

No. 622,384.

Patented Apr. 4, 1899.

A. O'BRIEN.
SEAT AND LID HINGE.
(Application filed Mar. 4, 1898.)

(No Model.)

Fig. 1.

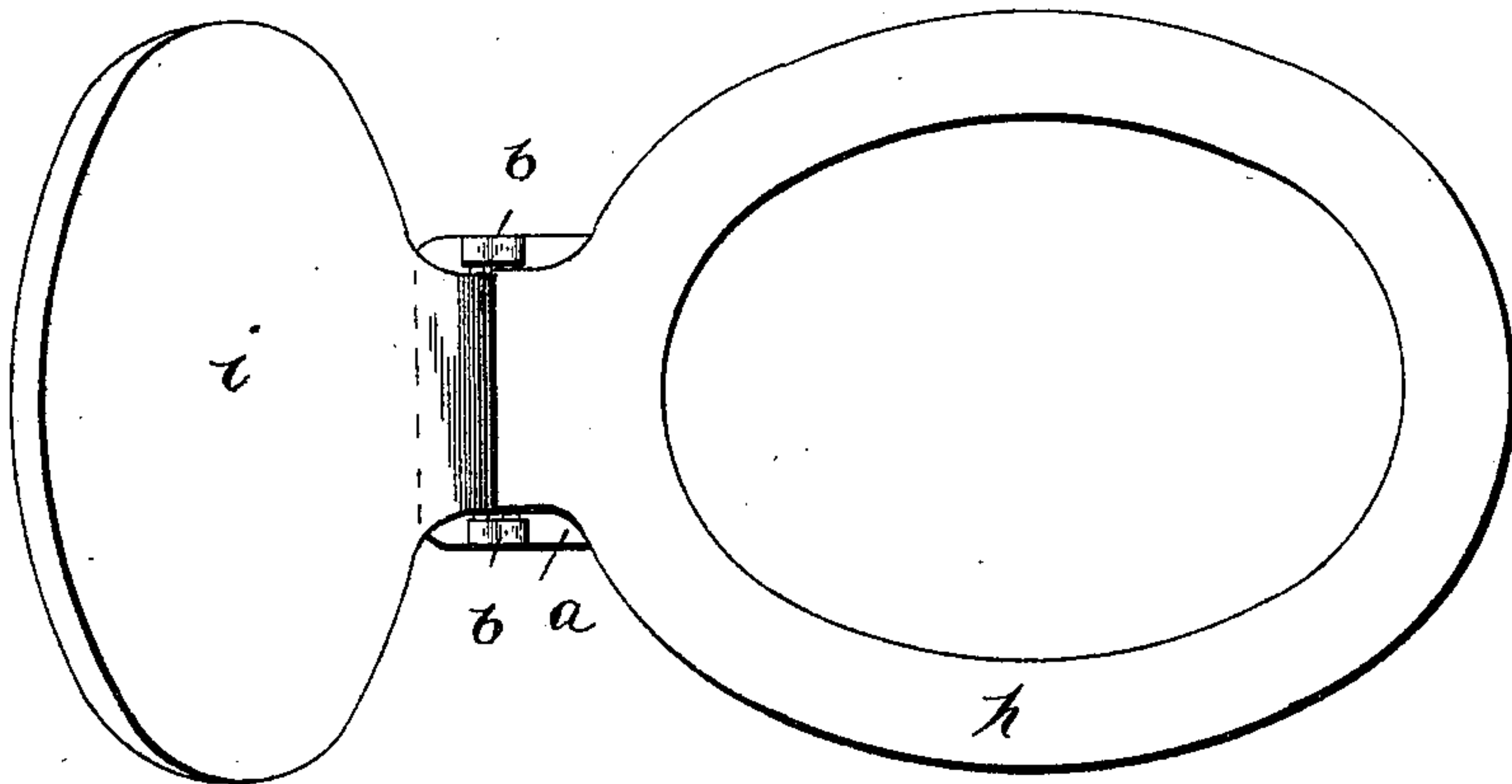


Fig. 3.

Fig. 4.

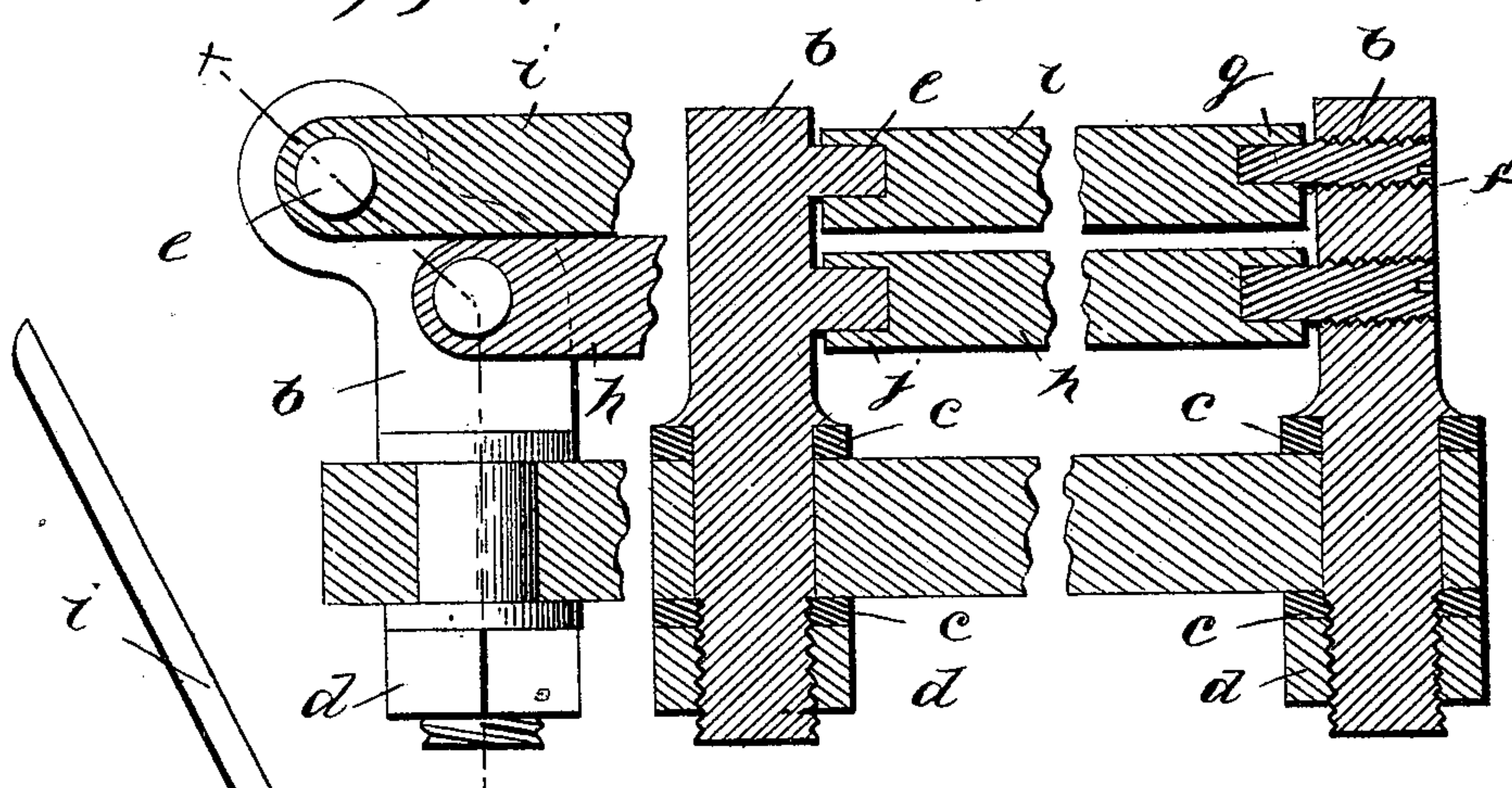
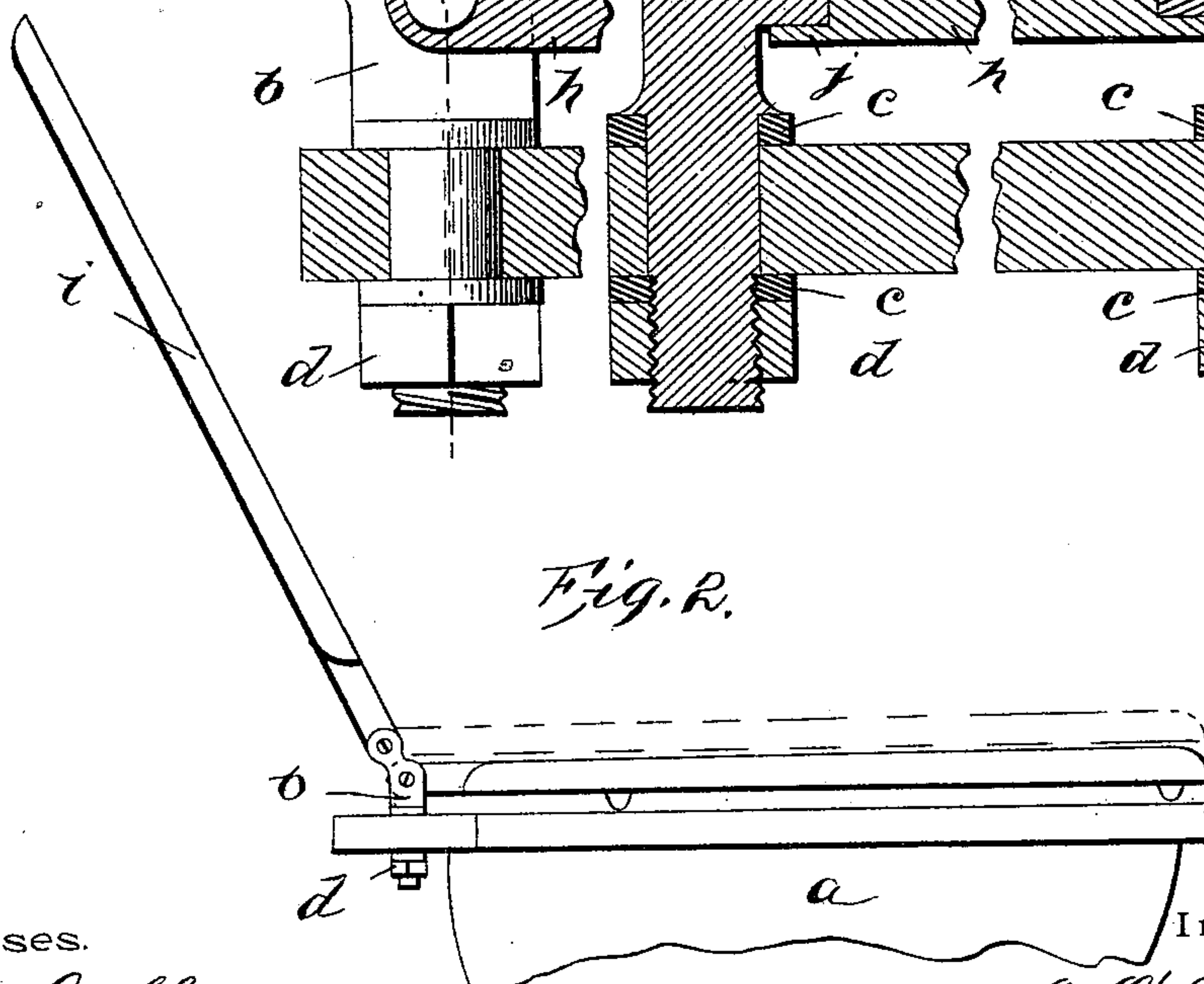


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

ARTHUR O'BRIEN, OF HELENA, MONTANA, ASSIGNOR OF THREE-FOURTHS
TO AUGUST FACK AND MARTIN A. MITCHELL, OF SAME PLACE.

SEAT AND LID HINGE.

SPECIFICATION forming part of Letters Patent No. 622,384, dated April 4, 1899.

Application filed March 4, 1898. Serial No. 672,499. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR O'BRIEN, of Helena, in the county of Lewis and Clarke and State of Montana, have invented certain new and useful Improvements in Seat and Lid Hinges; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

This invention relates to certain new and useful improvements in double cover-hinges, and most particularly to seats and covers for water-closet bowls.

The invention consists in certain novel features of construction and in combinations of parts more fully described hereinafter and particularly pointed out in the claim.

The object of the invention is to provide a double hinge simple, cheap, and durable of construction and composed of a minimum number of parts.

A further object of the invention is to provide a double hinge that can be quickly and easily attached to any closet-bowl and one that is very neat in appearance and effective in operation.

A further object of the invention is to provide a double hinge having the pintles of the two lids so arranged that both of them may be raised at the same time.

In the accompanying drawings, forming part of this specification, like letters of reference mark the same parts throughout the different views, in which—

Figure 1 is a top plan view of a closet-seat, the device in operative position, the lid being raised. Fig. 2 is a side elevation thereof. Fig. 3 is a partial section showing one of the hinge-posts in elevation, somewhat enlarged; and Fig. 4 is a section taken on the line 4 4, Fig. 3.

Referring by letter to the drawings, *a* is the bowl or pottery, carrying at its near upper edge the hinge-posts *b*.

c are rubber gaskets interposed between the

pottery and the shoulder of the post *b* on the upper side and the pottery and the nut *d* on the underside, which protect the bowl and prevent lateral movement of the posts. One of the posts *b* is provided with the pivoted lugs *e* and the other with screw-threaded holes *f*, into which is screwed the corresponding pintles or projections *g*.

The seat *h* and lid *i* are provided with recesses *j* in edges to correspond with and receive the pintles or projections *e* and *g*.

The device is very simple, and it can be attached to any closet-bowl or removed with the greatest ease.

The posts *b* are set with a gasket *c* above and below the pottery. The nut *d* is then screwed home and the posts are secured. The seat *h* is then placed in position, the pivoted lug *e* being inserted into the recess *j*. The screw-threaded pintles *g* are then screwed into the threaded opening *f* in the opposite post *b*, and the seat is secured as desired, as is the lid *i* after the same operation.

It is evident that various slight changes might be made in the forms, construction, and arrangement of the parts described without departing from the spirit and scope of my invention. Hence I do not wish to limit myself to the exact construction herein set forth, but consider myself entitled to all such changes as lie within the spirit of the invention.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

A double hinge for closet-seats comprising the pottery having openings in its top, hinge-posts secured therein, pintles integral with one post and openings in the other, adjustable pintles movable in said openings, the seat and lid and openings therein to receive and rotate on said pintles for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

ARTHUR O'BRIEN. [L. S.]

Witnesses:

E. C. DUFFY,
F. C. BARRY.