

M. GELAS.
 DISPLAY DEVICE.
 APPLICATION FILED MAY 29, 1907.

963,706.

Patented July 5, 1910.

2 SHEETS—SHEET 1.

Fig. 1.

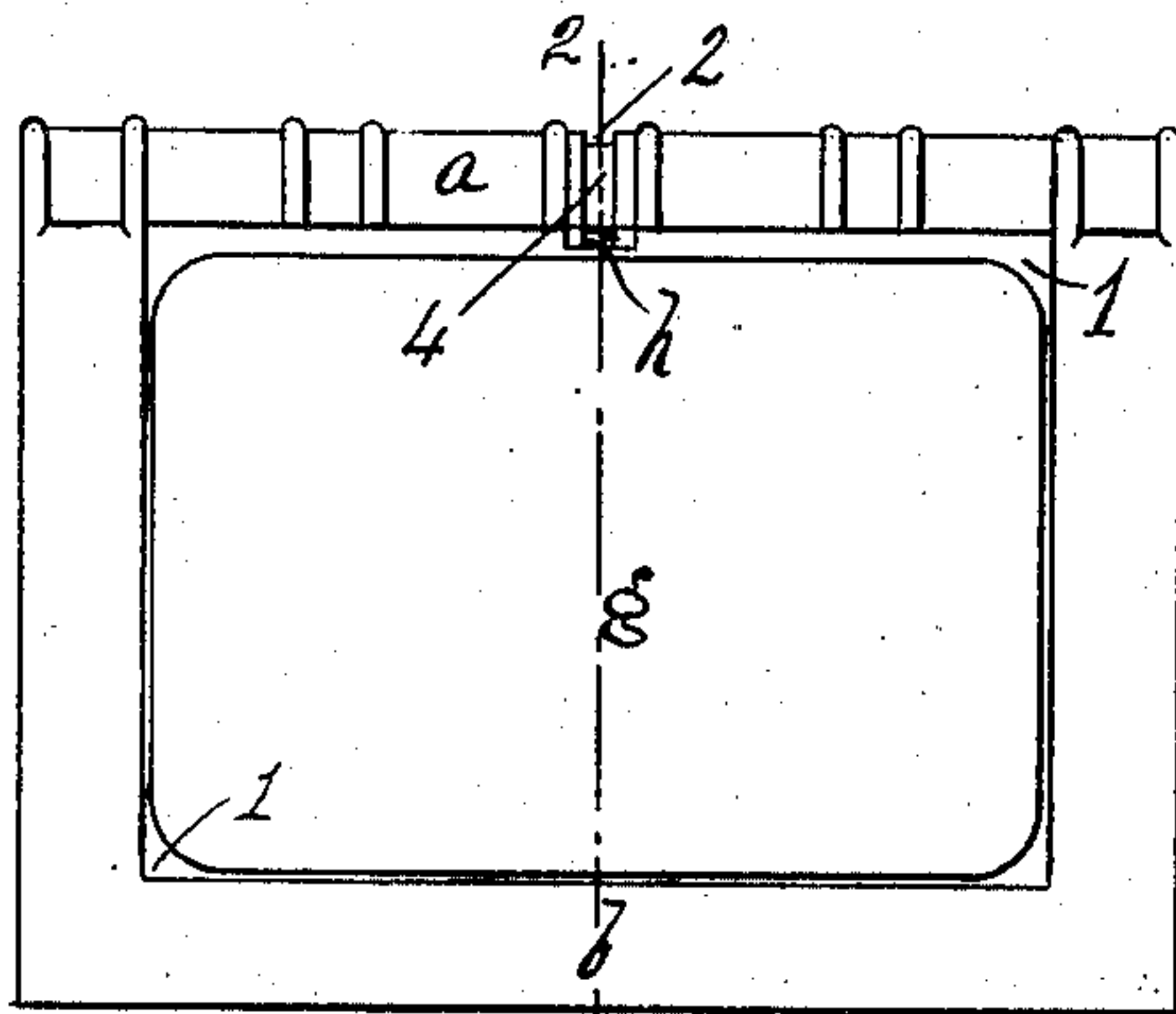


Fig. 3

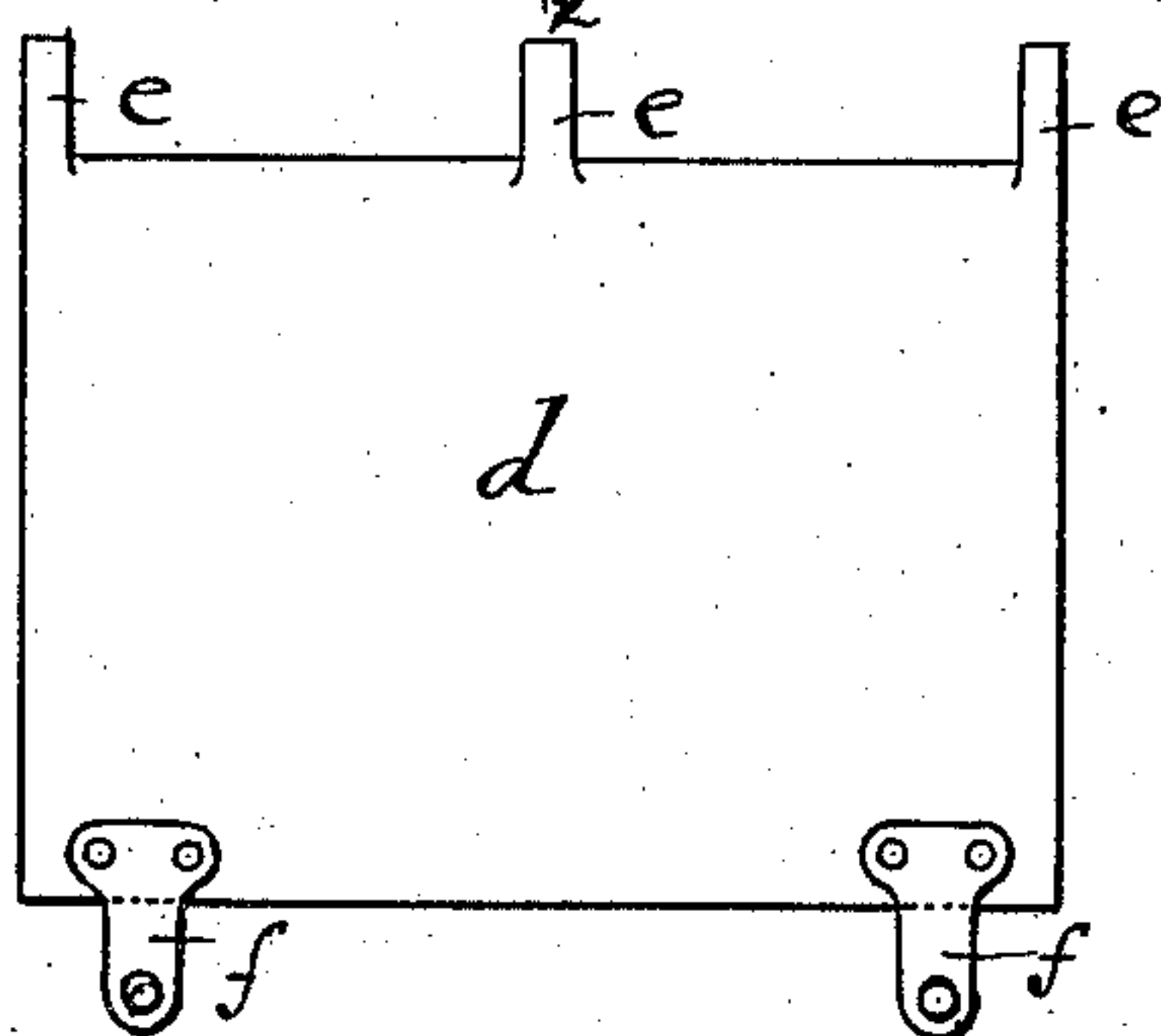


Fig. 5

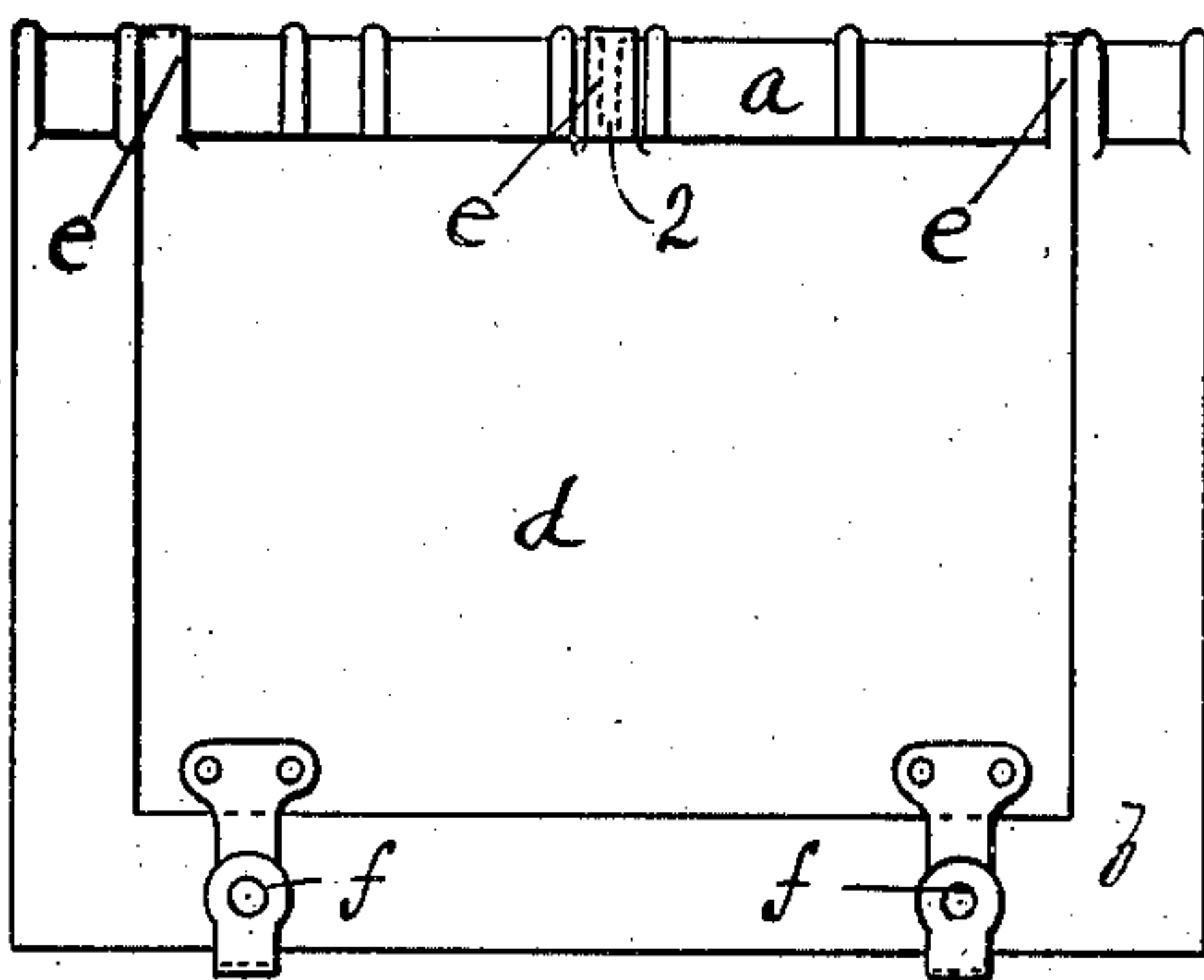


Fig. 4.

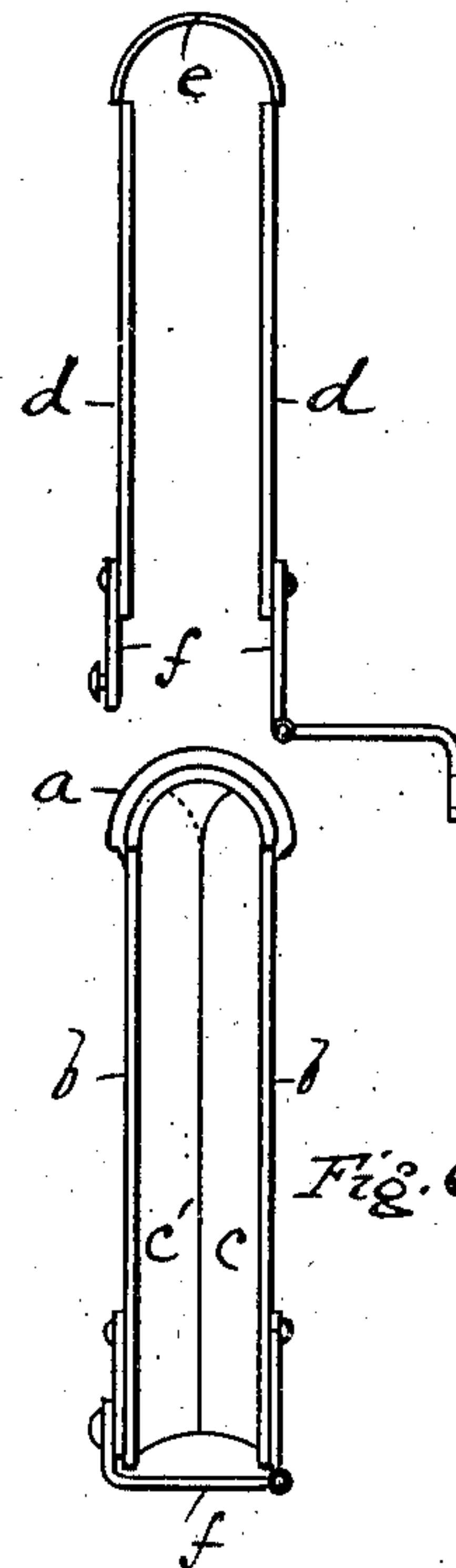


Fig. 6.

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2 SHEETS—SHEET 2.

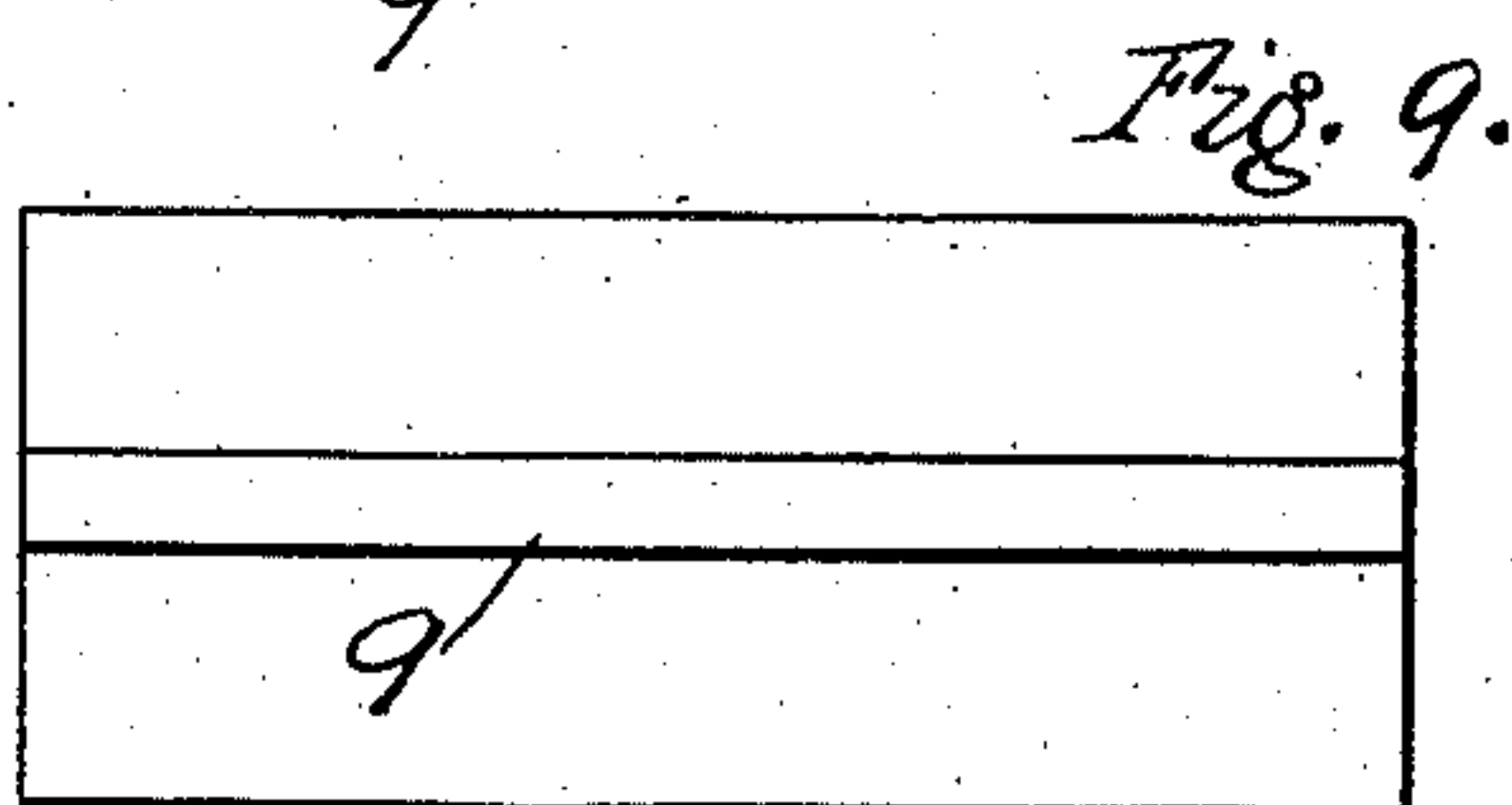
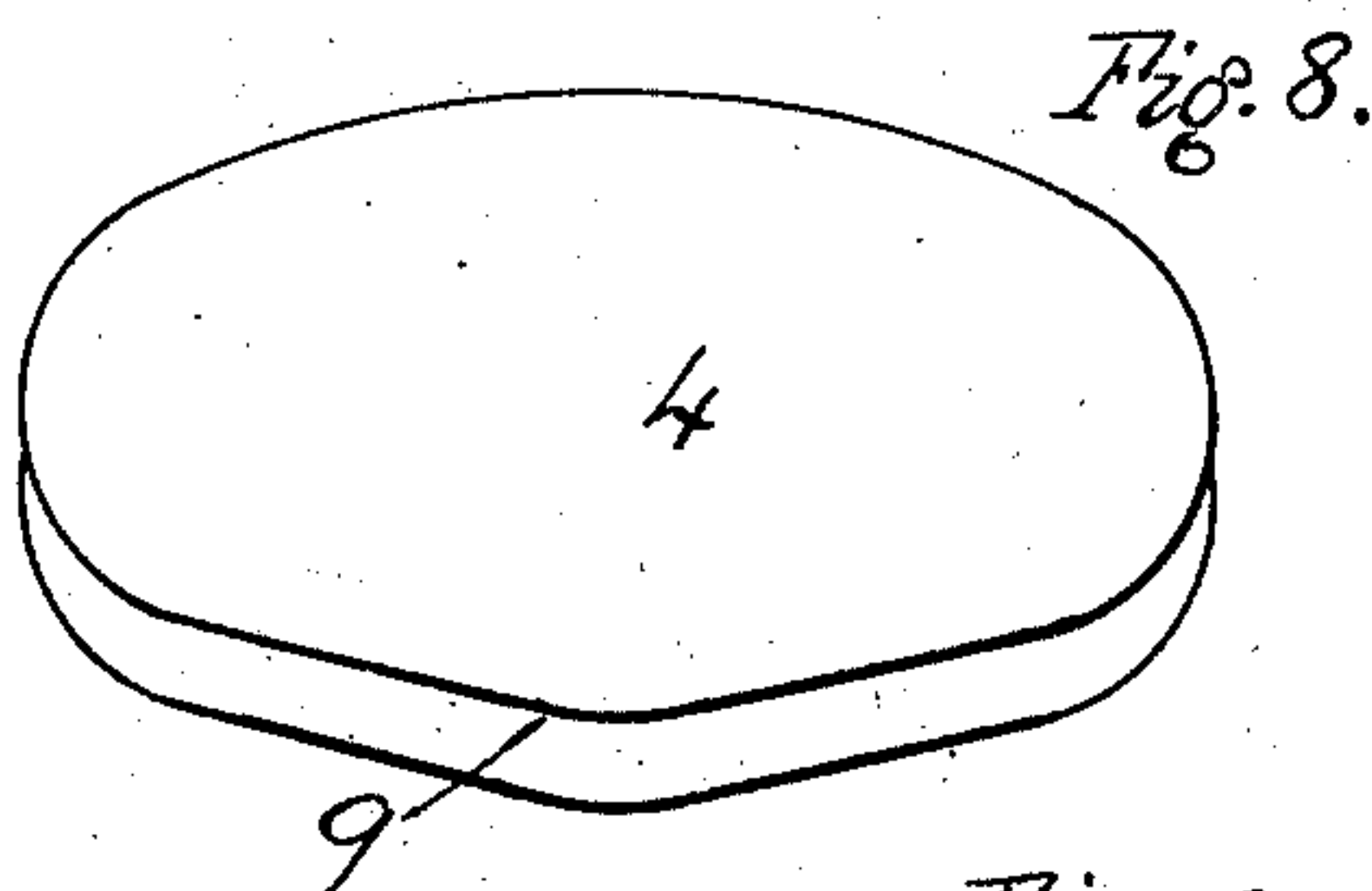
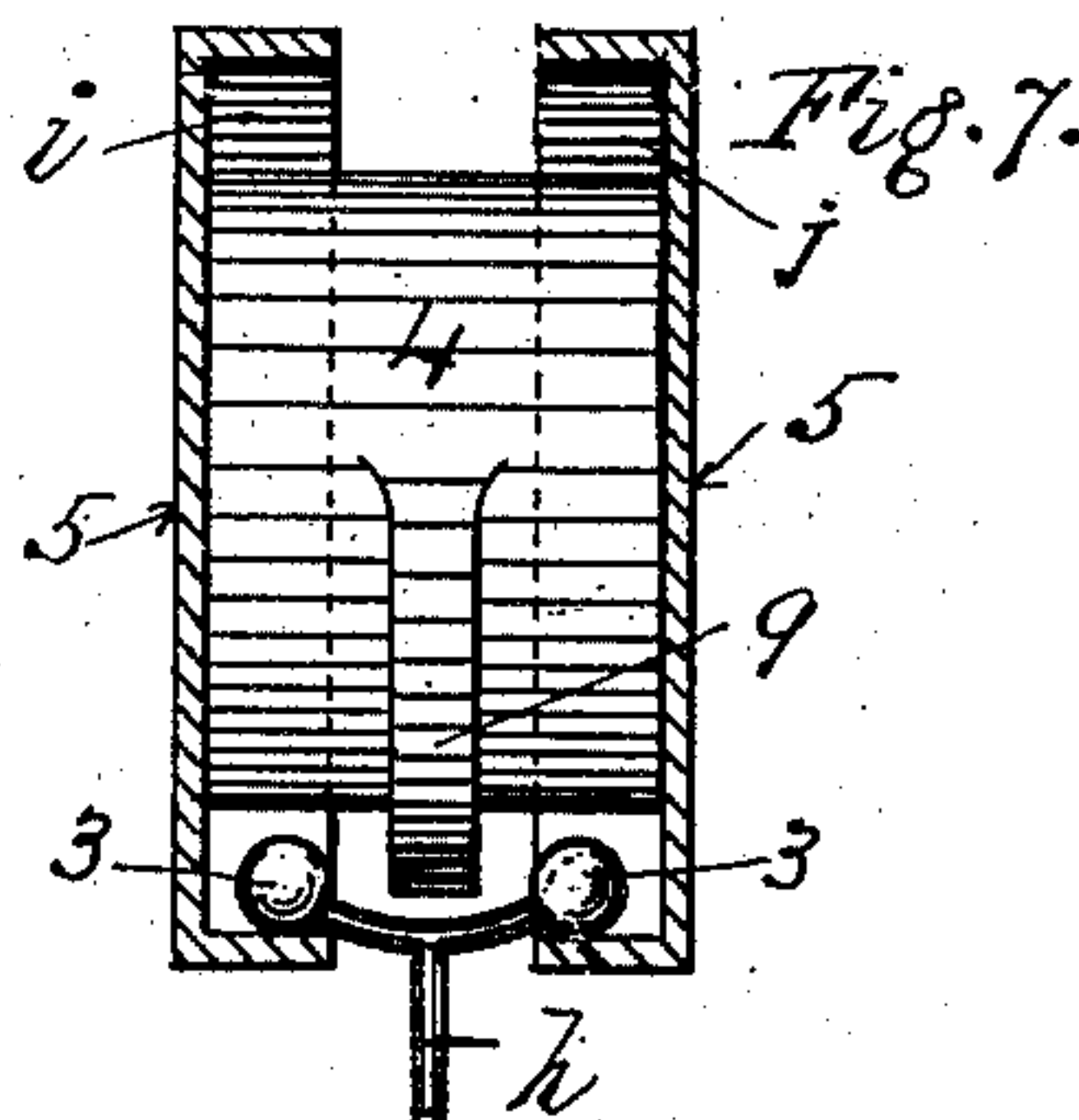
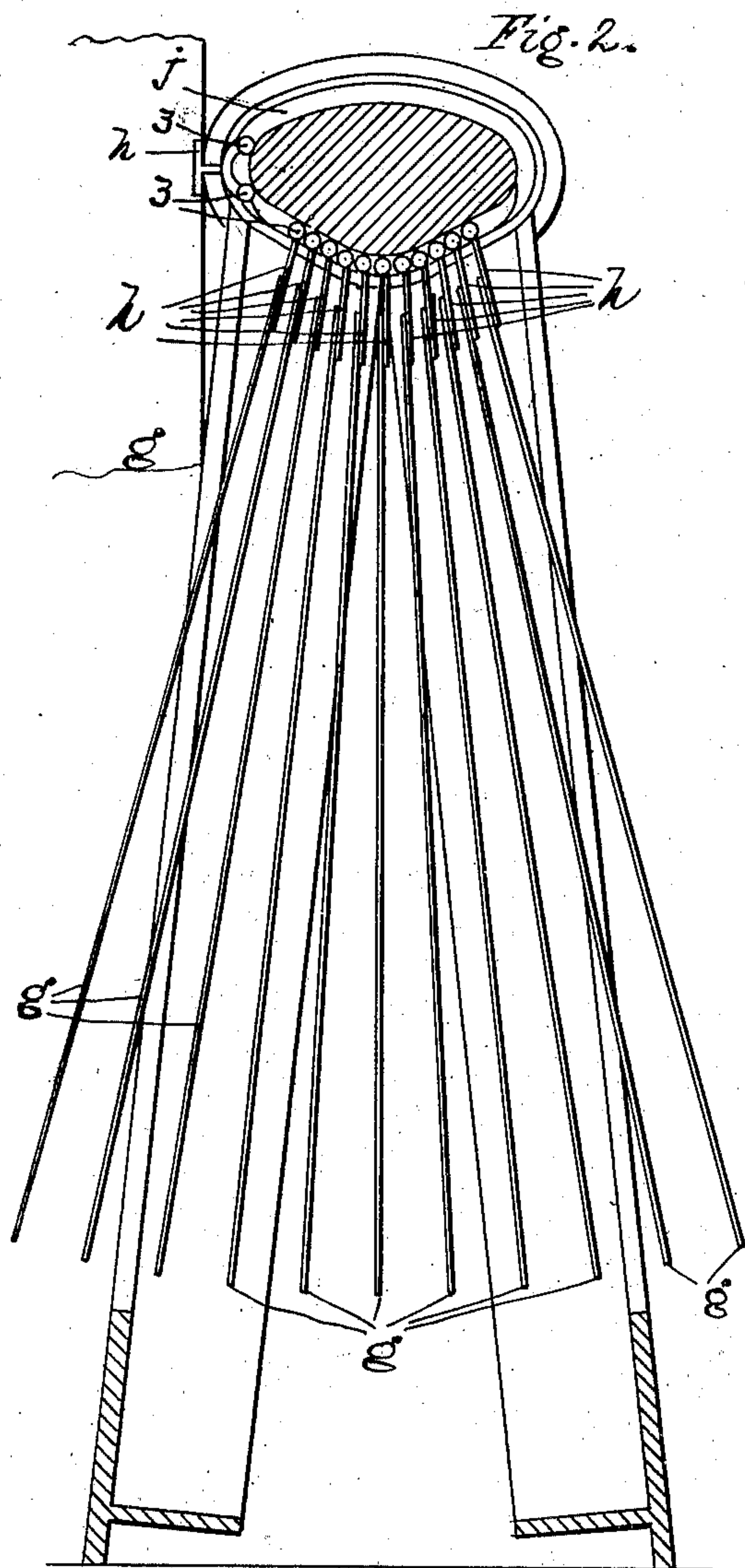


Fig. 11.

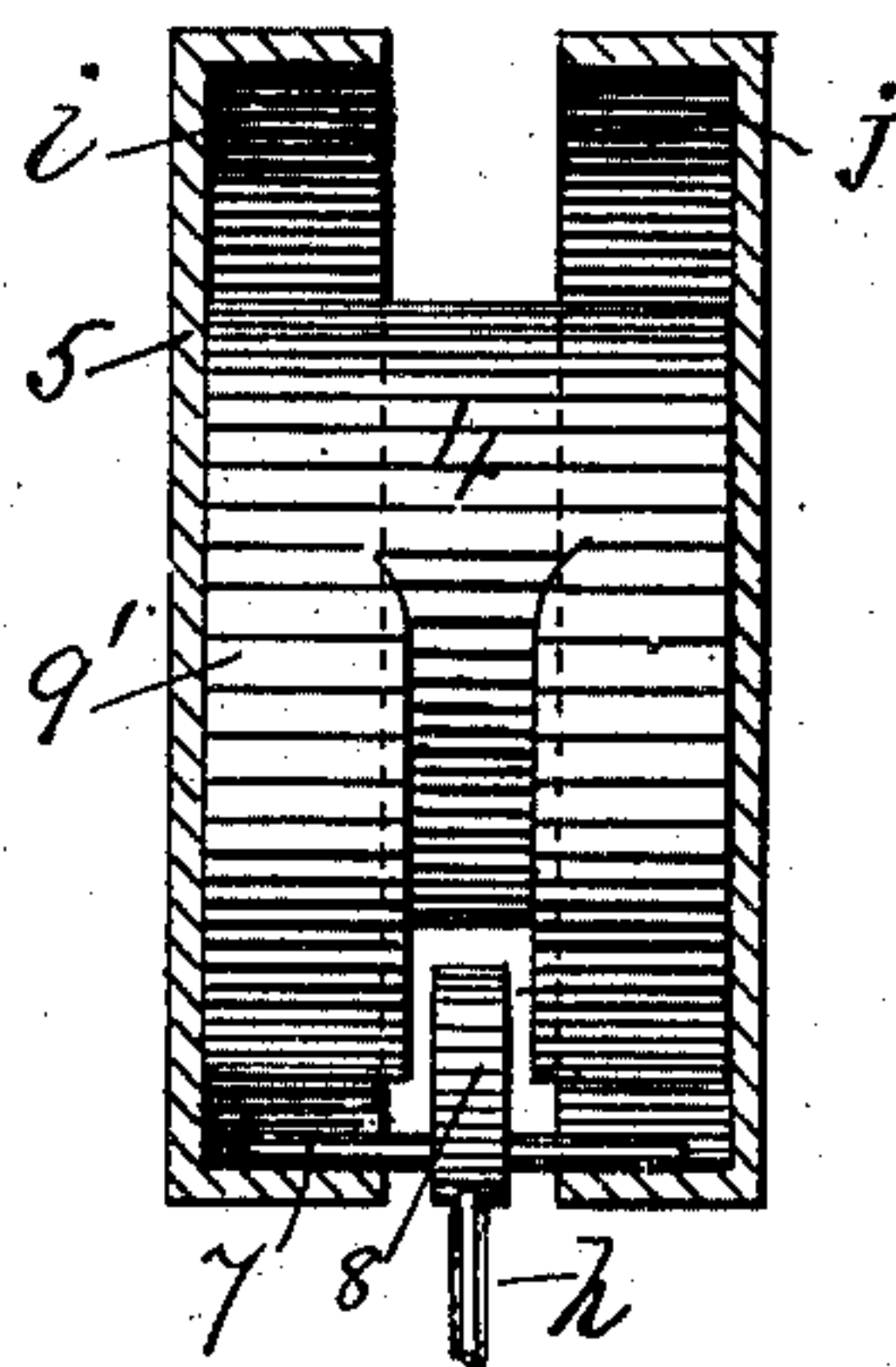
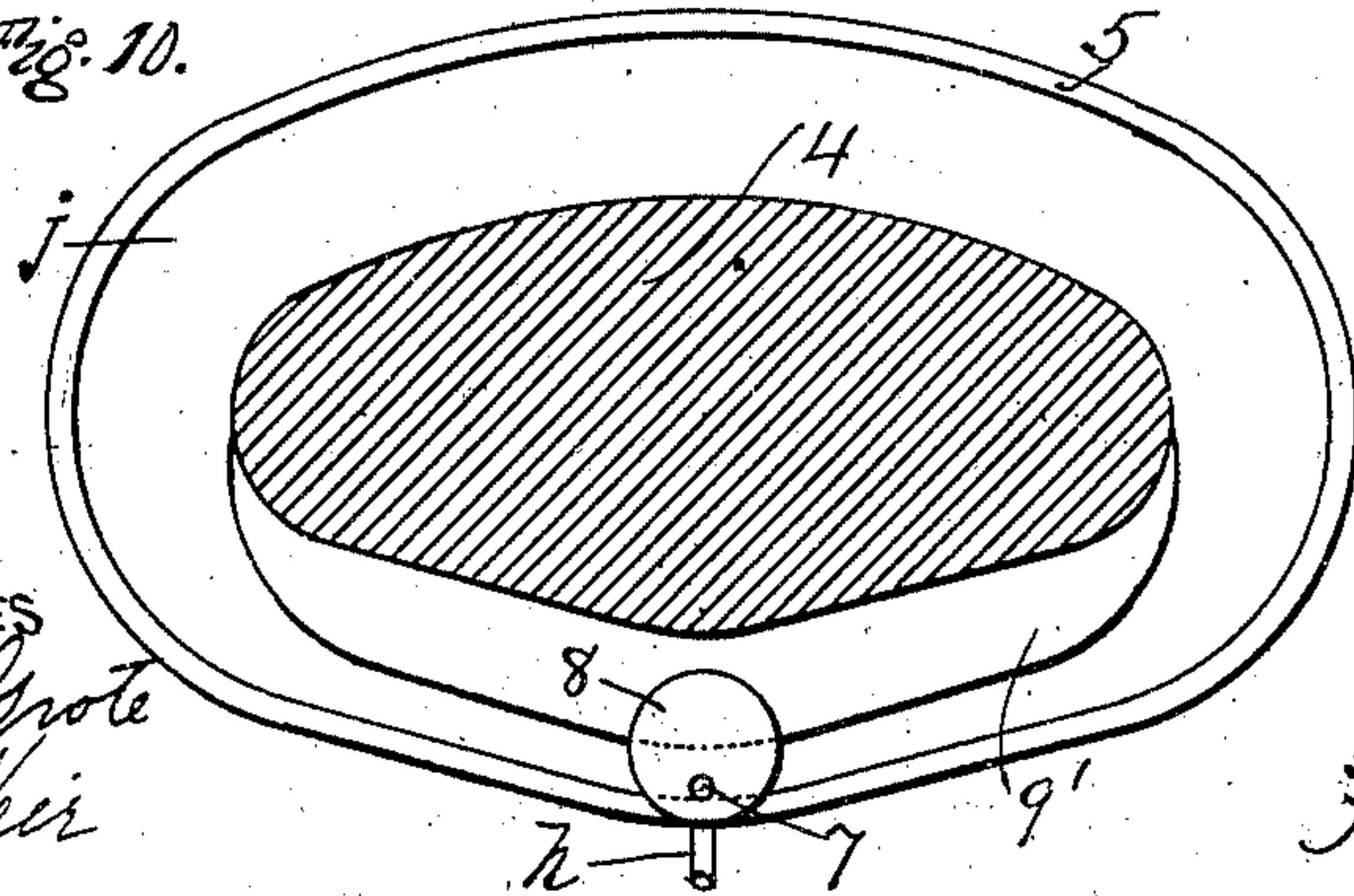


Fig. 10.



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DISPLAY DEVICE.

963,706.

Specification of Letters Patent.

Patented July 5, 1910.

Application filed May 29, 1907. Serial No. 376,441.

To all whom it may concern:

Be it known that I, MARIE GELAS, a citizen of the Republic of France, residing at Paris, in the Republic of France, have invented a certain new and useful Improvement in Display Devices, of which the following is a specification.

This invention consists in a device intended to retain and expose to view all kinds of collections such for instance as postcards, photographs, samples, stamps and the like. In the accompanying drawings to which reference will be made in the following specification, an album provided with this arrangement is shown merely as an example.

Figure 1 is a front view; Fig. 2 a transverse section of the album in use; Fig. 3 is a front view; Fig. 4 a view in profile of a movable cover adapted for this album; Figs. 5 and 6 are similar views of the album closed and covered with its cover; Fig. 7 is a longitudinal section of the slides intended to be fixed in the back of the album; Figs. 8 and 9 are respectively a front view and a view from beneath of the core forming part of the said slides; Figs. 10 and 11 relate to a modification of the manner of suspending the cards *g*.

The album shown, although it really constitutes a box, has nevertheless preferably the appearance of a book, which is obtained by the combination of two distinct parts. 1. The album proper comprises a rigid back *a*, carrying the display sheets *g*, and side supporting frames *b* therefor adapted to be spread apart at their lower edges so as to afford a substantial support when the album is opened for display as shown in Fig. 2. These frames are provided with side flanges *c*, *c*¹, and bottom flanges *c*² which meet and form inclosing walls when the album is shut as shown in Fig. 6. 2. A cover comprising two faces *d* connected by cross pieces *e* of the same form as the back *a* and one or more suitable clasps *f*. Each face *b* of the album proper has an aperture *l* a little larger than the cards *g* constituting the collection. These cards *g* are located in the interior of the album and are respectively attached by gluing or otherwise on a piece *h* passing through a slot 2 formed in the back *a*. This piece *h* has the form of a T, the arms of which are each terminated by a head or thickened part 3. The heads 3 are located in slides *i* and *j* intended to receive them and formed by the juxtaposition of a core 4 and disks 5 fixed

in any suitable manner on the ends of this core. The slides *i* and *j* (Figs. 7 and 2) constitute a closed path adapted to be traversed by the heads 3 of the part *h*. The general form of these slides is in the lower part a very open V, and in the upper part an arc of a circle of large radius fitting with the arms of the V as shown in the drawings.

When the album is open the cards *g* tilt of themselves, which facilitates their handling. These positions of the cards *g* are the consequence of their weight and thickness and of the respective position which the suspension pieces *h* assume, the heads 3 of which move on the inclined parts of the slides *i* and *j* extending upward on the arms of the V hereinbefore mentioned. This displacement of the cards *g* not only facilitates the examination of the picture, sample, stamp and the like of the collection, but also it allows of the successive examination of all the cards *g*, because it is possible to cause the card examined to pass to the back of the album following the movement indicated by the arrow in Fig. 2, the piece *h* traveling through all the upper part of the groove 2 and the slides *i* and *j*.

The cards *g* are made of any suitable material and are shaped to accommodate the card or the like to be exhibited. It will be readily understood that they may be pressed against each other to lie flat when it is desired to inclose them between the covers *d*. The pieces *h* which carry the cards are provided with a shank having branches on the ends of which the bearing heads 3 are formed. These branches are preferably curved so that the part adapts itself to the contour of the slides *i* and *j* and facilitate its sliding and swiveling action therein.

In connection with the slides for the heads 3 of the part *h*, I provide on the lower face of the core 4 a rib 9 which extends around the lower portion of its circumference and is adapted to engage the crotch between the bearing heads of the piece *h* so as to prevent any swiveling action thereof throughout the length of said rib 9. As illustrated in Fig. 2, however, when the rib 9 is cleared by the part *h*, the latter may be swiveled within the slides at will, thus permitting the ready examination of both sides of the display sheet *g*.

Instead of the mode of suspension just described the one shown in Figs. 10 and 11 of the drawings may be substituted. Accord-

ing to this modification the parts *h* are terminated by a disk 8 and carry a cross piece 7 without a head. The disk 8 engaging in a groove 9¹ arranged in the core 4 prevents the displacement of the cards *g* in the album as is hereinbefore explained.

The parts 4 and 5 constituting the slides *i* and *j* are fixed in the back *a* of the album in any suitable manner so long as this is sufficiently rigid to protect the same against injury.

The cover, Figs. 3 and 4, is placed on the album proper, Figs. 5 and 6, in such a way that its faces *d* completely obscure the aperture *l* of the faces *b* of this album, and one or more of the cross pieces *e* hide the groove 2 serving for the passage of the pieces *h*. The position of the cover is insured by the cross pieces *e* which engage between projections carried by the back *a*, as shown in the drawings. In the latter the faces *d* of the cover are indicated as an example as exactly fitting in the apertures *l*. When the cover is put in place the two constituent parts of the album are rendered solid by means of clasps *f* acting in the usual way.

As was stated at the commencement of this specification the album shown in the drawings is only described as an example, the arrangement described for collecting and exposing to view collections may be combined with articles of very different appearance such for instance as frames, easels of substantially variable form, dimensions and decoration, and for the construction of which any suitable materials may be utilized.

I claim as my invention:—

1. In a display device, display sheets, a carrying frame for the same having opposite supporting sides provided with offset flanges along the sides and bottom, adapted to meet and form inclosing walls, said sides being provided with apertures through which the display sheets are adapted to pass, and a back uniting said sides and carrying said display sheets, in combination with an independent cover piece for closing said apertures and thereby confining and protecting the display sheets, substantially as described.

2. In a display device having a supporting frame, display sheets carried thereby each provided with a sliding and swiveling bearing piece, a bearing therefor carried by the frame, and means to prevent the swiveling of said bearing pieces in the bearing while traversing a portion of the length of the latter.

3. In a display device having a supporting frame, display sheets carried thereby each provided with a T-shaped sliding and swiveling bearing piece, an endless bearing therefor carried by the frame and means for preventing the swiveling of said T piece in the bearing while traversing a portion of the extent of the latter.

4. A display device for cards or the like, comprising a back on which said cards are supported, side members carrying said back and adapted to be spread apart at their lower edges so as to form a substantial support when said device is in use, said side members being provided with apertures through which the cards may pass, in combination with a cover piece adapted to close the apertures in said side members and being provided with means to secure the latter together when the device is closed, said device in the latter form being shaped to resemble an album in appearance, substantially as described.

5. A display device in the form of an album for cards or the like, comprising a back on which said cards are supported, side members carrying the same and provided with apertures through which said cards may be passed, in combination with an independent protective cover provided with clasps adapted to embrace said sides and back and hold the same united when the album is not in use, substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses.

MARIE GELAS.

Witnesses:

ANTONIN MONTEILHET,
H. C. COXE.