, N, attached rearwardly, which passes over a pulley, O, outwardly from the bowl, and thence extending into the bowl through an opening, P, is at-

tached to the cup-valve Q at the lower part of the bowl. The said lever L is also provided with a vertical right-angled arm, R, which has a rearwardly-projecting rod, S, which connects with the arm T, attached to the valve T' within the pipe J.

Whenever the stem M is raised by moving the lever L into the position as shown by the dotted lines U, the cord N is operated over the pulley O, thus raising the cup-valve Q from its position in the mouth at the lower end of the bowl G to the position as shown by the dotted lines V. At the same time the rod S, connected with the arm R of this lever L, opens the valve T' within the pipe J, thus permitting the discharge of the water from the tank into the upper part of the bowl G, which continues as long as the stem M is raised. The moment the stem M is released the lever L and rod S return to their original positions in connection with the valve Q. Thus both the bowl and the valve T' are closed up.

The tank F is designed to be both air and water tight, and designed to receive the contents of the bowl, and may have waste-pipe and trap connections, if desired, though these are not essentially necessary.

As will be noticed, my device may be placed in dwellings and be in constant use where water-service is not available.

Having described my invention, what I claim as new is—

In a commode-chair provided with a reservoir, K, and a tank, F, the combination of the bowl G, the pipe J, the stem M, the lever L, arms R and T, connecting-rod S, valves T' and Q, and cord N, all constructed and operating substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of March, 1886, in the presence of witnesses.

FRANKLIN U. MARTIN.

Witnesses:

F. M. MINER,
ROGER C. JOPP.