

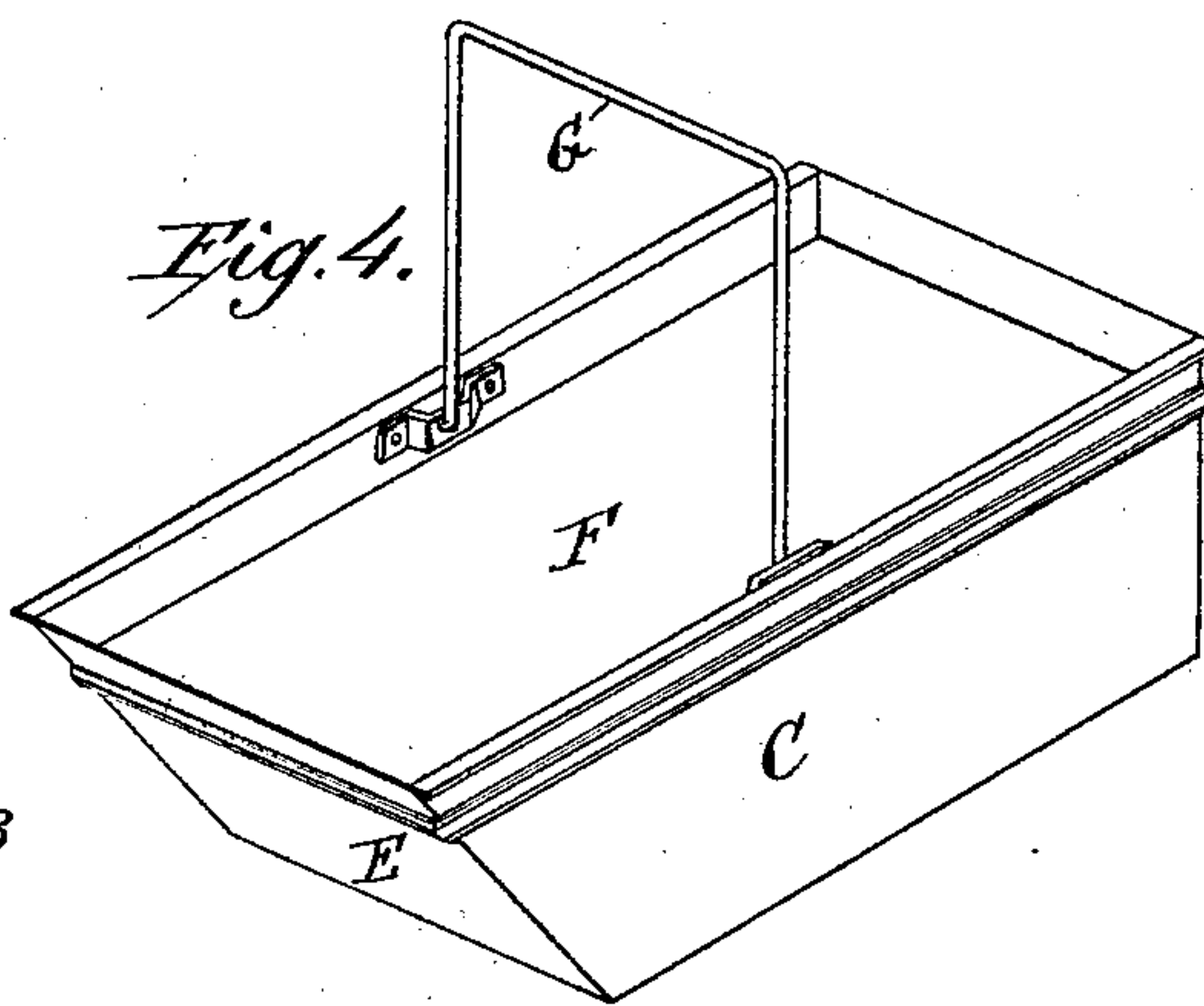
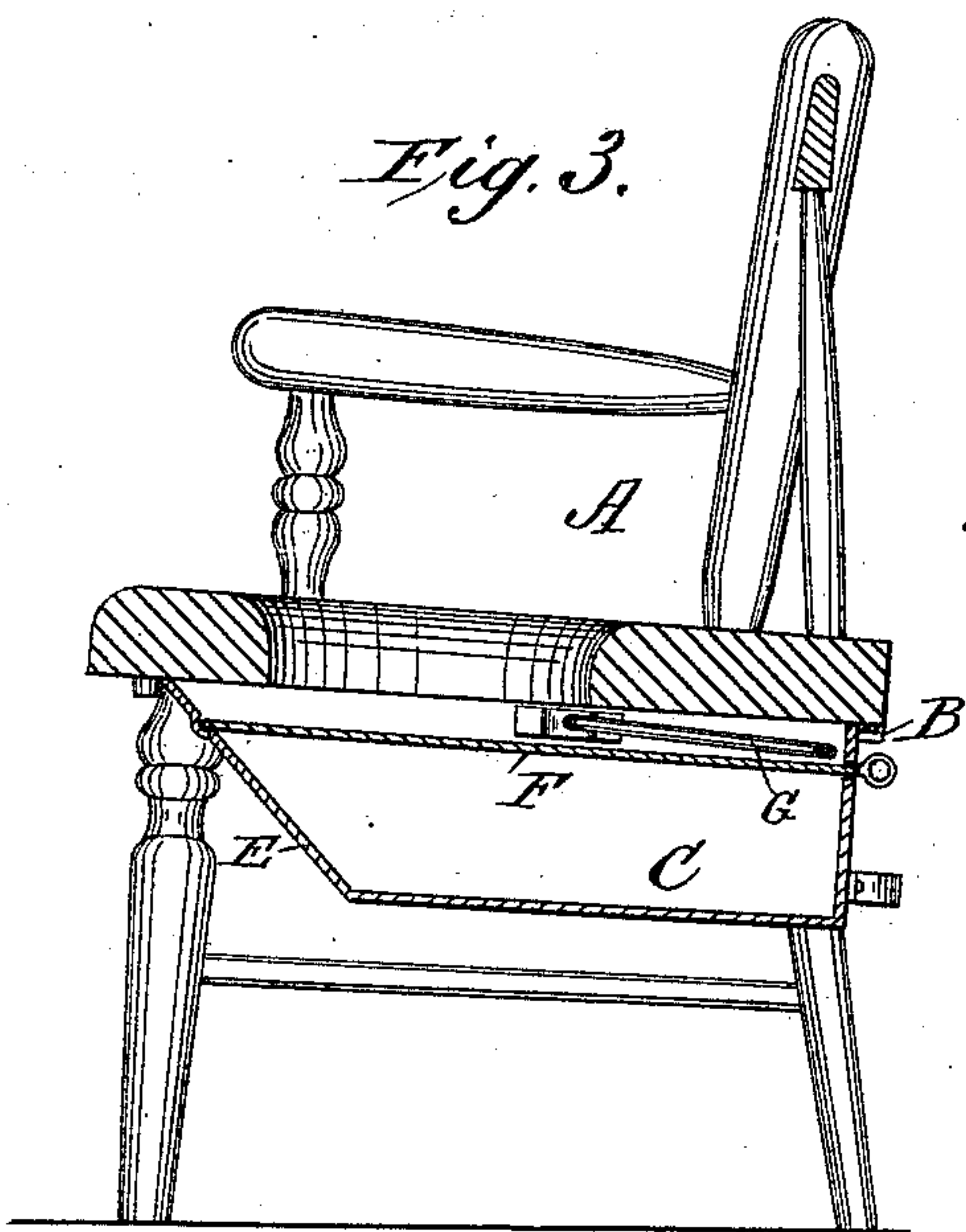
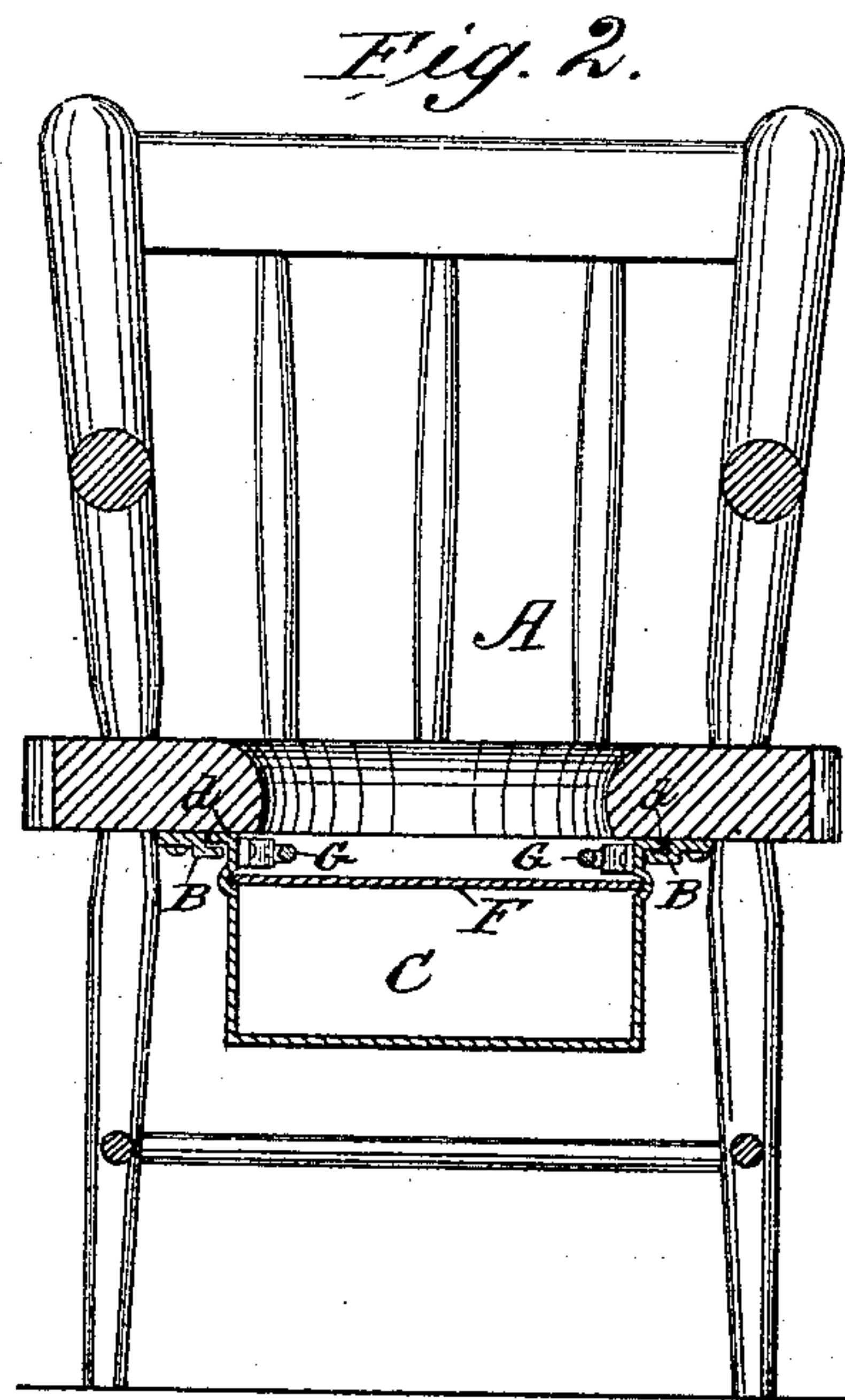
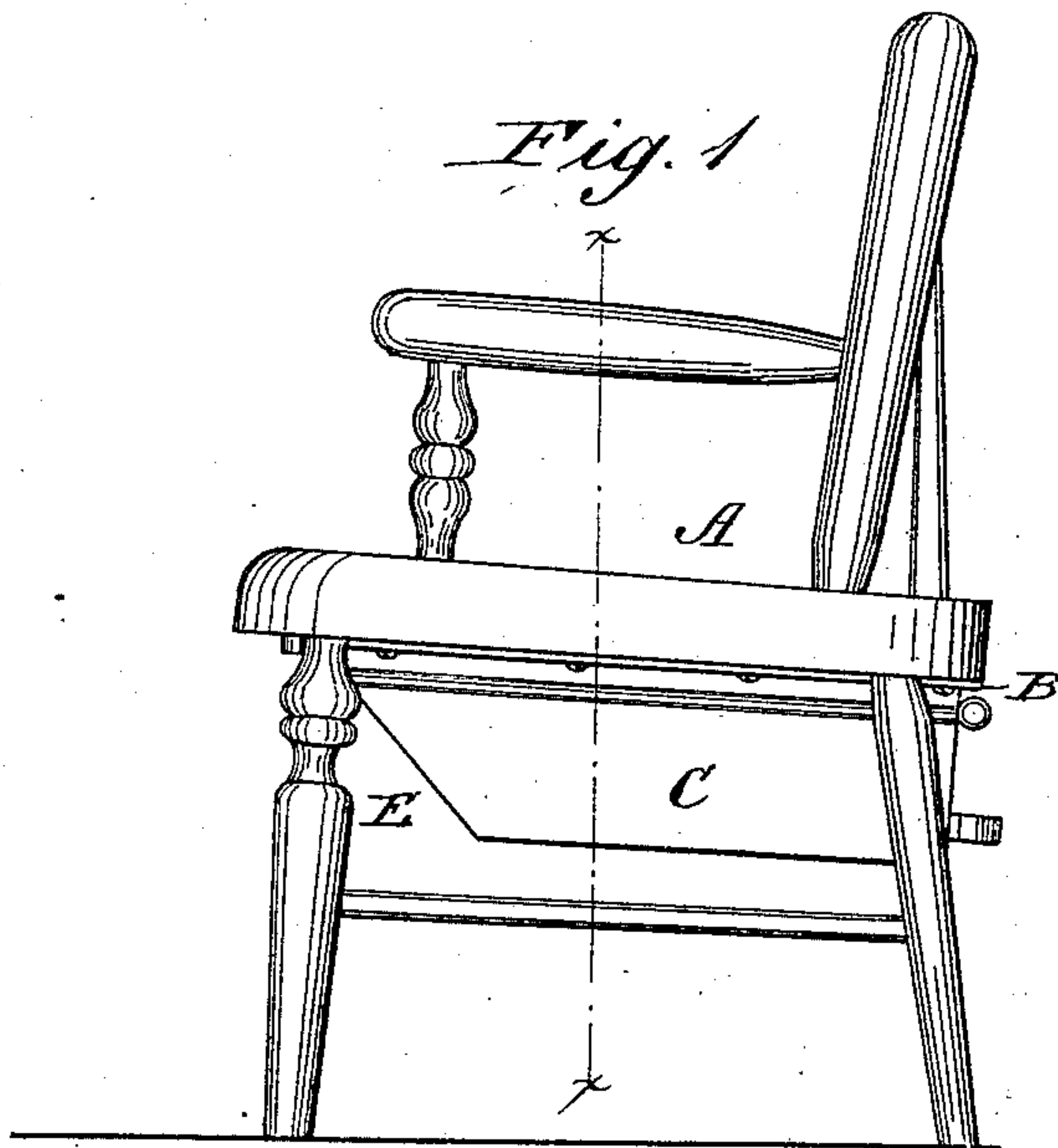
(No Model.)

B. RUBENSTEIN.

CHAIR COMMODE.

No. 321,915.

Patented July 7, 1885.



WITNESSES:

W. W. Hollingsworth
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INVENTOR:

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UNITED STATES PATENT OFFICE.

BARNEY RUBENSTEIN, OF EAST SAGINAW, MICHIGAN.

CHAIR-COMMODE.

SPECIFICATION forming part of Letters Patent No. 321,915, dated July 7, 1885.

Application filed October 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, BARNEY RUBENSTEIN, a citizen of the United States, residing at East Saginaw, in the county of Saginaw and State of Michigan, have invented certain new and useful Improvements in Chair-Commodes, of which the following is a description.

This invention relates to that class of devices which are used in the sick-room as a substitute for the water-closet, which the sick person is unable to reach; and it has for its object to provide means whereby a light and easily-moved chair may be used for the purpose above stated without allowing the escape of foul air either from the chair or from the chamber while it is being removed and carried away from the chair.

To this end my invention consists in the construction and combination of parts forming a chair-commode hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a vertical section at $x x$ of Fig. 1. Fig. 3 is a vertical section at right angles to Fig. 2, and Fig. 4 is a perspective view of the chamber.

A represents the chair, which may be of any usual construction, provided that it has a suitable hole in the seat and the under side of the seat is a plane surface.

B B are cleats secured closely to the under side of the seat, lying parallel with each other from front to rear, between and near the chair-legs.

C is the chamber, which I make in the form of a parallel-sided drawer, having its front end, E, slanted to allow the contents to be readily removed. This drawer is provided at its upper side edges with ribs or flanges D, to slide upon the cleats B, and at the same time to touch close up to the seat of the chair at each side of the hole therein. The front and rear ends of the drawer touch close up to the seat also, thereby entirely inclosing the scent while the commode is in use. The drawer serves in lieu of the usual earthen chamber, and I prefer to make it of sheet metal, such as tin.

F is a cover for the drawer, made to enter a thin slot in the back end of the drawer,

and to slide in grooves in the sides of the drawer, into which it fits closely to securely inclose the scent within. When the commode is in service the drawer-cover is slid out to the rear. When the service is ended the cover is to be slid into place. Then the drawer may be removed by drawing it out of the rear of the chair without the patient having to rise from the chair. The contents of the drawer being thus inclosed during all the time of using the commode without any permanent side walls to the commode to gather foulness, may now be carried out, still inclosed, without the use of cumbersome and inconvenient vessels. To this end I have provided a bail, G, pivoted at its two ends centrally to the sides of the drawer, to lie within that portion of the drawer which extends above the cover F, or to swing up, as in Fig. 4, and serve as a handle to carry the drawer by.

I am aware that there are commodes boxed at their sides having drawers to serve as chambers; but in such devices the sides of the commode are trusted to inclose the odor, and no effort is made to fit the tops of the drawers closely to the chair-seats.

I am also aware that chair-commodes have been provided with circular packings around the holes between the chambers and seats; but such seats require to be tipped over back for the removal of the chamber. This would be awkward if the patient had remained seated, as he may do with my commode; and with this style of commode, however weak and long in rising the patient may be, the cover cannot be placed on the chamber until he is far enough away to allow the chair-seat to be tipped over, thus allowing much time for the escape of foul air. My commode has the advantages of both these styles without the disadvantages of either.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of a chair, A, having a seat and legs, and a commode-hole through the seat, a pair of cleats or slideways, B, secured directly to the under side of the seat, a drawer, C, having parallel flanges D at its upper side edges fitted to slide on the said cleats and to touch the bottom of the chair

at all sides of the hole, and having a slit in one side and grooves in two other sides, and a cover, F, fitted to enter the said slit and to slide across the drawer in the said grooves, 5 substantially as described, whereby a chamber or drawer may fit closely to a chair-commode seat while in use, and a cover may be placed on the drawer, and the drawer may be removed from the chair while the patient or user of the commode still remains seated in 10 the chair.

BARNEY RUBENSTEIN.

Witnesses:

WM. H. SWEET,
ROBERT N. WILSON.