

(No Model.)

B. C. SMITH.  
SEAT.

No. 503,728.

Patented Aug. 22, 1893.

FIG. 1.

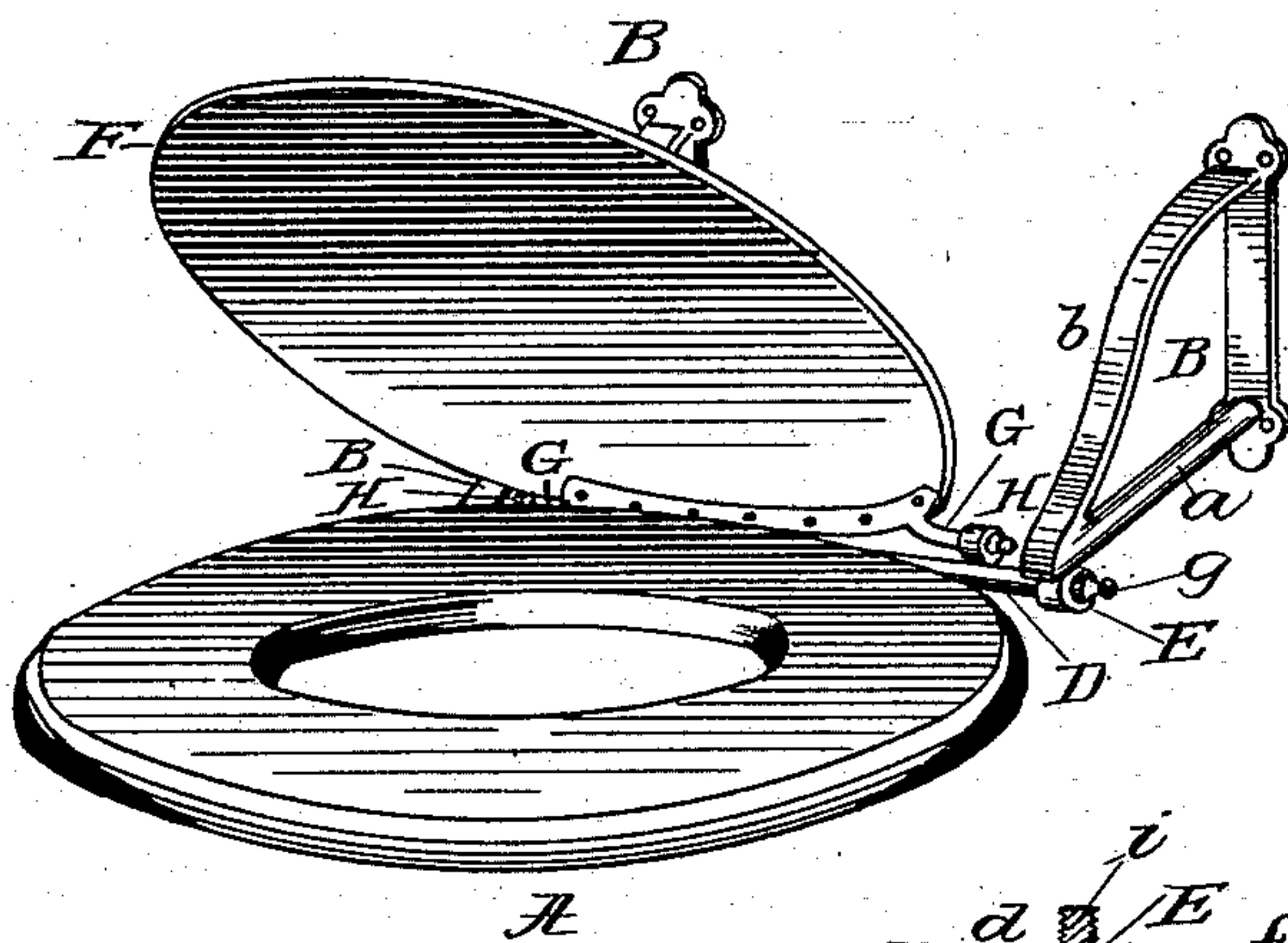


FIG. 4.

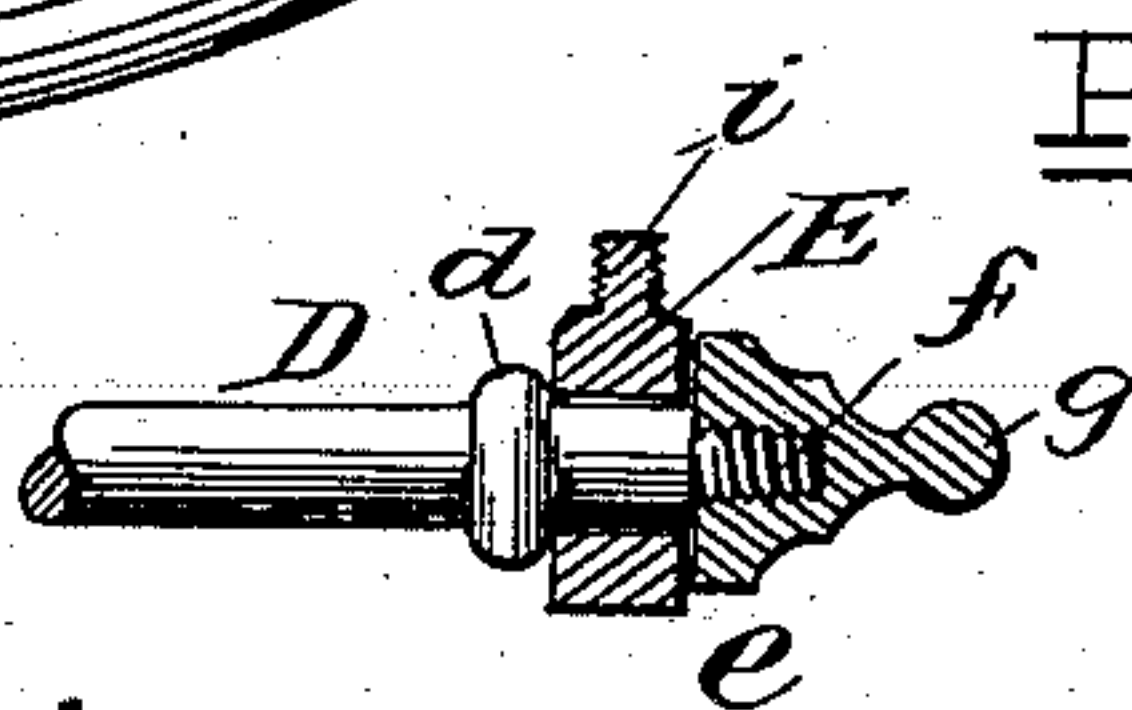


FIG. 2.

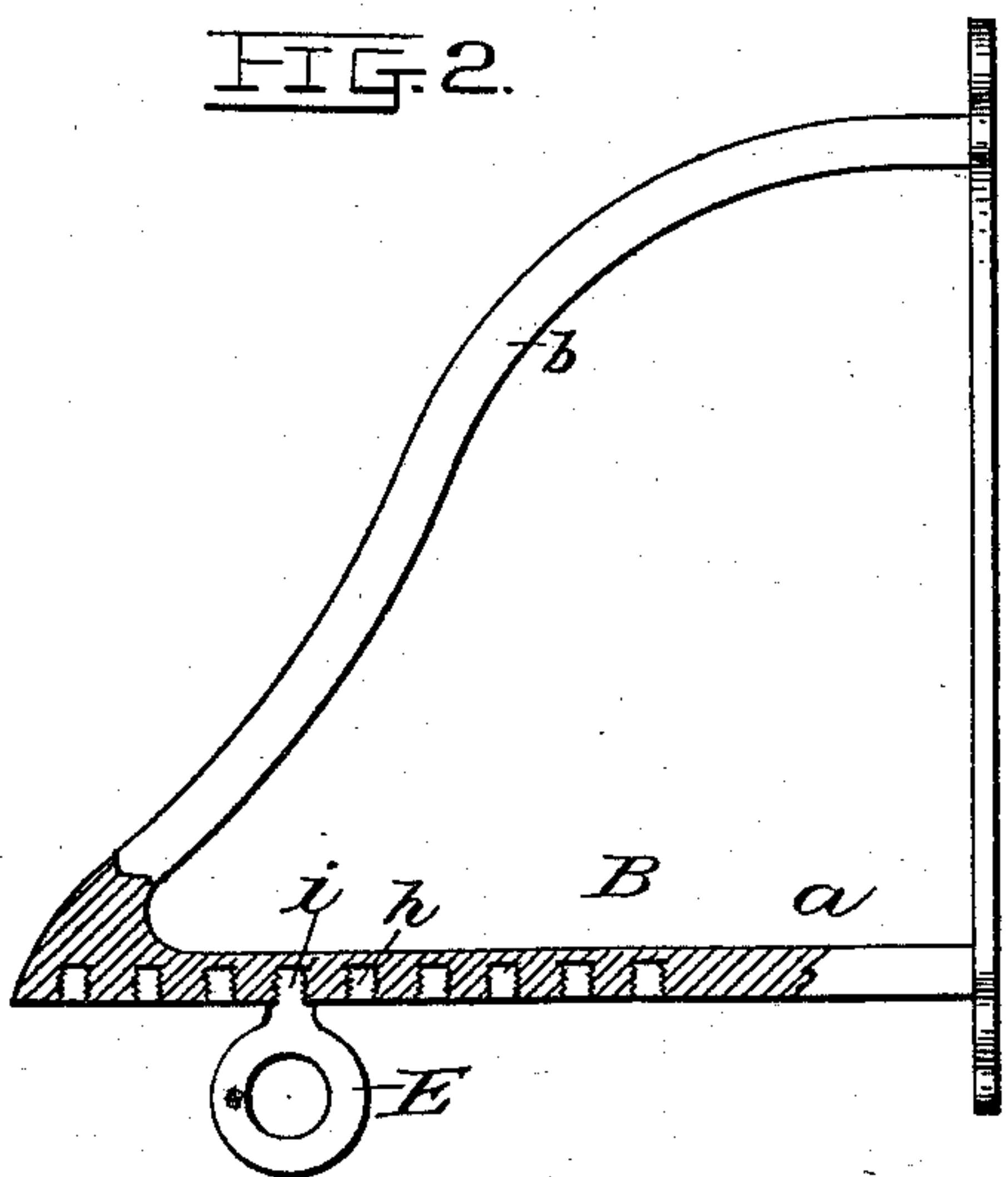


FIG. 3.

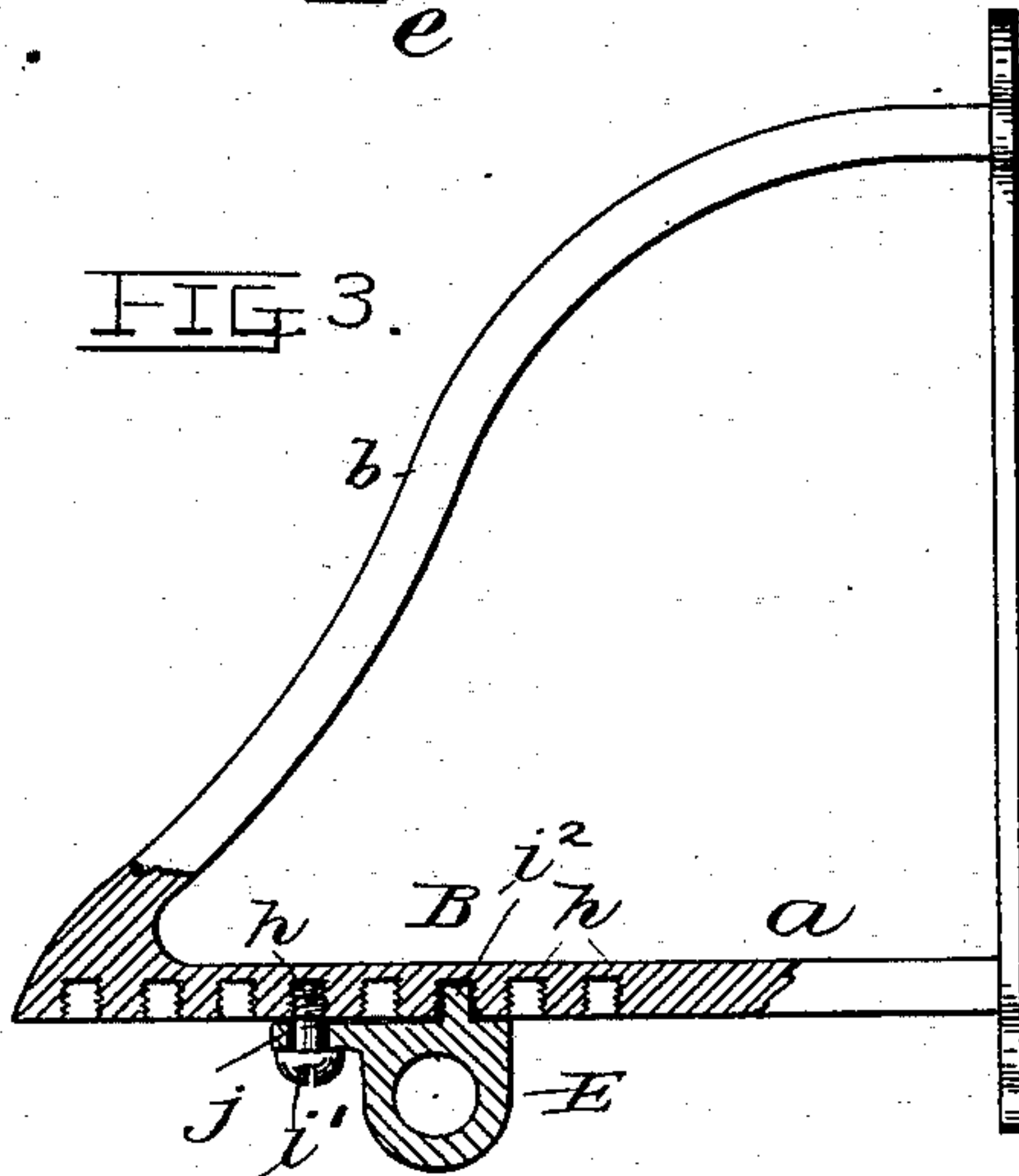


FIG. 5.

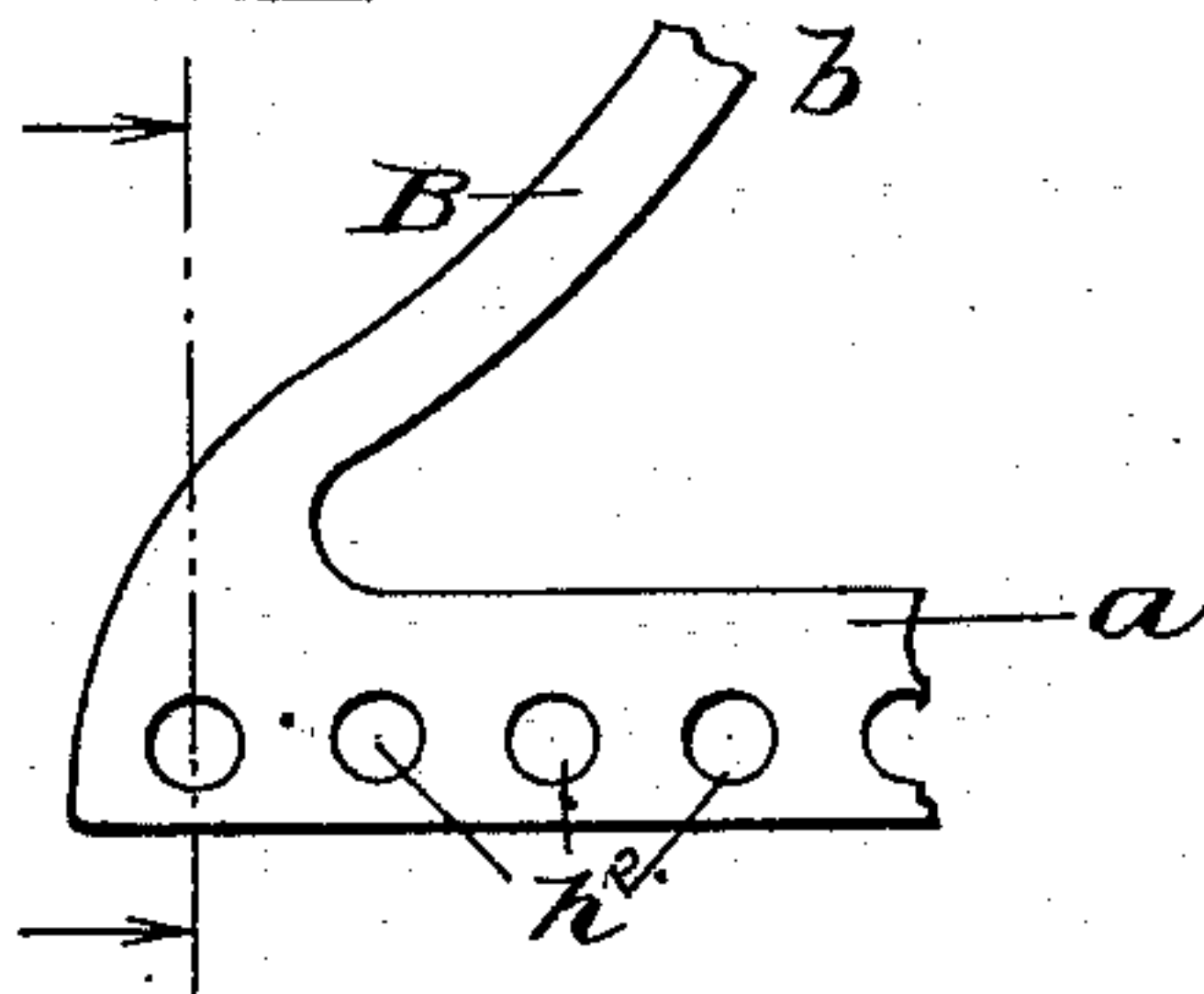
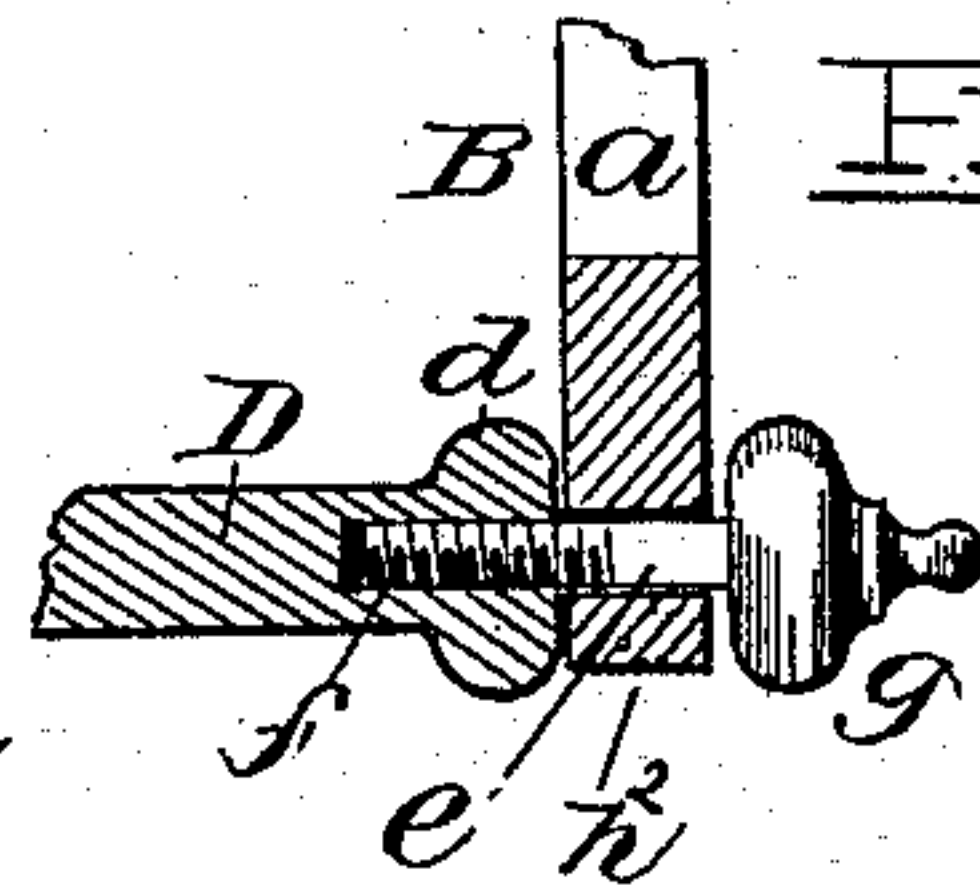


FIG. 6.



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# UNITED STATES PATENT OFFICE.

BENJAMIN C. SMITH, OF BROOKLYN, NEW YORK.

## SEAT.

SPECIFICATION forming part of Letters Patent No. 503,728, dated August 22, 1893.

Application filed November 4, 1892. Serial No. 450,954. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN C. SMITH, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Seats, of which the following is a specification.

One object of my invention is to provide an adjustable pivotal support for a seat, to enable the latter to be swung on its pivot as well as to be adjusted laterally to bring the seat into the desired position with relation to anything under it.

Another object is to combine a cover with said seat in such manner that the cover can have independent movement and yet be swung with the seat as the latter is turned.

The invention consists in the novel details of improvement and the combinations of parts that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings forming part hereof, wherein—

Figure 1 is a perspective view of a seat and cover provided with my improvements. Fig. 2 is a partly broken side view, enlarged, of the bracket for holding the seat, showing means for adjusting the pivot of the seat. Fig. 3 is a similar view showing a slight change in the adjustment of the bearing for the seat pivot. Fig. 4 is a sectional detail view of the seat pivot and its support. Fig. 5 is a detail side view of a portion of a bracket, showing the apertures for the bearings of the seat pivots arranged horizontally, and Fig. 6 is a sectional detail view of the pivot for the seat and its bearings.

In the accompanying drawings the letter A indicates a seat that is pivotally carried at one side or edge. The seat A represents a water closet seat, that may fit over the closet in manner well known, the closet not being shown.

In order to firmly and conveniently support the seat A, while giving an ornamental appearance to the device I provide brackets B that may be of suitable design and adapted to be fastened to a wall, to which brackets the seat is pivoted. The horizontal arm *a*, of the bracket B is located beneath the base *b*, as shown, if preferred. The seat A carries pivot arms D that project from opposite sides

of the seat and are supported by the brackets B. In Figs. 1 to 4 the arms D are shown journaled in adjustable bearings E, carried by the brackets B. In Figs. 1 and 4 the arm D is shown having a shoulder *d*, that lies against the inner side of bearing E, there being one such shoulder on each side of seat A to prevent lateral movement of said seat. The arm D also has a bearing portion *e*, that enters bearings E, and a threaded end *f*, projecting outwardly from bearing E, upon which is placed a nut *g* (see Fig. 4). It will be understood that a similar arrangement will be placed on both sides of the seat A, although only one is shown in the perspective view, Fig. 1.

The bearings E are adjustable along arms *a*, *a*, of the brackets B, B, and for this purpose said arms are provided with a series of apertures *h*. In Figs. 1, 2 and 4 the bearings E have a threaded stud or projection *i*, that work in the apertures *h*, (also threaded.) By this means the bearings E can be adjusted along the brackets B, B, so as to adjust the seat A laterally as desired, with relation to the wall or the closet beneath the seat.

In Fig. 3 the bearing E is shown adjustably held in place by a screw *j*, passing through an apertured lug *j*, on the bearing E, and working in an aperture *h*, a stud *i*<sup>2</sup> on bearing E also entering an aperture *h* to prevent turning of the bearing E.

In Figs. 5 and 6 the apertures *h*<sup>2</sup> are horizontally arranged in arm *a* of bracket B, and the bearing *e*, is carried by the nut *g*, and screws into the end of arm D, after passing through aperture *h*<sup>2</sup> in bracket B. The seat A, swings on the part *e*, as a pivotal point in all cases. The arm D can be adjusted along bracket B by passing the part *e* through any of the apertures *h* and screwing it into arm D.

It will be understood that brackets B having either of the adjustable bearings E can be used as may be found most desirable.

F is a cover or lid on seat A, and it is pivotally connected therewith so as to turn independently of said seat, and yet swing with the seat as it is raised or lowered. The cover F carries arms G projecting from opposite sides thereof (substantially similarly to arms D) the arms G being pivoted on the arms D. For this purpose the arms D carry bearings H, in which the arms G are pivoted, see Fig.



1. The bearings H may be arranged as described with relation to bearings E if desired. I find it convenient to use one bearing H arranged as shown in Fig. 4, and the other bearing H as in Fig. 6. The bearings H may be stationary on arms D, and therefore the arrangement shown in Fig. 6 for at least one side may be essential.

With my improvements it is possible to adjust the seat A nicely in different positions with very little trouble. The parts are not liable to get out of order are cheap to make and simple in construction. By having the cover F pivoted on the arms D of the seat A a strong arrangement is made that is not liable to be injured through rough usage. Of course the seat arrangement shown can be used separate from the cover attachment.

Having now described my invention, what I claim is—

1. The combination of brackets B, B, whose arms *a, a*, are provided with apertures, with a seat having arms D, D, bearings E, E, for

said arms and means for securing said bearings in said apertures, whereby they are adjustably connected with said brackets, substantially as described.

2. The combination of brackets B, B, having apertures, a seat, arms D, D, carried thereby, and having bearings *e*, bearings E, E, adjustable in said apertures, and nuts *g* on arms D, D, substantially as described.

3. The combination of a seat, arms D, D, pivotally supporting the same, bearings for said arms, and brackets for said bearings with a cover for said seat, arms G, G, carried by said cover and bearings on the arms D, D, to receive the arms G, G, substantially as described.

Signed at New York, in the county of New York and State of New York, this 2d day of November, A. D. 1892.

BENJAMIN C. SMITH.

Witnesses:

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