

(No Model.)

H. R. HEATH.

BUTTON.

No. 338,409.

Patented Mar. 23, 1886.

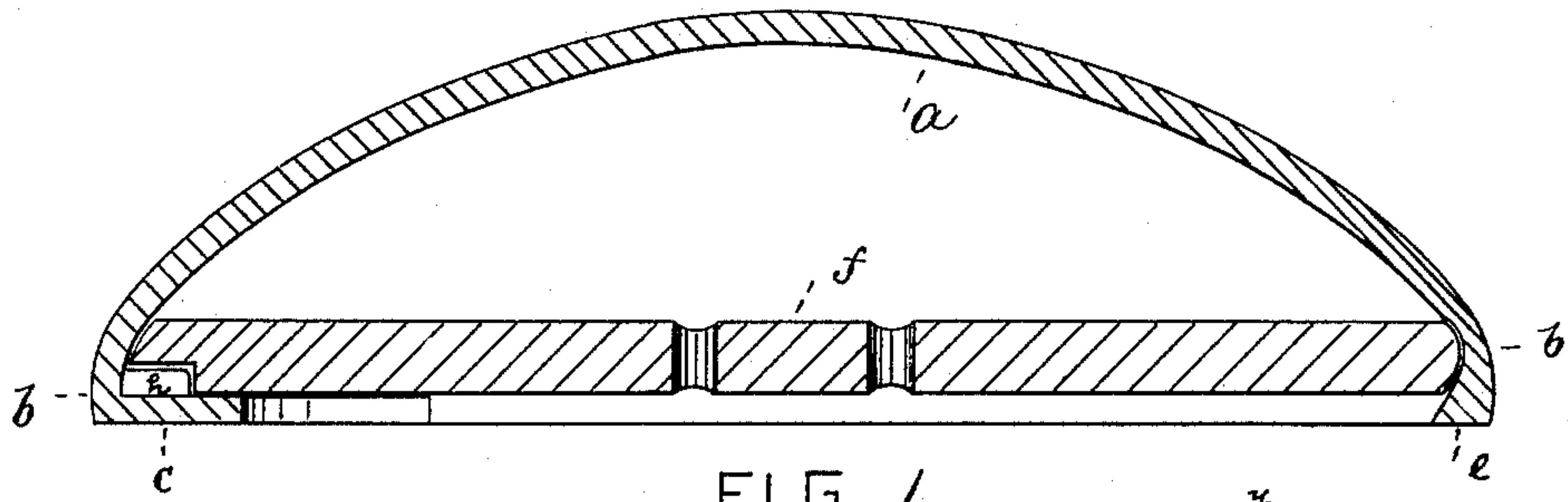


FIG. 1

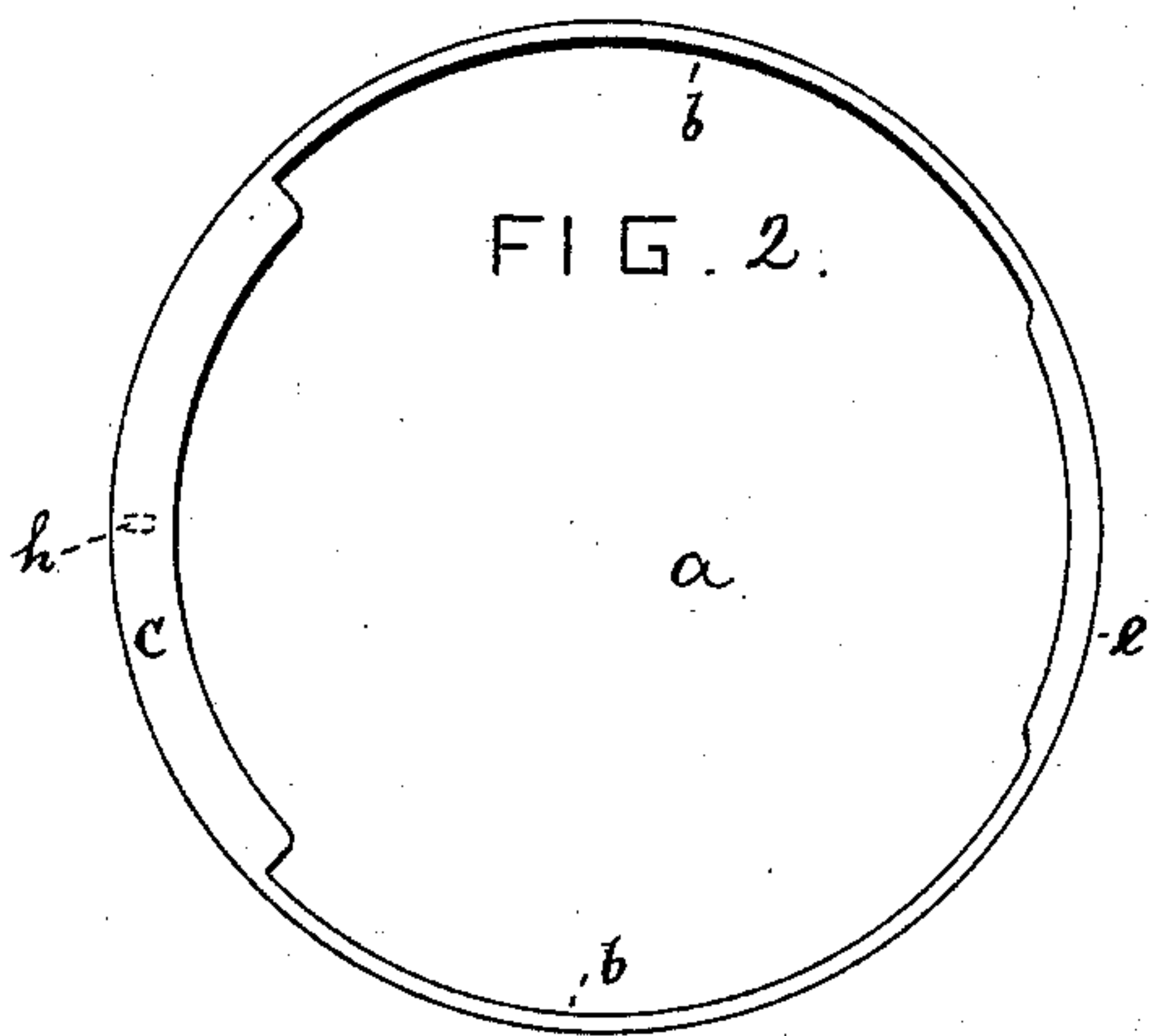


FIG. 2.

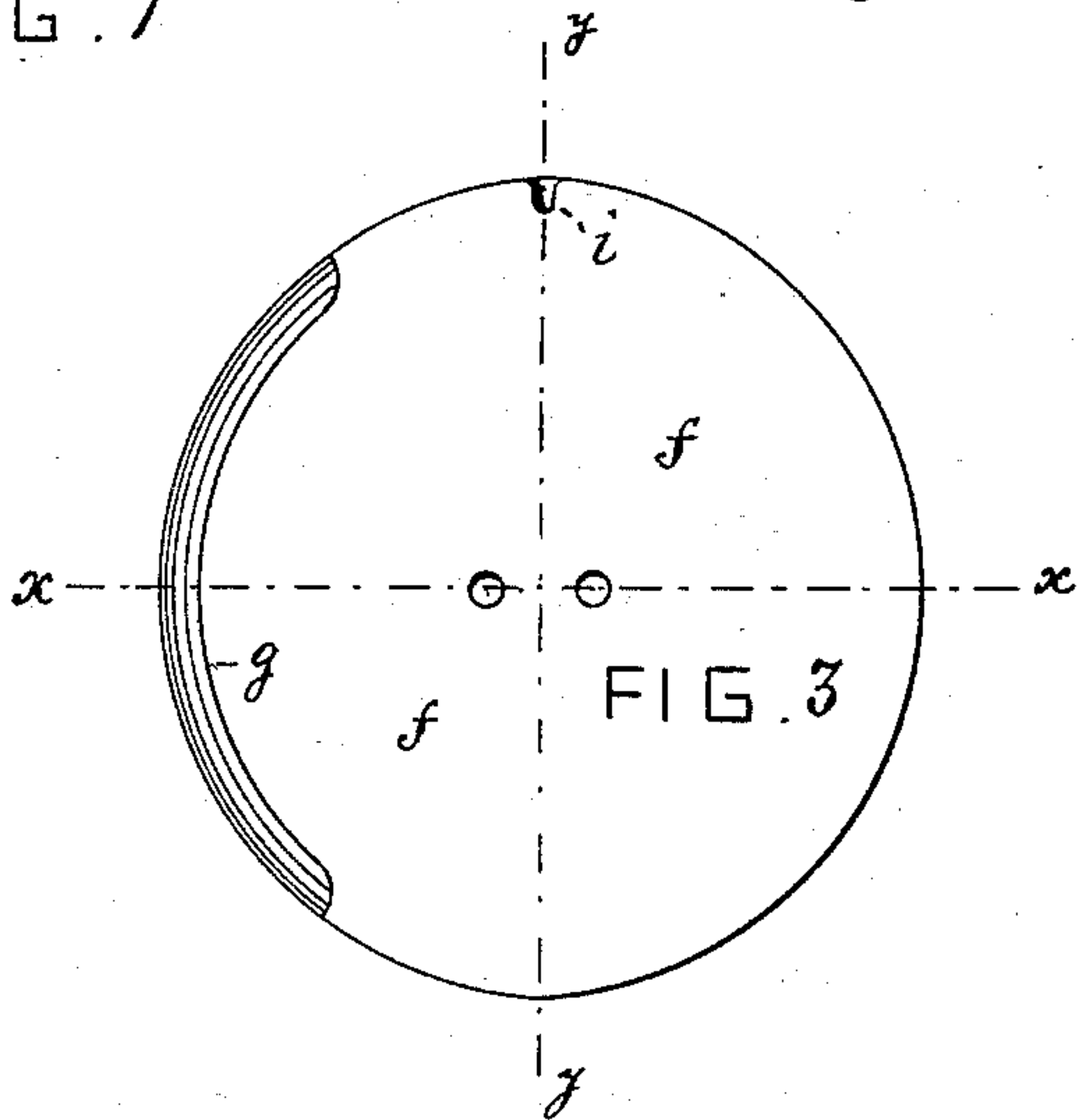


FIG. 3

FIG. 4

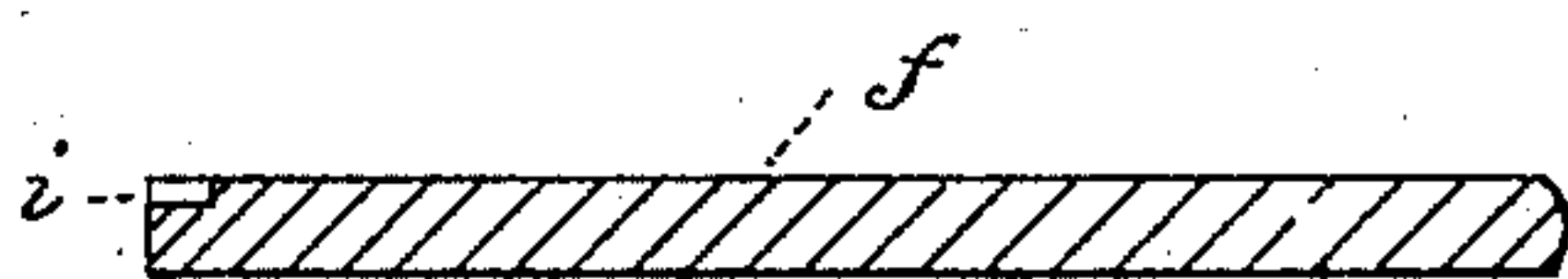


FIG. 5

WITNESSES

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INVENTOR

*Henry R. Heath*  
*by his attorneys*  
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# UNITED STATES PATENT OFFICE.

HENRY R. HEATH, OF BROOKLYN, ASSIGNOR OF TWO-THIRDS TO CHARLES S. GOODWIN, OF NEW YORK, AND NOYES F. PALMER, OF JAMAICA, N. Y.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 338,409, dated March 23, 1886.

Application filed October 30, 1885. Serial No. 181,352. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY R. HEATH, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and  
5 Improved Button, of which the following specification is a full, clear, and exact description.

This invention relates to a button having a removable cap; and it consists in the elements of construction hereinafter more fully pointed  
10 out.

In the accompanying drawings, Figure 1 is a central section of my button, showing the cap in its proper position. Fig. 2 is a back view of the cap; Fig. 3, a back view of the head.  
15 Fig. 4 is a section on line *x x*, Fig. 3; Fig. 5, a section on line *y y*, Fig. 3. Fig. 6 is a back view of the cap and head, showing the parts at the time the cap is applied.

The letter *a* represents a cap, made of metal  
20 or other suitable material. It is of cup shape, as shown in Fig. 1, and is surrounded by a flange, *b*. This flange is turned in or provided with a ledge, *c*, for a portion of its length. Opposite the ledge *c* the flange *b* is made of  
25 slightly curved or tapering form, as shown at *e* in Fig. 1.

*f* represents the head of the button, made not entirely round, but slightly elongated or elliptical. At one edge the head is provided  
30 with a bevel, *g*, as shown.

The usual cable or thread holes for attaching the button to the garment are made in the head *f*.

In order to apply the cap to the head, the former is placed around the head in the man- 35 ner shown in Fig. 6—that is to say, the beveled edge *g* is slipped beneath ledge *c*—and thus the minor axis of head *f* will be in line with the center of ledge *c* and taper *e*. The cap *a* is now revolved about one-quarter of a 40 revolution, to bring the major axis of head *f* in the line with ledge *c* and taper *e*. The cap will now be securely clamped in place, one end of the head being confined beneath ledge *c*, while the other end frictions tightly against 45 taper *e*. I form a small stud, *h*, within cap *a*, to enter a slight depression, *i*, on head *f* when the parts are in their proper final position. This stud prevents the cap from being turned  
50 too far.

I claim as my invention—

In a button provided with a changeable face, the combination of the face *a*, recessed on its under side and provided with peripheral op-  
55 posite flange portions, one of said flange portions carrying a lug on its under side with an elliptical base, *f*, provided with a notch or recess to engage with said lug, substantially as specified.

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Witnesses:

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