

No. 747,960.

PATENTED DEC. 29, 1903.

I. FRANKEN.

COLLAPSIBLE PROTECTING DEVICE FOR CLOSET SEATS.

APPLICATION FILED OCT. 3, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

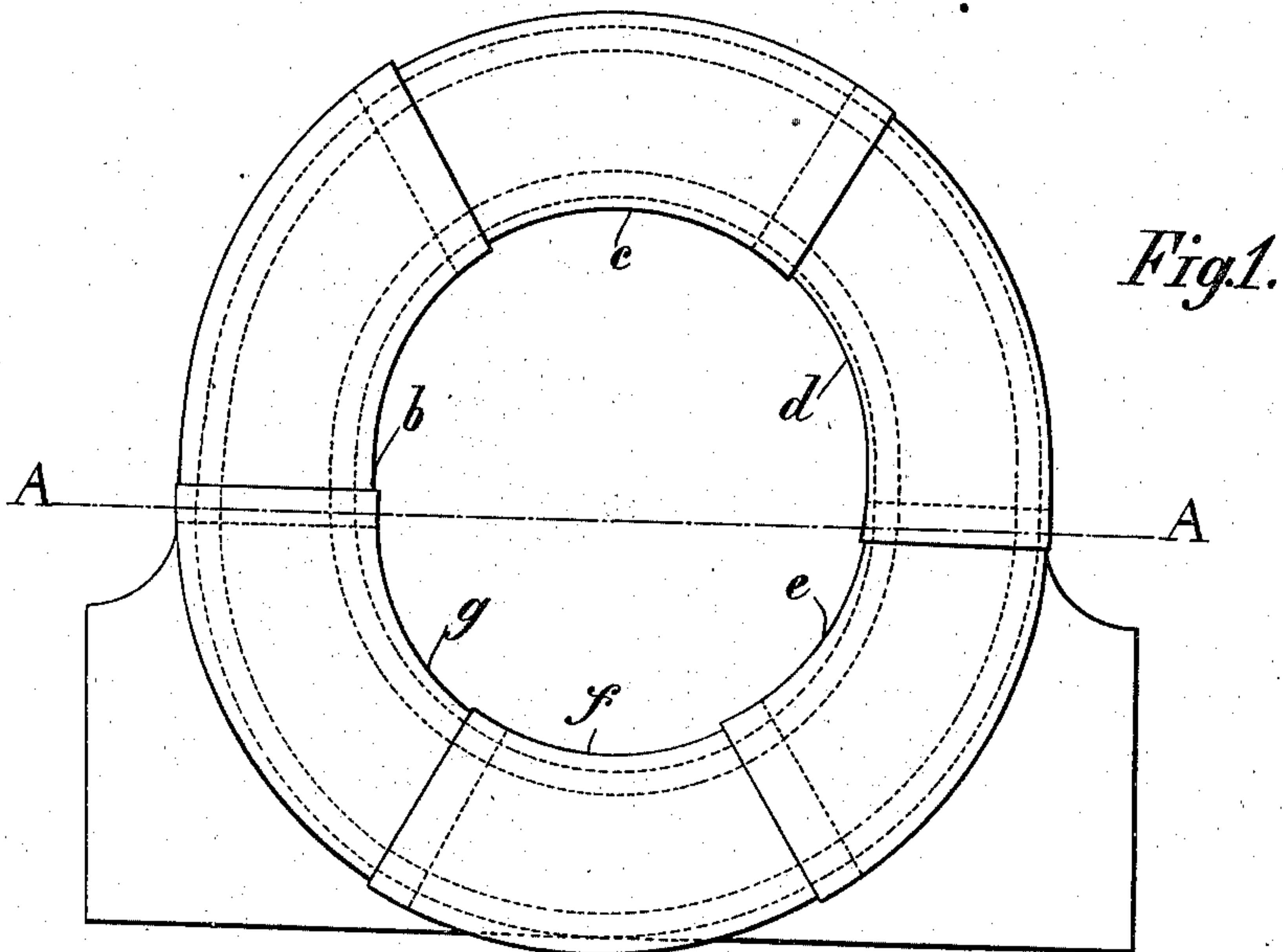


Fig. 1.

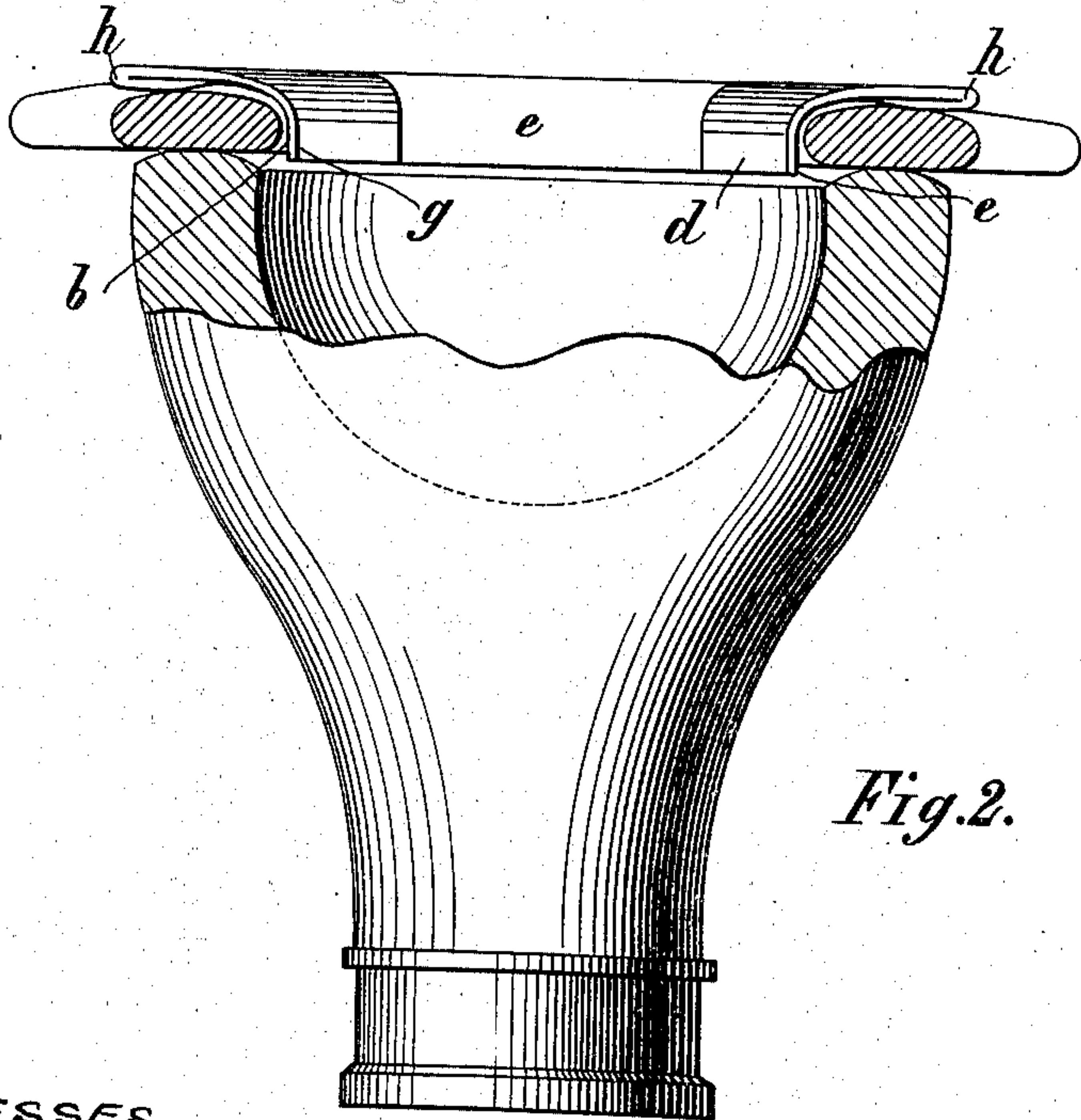


Fig. 2.

WITNESSES

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2 SHEETS—SHEET 2.

Fig. 5.

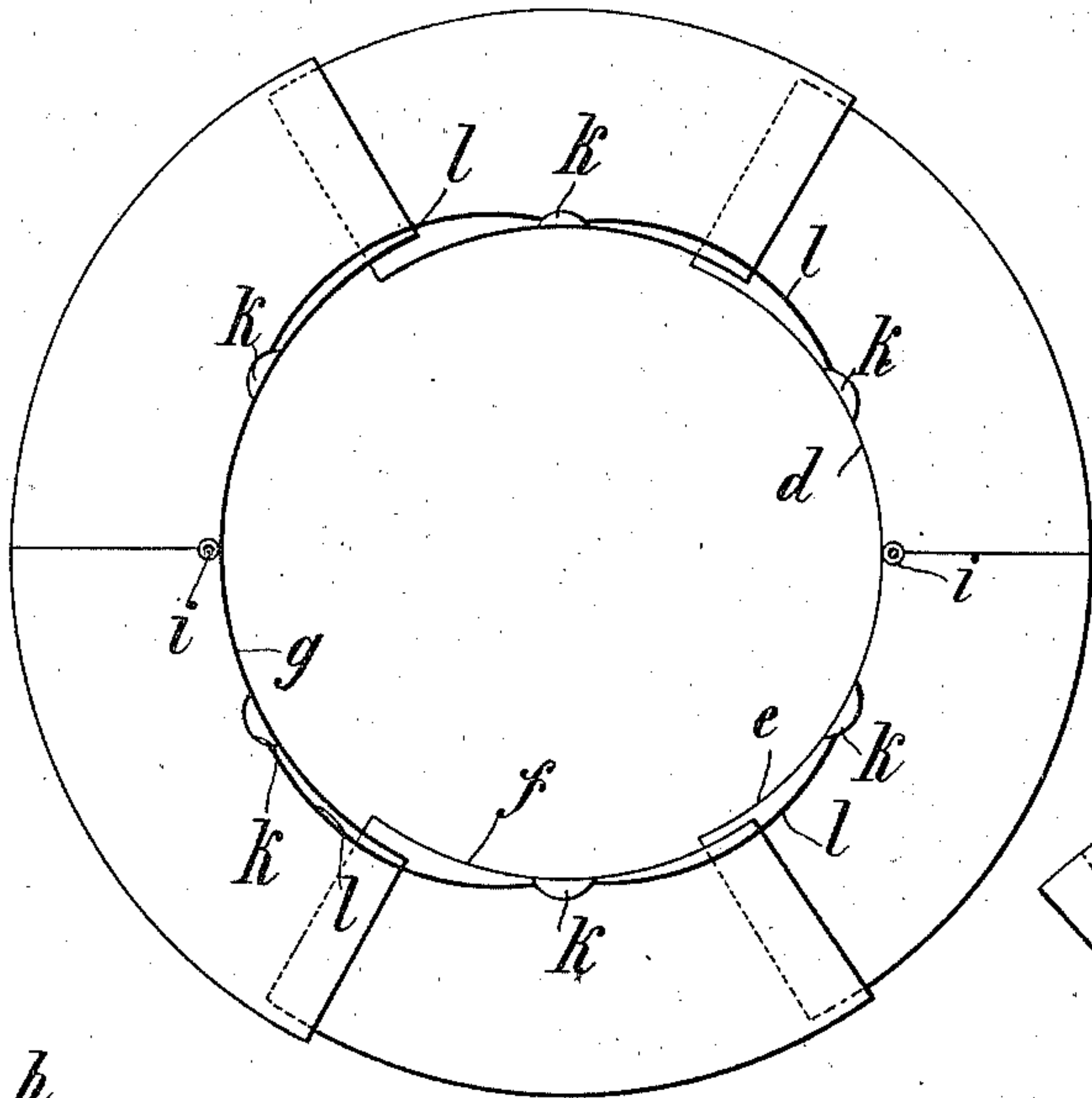


Fig. 4.

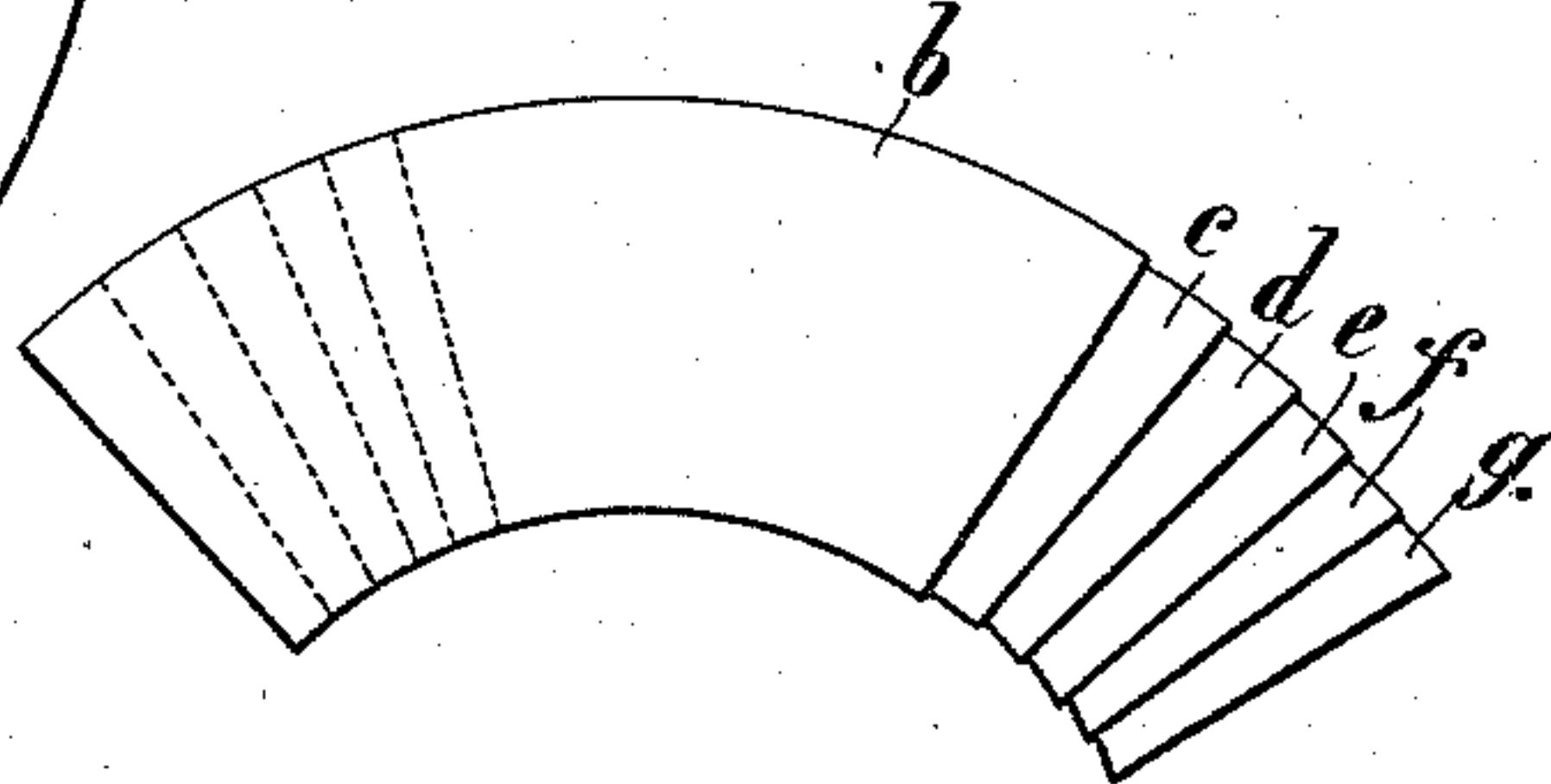


Fig. 6.

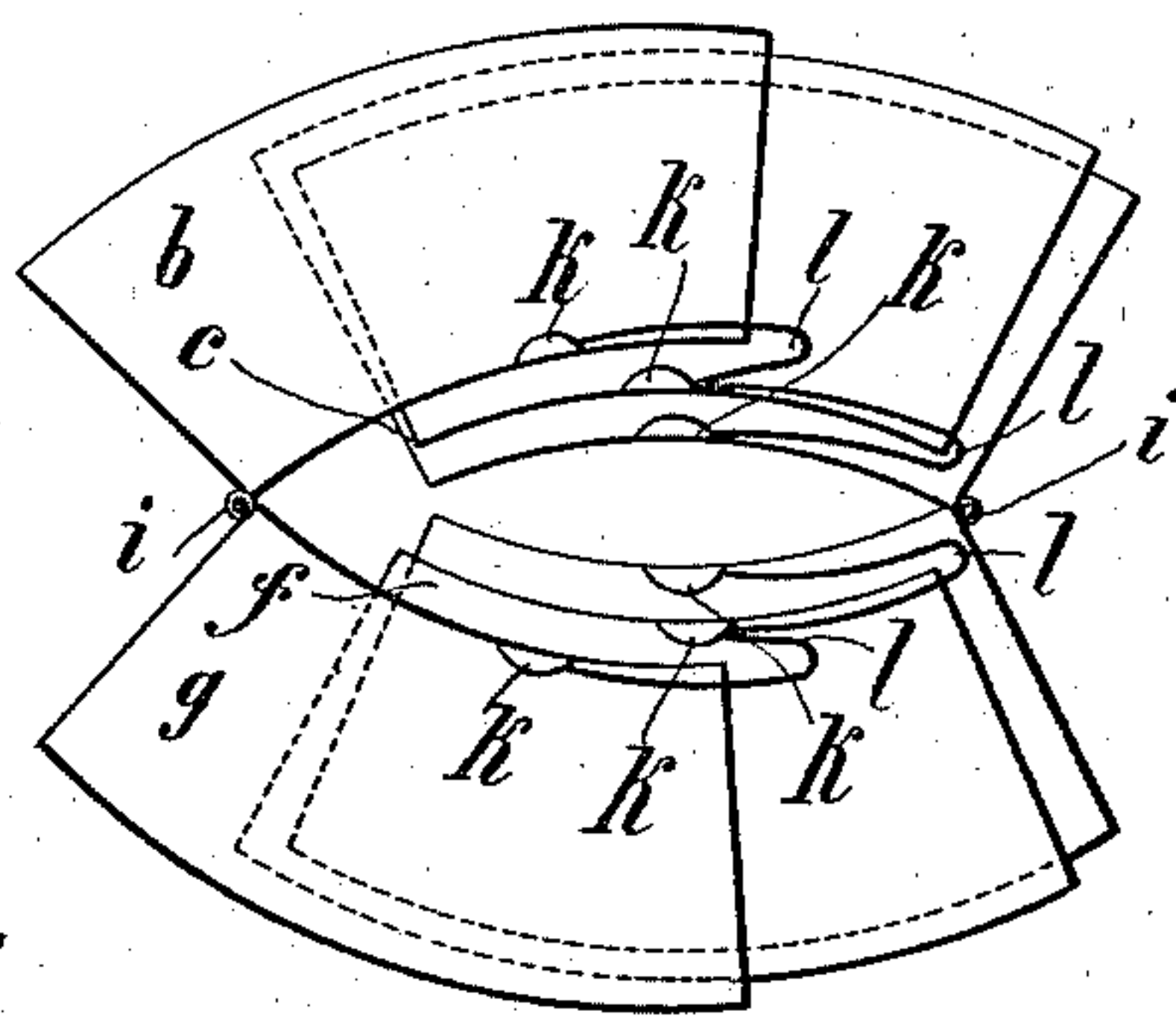
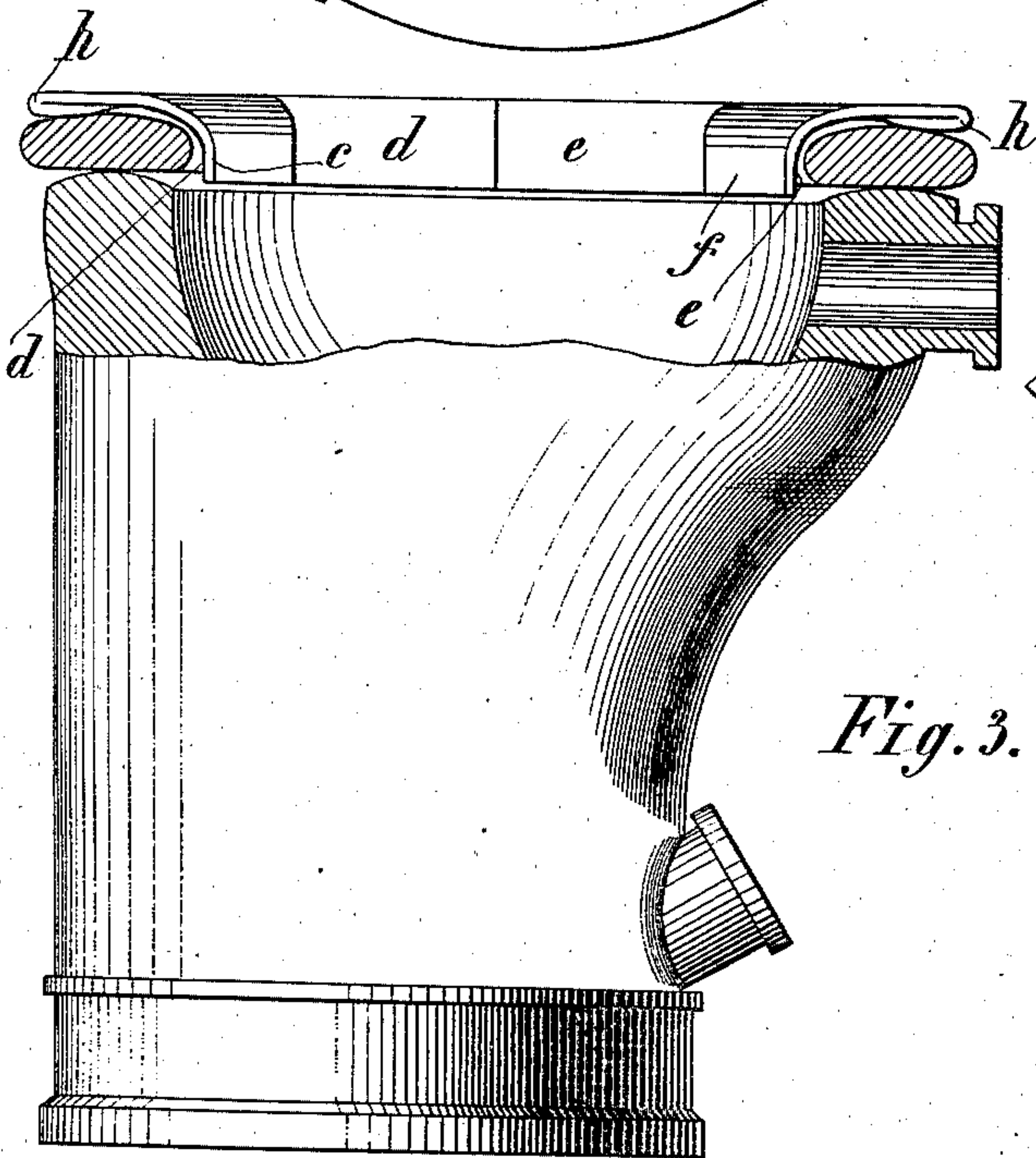


Fig. 3.



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UNITED STATES PATENT OFFICE.

ISAK FRANKEN, OF FRANKFORT-ON-THE-MAIN, GERMANY.

COLLAPSIBLE PROTECTING DEVICE FOR CLOSET-SEATS.

SPECIFICATION forming part of Letters Patent No. 747,960, dated December 29, 1903.

Application filed October 3, 1902. Serial No. 125,842. (No model.)

To all whom it may concern:

Be it known that I, ISAK FRANKEN, a subject of the German Emperor, residing at Frankfort-on-the-Main, Germany, have invented certain new and useful Improvements in Collapsible Protecting Devices for Closet-Seats, of which the following is a specification.

This invention relates to a collapsible protecting device for closet-seats which meets a hygienic want, especially for those persons who through traveling or other causes are compelled to make frequent use of public closets.

On the annexed drawings, Figure 1 shows a plan of one arrangement of the device; Fig. 2, a vertical section taken on the line A A, Fig. 1; Fig. 3, a vertical section taken on the line B B, Fig. 1. Fig. 4 shows the device collapsed or folded. Fig. 5 shows a plan of a modified arrangement of the device. Fig. 6 shows this arrangement collapsed or folded.

As will be seen from Figs. 1 to 3, the protecting device, which is simply laid on the closet-seat, consists of any desired number of segments *b c d e f g*, &c. In the form shown in the drawings six segments have been taken for the purpose of illustration. The characteristic feature of these segments is that they are rectangularly flanged toward the inside and overlap at the sides. The various segments *b c d e f g* must be so arranged that when removed from the lifting-seat *a* their position toward one another can be changed in such a way that they will cover each other in order to bring them into such a small space as will admit of their being conveniently carried in some sort of cover—say a case or such like. The manner in which this reciprocal telescoping is accomplished may take several different forms.

In Figs. 1 to 3 the outer rim *h* of the segments *b c d e f g* is flanged and each segment overlaps the next following one, so that these segments may be telescoped, as shown in Fig. 4. In doing this the flanging *h* on the outer rim and the rectangular flanging on the inner rim form the mutual guide of the

several segments and keep them from falling asunder.

The method of using the protecting device is as follows: To place the device on the seat *a*, the segments *c d e f g* are drawn out from the segment *b* so far that one end of the segment *b* may be placed into one end of the segment *g*. The protecting device so adjusted is then placed on the seat *a*, and a perfectly hygienic protection is thus obtained when it is required to use the closet. After being used the device is removed from the seat and cleansed in any suitable manner. To enable the device to be easily cleansed, it is preferably made of celluloid or other impermeable material.

By making the device in telescopic segments in the manner above described it may be readily adjusted to any size of opening in the closet-seat.

In Figs. 5 and 6 a modified arrangement of the device consisting of a series of segments *b c d e f g* is shown. The segments *b g* and *d e* are connected by the joints *i*, while the segments *c* and *f* are connected to the segments *b, d, e*, and *g* by flexible bands or strips *l*, which are fastened by means of a rivet, screw, or the like *k*. The flexible bands or strips *l* and the joints *i* admit of the segments *b c d e f g* being slid over one another, as shown at Fig. 6.

Figs. 4 and 6 show the shape assumed by the two forms of the device when collapsed or folded. The arrangement in Fig. 4 is long and narrow, while that in Fig. 6 is short and broad.

In place of collapsing or folding the device, as above described, other methods may be adopted without departing from the invention.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A protecting-cover for water-closet seats composed of a series of segmental pieces arranged with their ends overlapping and adapted to be collapsed on one another.

2. A protecting-cover for water-closet seats

composed of a series of segmental pieces arranged with their ends overlapping and their edges engaging and adapted to be collapsed on one another.

- 5 3. A protecting-cover for water-closet seats composed of a series of segmental pieces arranged with their ends overlapping and having their inner edges formed with downturned flanges and their outer edges engaging, said

segmental pieces being adapted to be collapsed on one another to close the cover or adjust its size.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.
ISAK FRANKEN.

Witnesses:

ERICH RUHNE,
JEAN GRUND.