

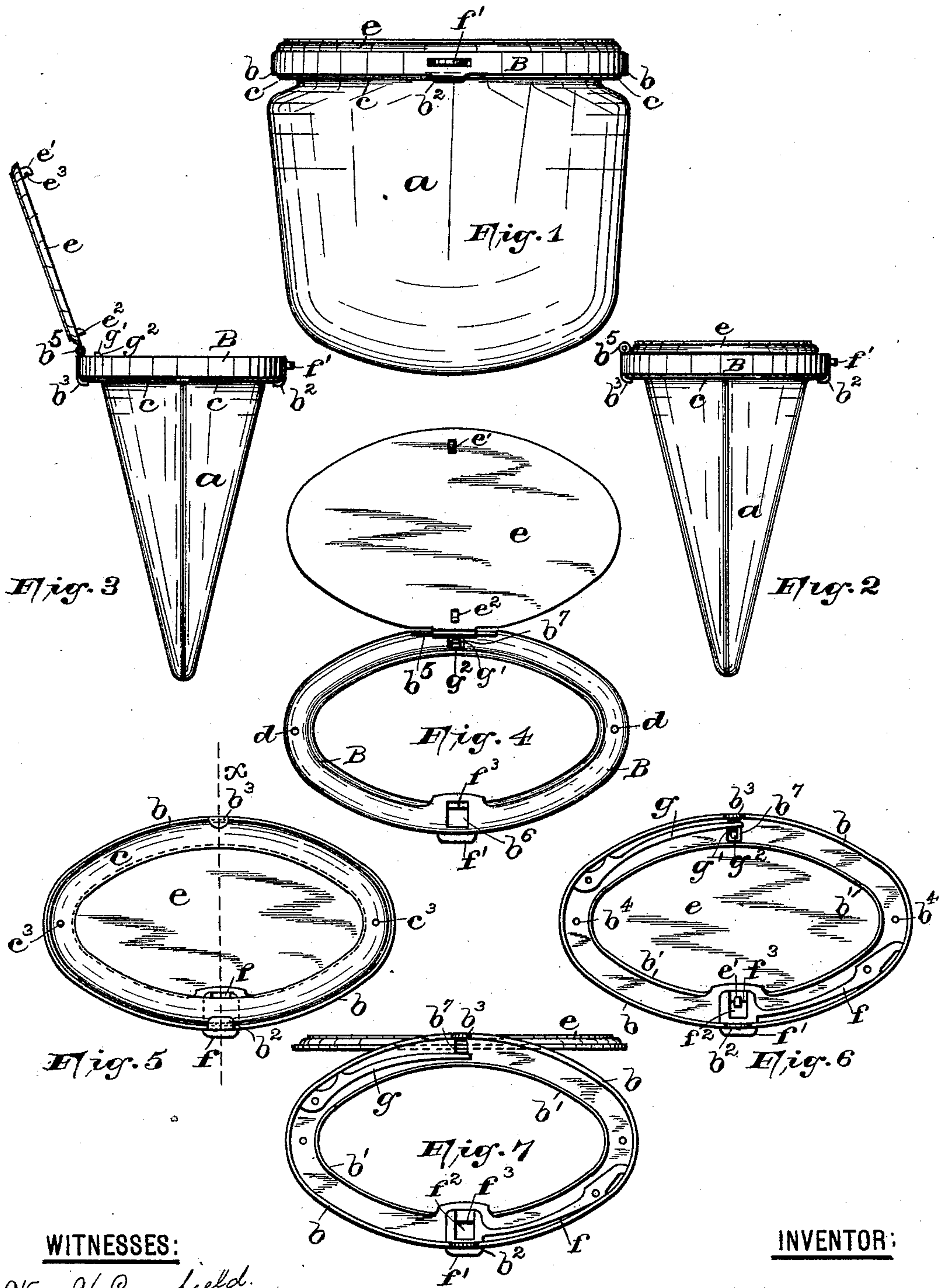
(No Model.)

2 Sheets—Sheet 1.

A. GOERTZ.  
PURSE OR BAG FRAME.

No. 423,994.

Patented Mar. 25, 1890.



**WITNESSES:**

Wm. H. Campfield.  
Johns. Boardman

**INVENTOR:**

August Goertz.  
BY Fred C. Fraentzel, ATTY.

(No Model.)

2 Sheets—Sheet 2.

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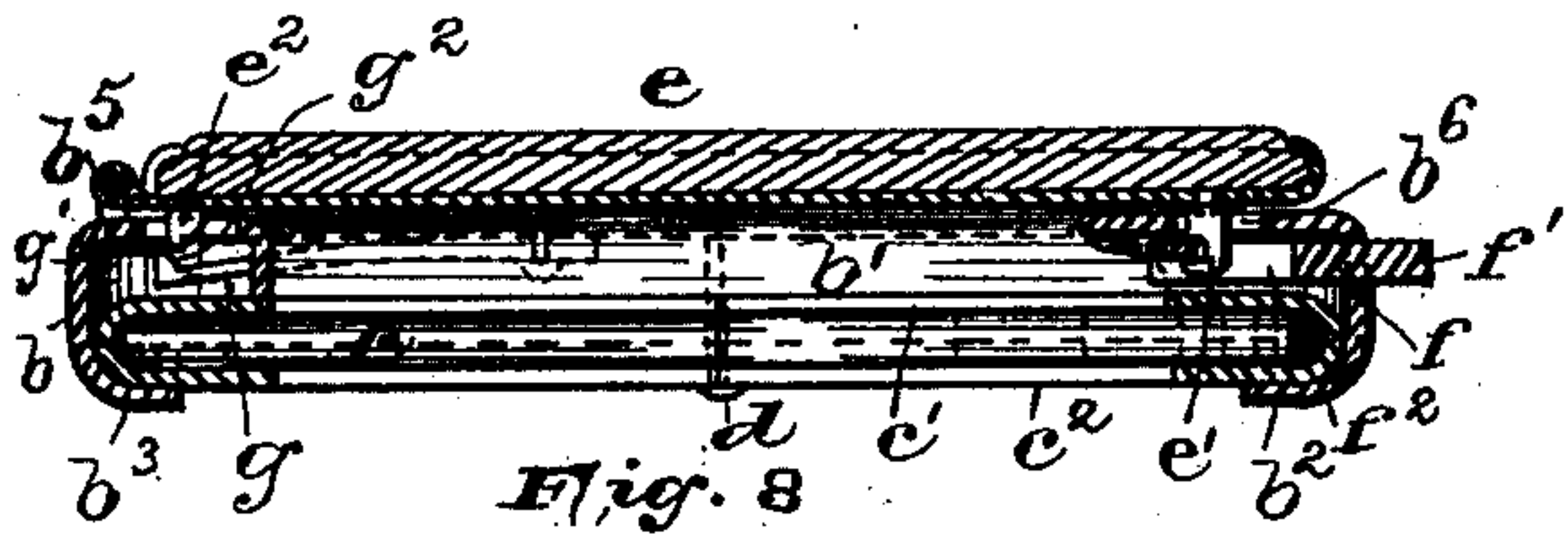


Fig. 8

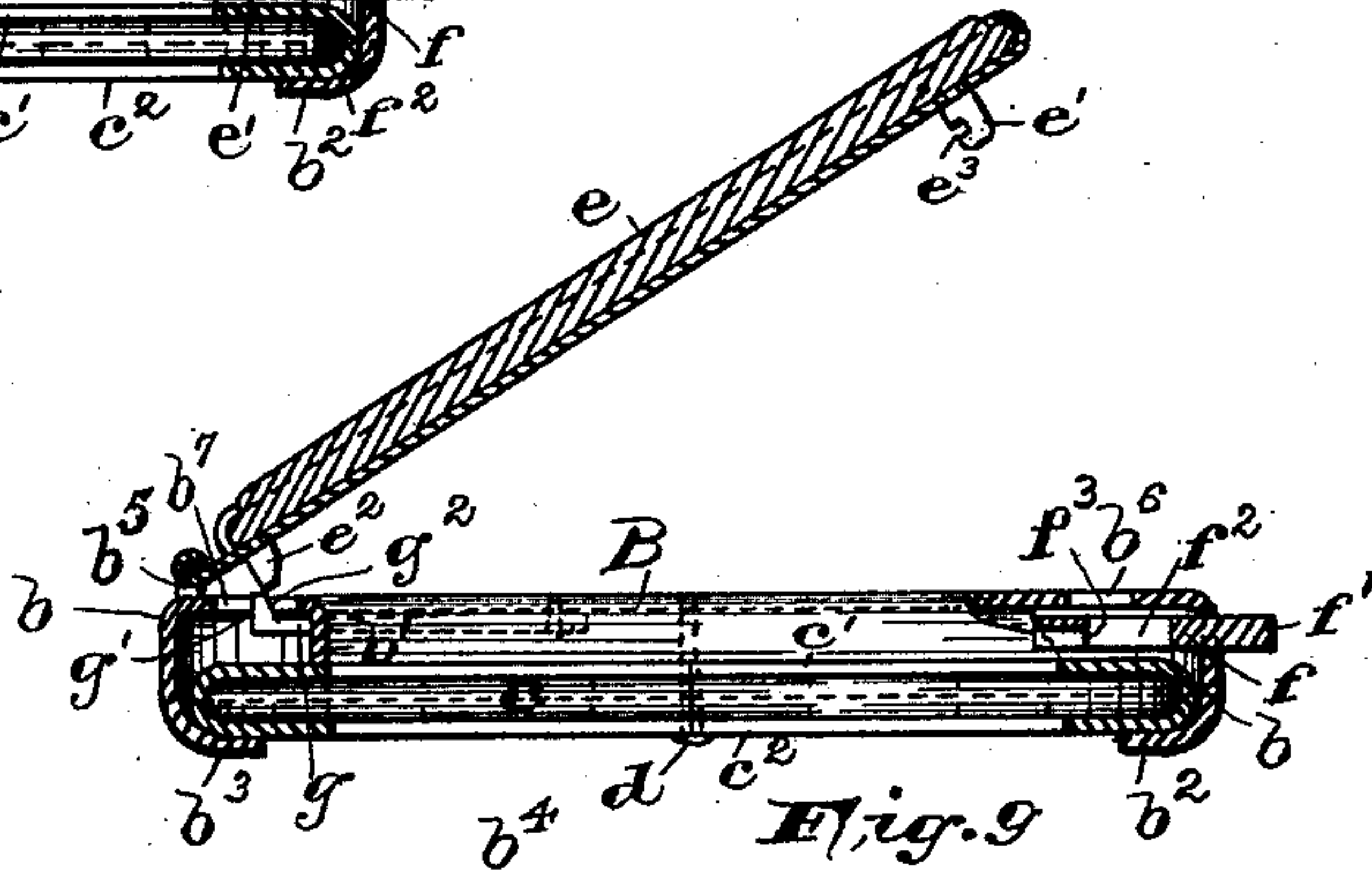


Fig. 9



Fig. 13

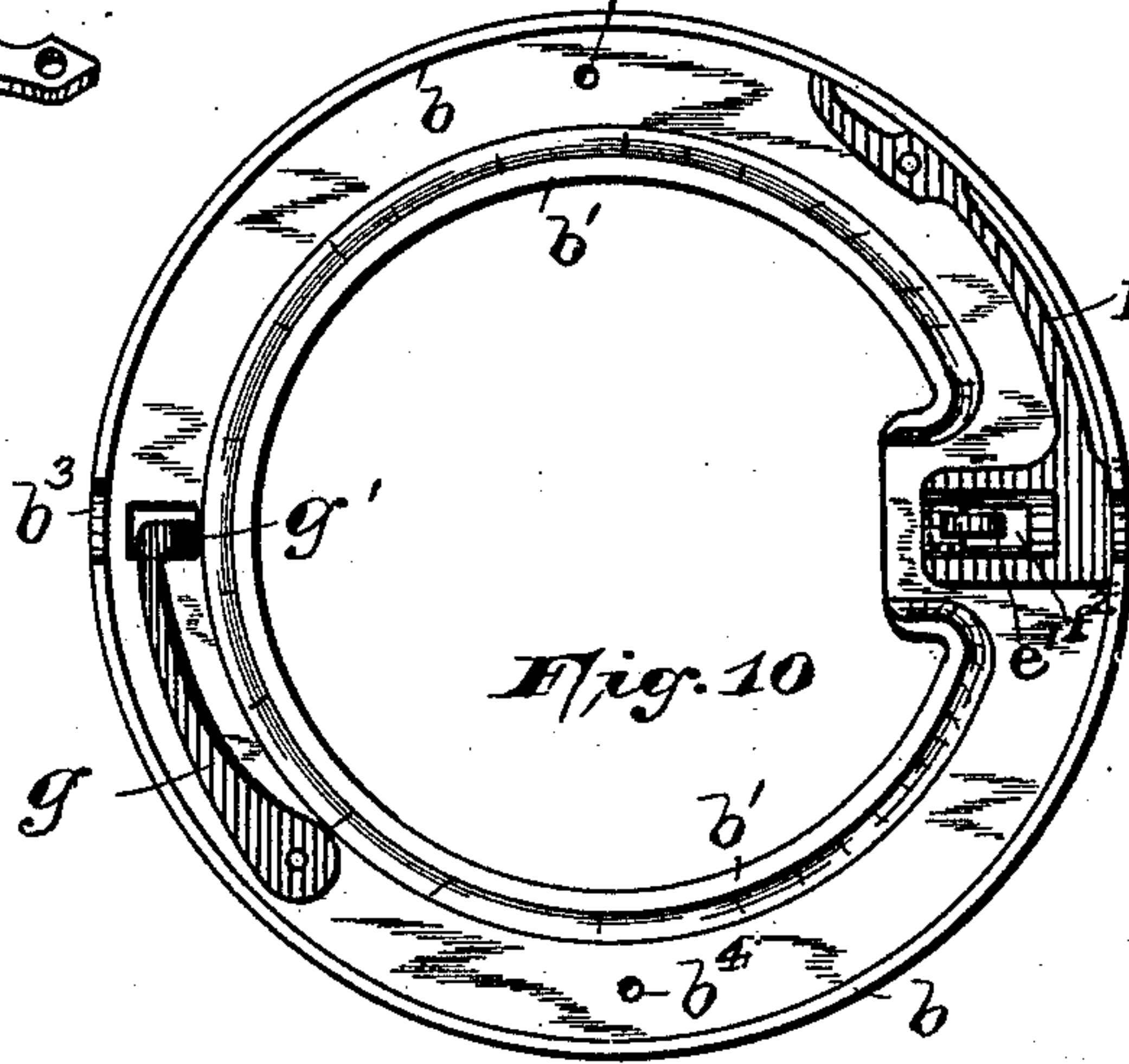


Fig. 10

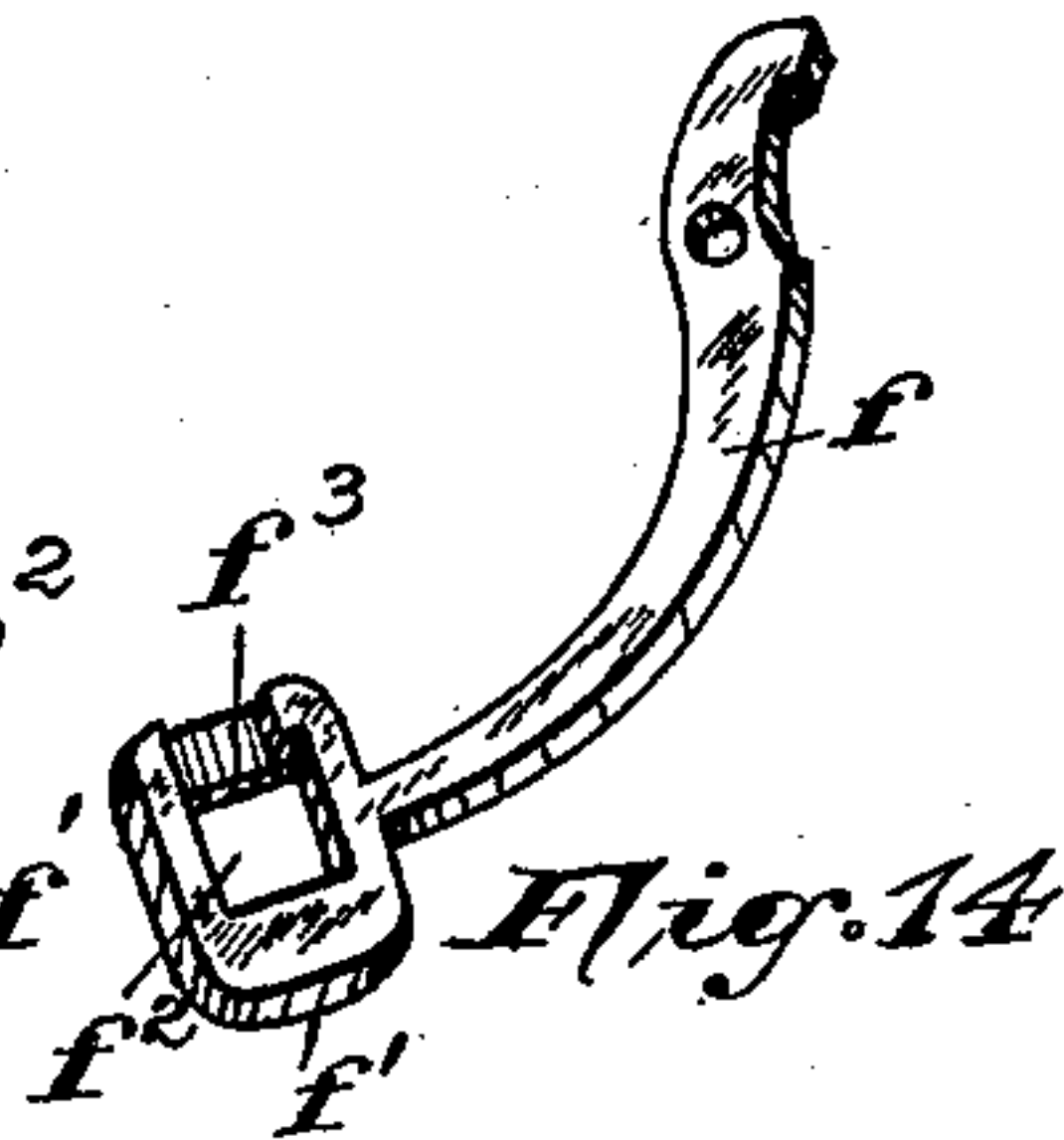


Fig. 14

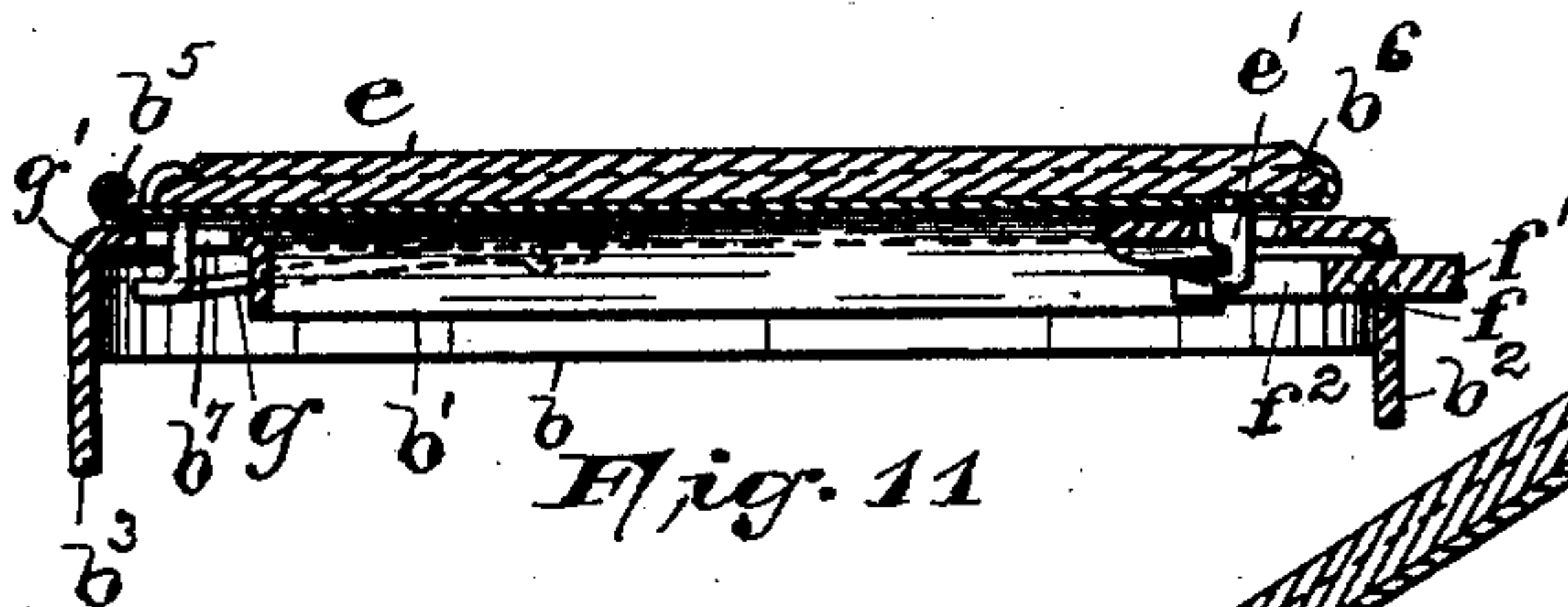


Fig. 11

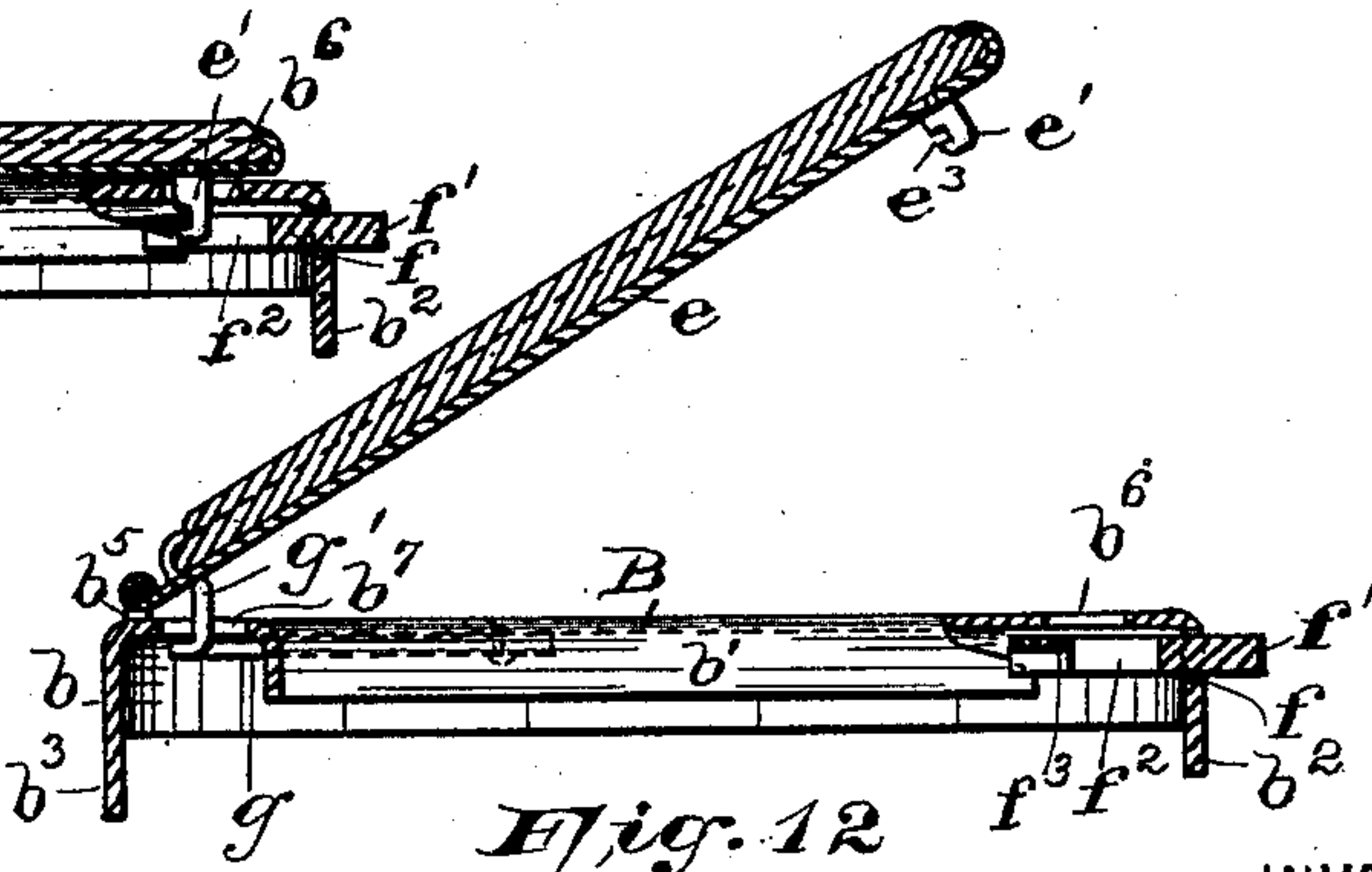


Fig. 12

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# UNITED STATES PATENT OFFICE.

AUGUST GOERTZ, OF NEWARK, NEW JERSEY.

## PURSE OR BAG FRAME.

SPECIFICATION forming part of Letters Patent No. 423,994, dated March 25, 1890.

Application filed November 2, 1889. Serial No. 329,028. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST GOERTZ, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Purse or Bag Frames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 letters of reference marked thereon, which form a part of this specification.

The invention, set forth in detail hereinafter, relates to purse or pocket-book or similar frames designed to be secured around the mouth of a purse or bag and provided with a flat metallic lid or plate hinged to one side of the frame; and the invention is further designed to secure a frame of greater strength and one which is better adapted to be used on bags of this class intended to be folded and lie flat against the frame and its lid or cover, and which are thereby adapted to be carried in the pocket.

The invention further consists in an improved means for operating the lid, and also in the means for holding the "inlay," to which the material is attached, within the frame, whereby a simple and cheap construction is the result.

In the accompanying two sheets of drawings is illustrated my invention, in which similar letters of reference are employed to indicate corresponding parts in each of the several views.

In said views, Figure 1 is a front elevation of a purse or bag provided at the mouth thereof with my elliptical or circular and ring-shaped frame. Figs. 2 and 3 are side elevations of the same with the cover or lid on the top of the frame in its closed and opened positions, respectively. Fig. 4 is a top or plan view of the ring-shaped frame removed from the bag or purse, the lid thereof being shown in its open position. Fig. 5 is a view of the under side of the frame, illustrating the manner of securing the inlay therein; and Figs. 6 and 7 are similar views with the inlay removed, illustrating the lid-operating mechanism in its locked and unlocked engagement

with the lid, respectively. Fig. 8 is an enlarged cross-section through line  $x$  in Fig. 5, and Fig. 9 is a similar view illustrating the lid thrown out of engagement with its operating and holding mechanism. Fig. 10 is a plan view of the under side of a modified form of frame; and Figs. 11 and 12 are sectional views of Fig. 10, showing the lid in its closed and partly-opened positions on the frame. Fig. 13 is a perspective view of a spring employed in the constructions illustrated in Figs. 1 to 9, inclusive, for operating the lid; and Fig. 14 is a similar view of a holding or locking spring adapted to be forced into holding or locking engagement with the lid.

The purse or bag on which my frame is intended to be used is shown in the drawings, and consists of an ordinary bag or purse  $a$ , made of leather or any other similar material.

As indicated on Sheets 1 and 2 of the drawings, the mouth-closing device of the bag may be oblong or elliptical or circular in outline, and consists, essentially, of a ring-shaped frame-section B, which is struck up in a die and bent to form on its inner side a circular or elliptical ring-shaped chamber, which is  $\cap$ -shaped in cross-section, as illustrated more especially in Figs. 8, 9, 11, and 12, so as to provide the downwardly-projecting and concentrically-arranged rims  $b$  and  $b'$  on the inner and under side of the said frame-section B. The inner rim  $b'$  is shorter than the rim  $b$ , and upon the same rests or is arranged an inlay  $c$ , which is similar in plan to the shape of the frame-section, but in cross-section is  $\complement$ -shaped, being formed so by the turned-over edges  $c'$  and  $c''$ , between which the ends of the mouth of the bag or purse  $a$  are arranged and clamped or sewed fast therein. The frame-section B has on its under side of the rim  $b$  two oppositely-arranged and slightly inwardly-bent lips or tongues  $b^2$  and  $b^3$ , and also has two perforations  $b^4$  therein, arranged to correspond with perforations  $c^3$  in the inlay. When the inlay has been placed within the frame-section B beneath the rim  $b'$ , as is shown in Figs. 5, 8, and 9, pins or rivets  $d$  are inserted through the perforations in the frame and inlay, and the latter is secured to the frame by means of said pins and the tongues  $b^2$  and  $b^3$  are turned down upon said inlay  $c$ ,



as in Figs. 8 and 9, thereby firmly securing the same in position within the frame, and thus securing the latter to the mouth of the bag.

5 On the upper side of the frame-section B is arranged a post  $b^5$ , to which is pivotally secured or hinged a flat lid or plate  $e$ , corresponding in outline to the shape of the frame-section and which may be provided upon its upper surface with any ornamental design. Said cover or lid  $e$  is provided on its lower or under side with downwardly-projecting studs or posts  $e^1$  and  $e^2$ , which extend and pass down into the perforations  $b^6$  and  $b^7$ , respectively, in the top of the frame-section B, and thus the locking or holding stud or post  $e^1$  engages with a holding or locking spring  $f$  when the lid or plate  $e$  is closed, and the stud or post  $e^2$  is caused to engage with a spring  $g$ , as illustrated in Figs. 6, 8, and 11.

The spring  $f$ , which is provided with a finger-piece  $f^1$  projecting through the side of the frame-section B, is secured within the said frame by means of a pin or rivet, and has an enlarged and perforated end  $f^2$ , arranged directly beneath the opening  $b^6$  in the frame, through which the stud  $e^1$  extends. Said stud is provided with a slot  $e^3$ , which engages with the edge  $f^3$  in the perforated end  $f^2$ , as is clearly shown in Figs. 8 and 11, and thereby holds the lid or plate  $e$  down upon the frame-section B until the spring  $f$  has been forced inwardly by pressure upon the finger-piece  $f^1$  and the edge  $f^3$  is thrown out of its holding engagement with the slot  $e^3$  on the stud or post  $e^1$ .

When the lid or cover  $e$  has been closed upon its frame, the stud  $e^2$  at first engages with the chamfered side  $g^2$  of the projection  $g^1$  on the spring  $g$ , which is secured within the chambered frame-section in a manner similar to that of the spring  $f$ , and thereby forces the said spring  $g$  over in a horizontal plane; but when the lid  $e$  has been nearly closed and the stud or post  $e^1$  is about to engage with the perforation in the spring  $f$  the stud  $e^2$  rides up on the chamfered side of the projection  $g^1$  on the spring  $g$  and finally forces the latter downwardly in a vertical plane, and thus causes the said spring to exert pressure on the stud  $e^2$  by means of the said projection on the spring as long as the lid is held in its locked engagement with the frame-section B.

When it becomes necessary to open the purse, a slight pressure on the finger-piece  $f^1$  forces the edge  $f^3$  out of the slot  $e^3$  in the stud  $e^1$ , and the spring  $g$ , which constantly tends to resume its normal or inactive position, is at liberty to exert its pressure against the stud  $e^2$ , and thereby forces the lid open, as will be seen from Figs. 3 and 4.

Instead of employing the stud or post  $e^2$  on the lid  $e$ , which engages with the projection on the spring  $g$ , as has been stated in the above, said stud may be entirely dispensed with, in which case the under surface of the lid or plate  $e$  engages with the projection on

the spring  $g$  and causes the depression of the latter, as is clearly illustrated in Figs. 11 and 12.

The constructions shown in Figs. 1 to 9, inclusive, in which an elliptical and ring-shaped frame is employed, is the preferred form of construction, inasmuch, owing to the shape of the frame, the fingers can be readily inserted into the purse or the bag, as will be understood.

Another great advantage attained is that, owing to the shape of the frame and its flat lid or plate thereon, the bag may be folded and placed closely against the under side of the frame, thus enabling the ready insertion of the purse into the pocket.

The manner of securing the above-described frames and the plate or lid hinged to the same to the mouth of the purse or bag is as follows: The purse  $a$ , which may be of leather or any other suitable flexible material, has the surrounding edge of its mouth inserted between the edges  $c^1$  and  $c^2$  of the inlay, which has been struck up into shape to correspond with that of the frame. Said inlay is then forced beneath the downwardly and slightly inwardly-bent lips or tongues arranged on the opposite ends on the under side of the frame-section, and thus held in position therein until finally secured by means of the rivets or pins  $d$ . Thus this form of frame constantly holds the mouth of the bag open, and thereby allows the ready insertion of the fingers between the frame and into the purse when the plate or lid  $e$  has been forced back by the spring-actuated device arranged within the frame, as will be seen from the foregoing description.

Another very great advantage in the present invention is the arrangement of the downwardly-projecting lips or tongues on the under side of the frame-section, whereby the inlay is held in place by turning the same down upon the inlay, and thus avoiding the use of extra pins or rivets. It will be understood that any number of such tongues may be employed, if desirable, thus avoiding the use of rivets entirely; but the form of frame provided with two such tongues is the preferred construction, as thereby the inlay is readily forced over the said tongues, which have been previously bent, and thus held in place while being riveted to the frame.

Having thus described my invention, what I claim is—

1. A purse or bag frame adapted to be secured to the mouth of a bag, said frame being formed into a  $\cap$ -shaped and elliptical or circular ring, bent as shown, having arranged and concealed in said frame in the forward end a locking device provided with a finger-piece projecting through a perforation in the side of the frame, and provided in the opposite end within said frame with a spring-actuated device for automatically operating a lid or plate on the top of said frame when the same has been released from locking engagement with the locking or holding device in



the forward end of the frame, an inlay arranged to cover the under side of said  $\cap$ -shaped frame and to which the material of the bag or purse is attached, and means on said  $\cap$ -shaped frame for securing said inlay to the same, as and for the purposes set forth.

2. A purse or bag frame adapted to be attached to the mouth of a bag, said frame being formed into a  $\cap$ -shaped and elliptical or circular ring, bent as shown, having arranged and concealed therein in one end a locking-spring provided with a finger-piece projecting through a perforation in the side of the frame and having in the opposite end of said frame a second spring, a lid or plate hinged to the top of the frame, provided on its under side with a stud or post adapted to engage with the locking-spring in the forward end of the frame, and thereby hold the lid in its closed position while the second spring is depressed by said lid or plate, and the said spring being adapted to cause the automatic opening of the lid or plate when the locking-spring has been thrown out of engagement with the stud on said lid, an inlay arranged to cover the under side of said  $\cap$ -shaped frame and to which the material of the bag or purse is attached, and means on said  $\cap$ -shaped frame for securing said inlay to the same, as and for the purposes set forth.

3. A purse or bag frame adapted to be attached to the mouth of a bag, said frame being formed into a  $\cap$ -shaped and elliptical or circular ring, bent as shown, having arranged therein in one end a locking-spring provided with a finger-piece and having in the opposite end of the frame a second spring, a lid or plate hinged to the top of the frame and provided on its under side with downwardly-projecting studs or posts, one of which is adapted to engage with the locking-spring in the forward end of the frame, and thereby hold the lid or plate in its closed position on the frame while the second spring is depressed by the other of said studs on the lid or plate, and the said spring thereby being adapted to cause the automatic opening of the lid or plate when the locking-spring has been thrown out of engagement with the stud on said lid, an inlay arranged to cover the under side of said  $\cap$ -shaped frame and to which the material of the bag or purse is attached, and means on said  $\cap$ -shaped frame for securing said inlay to the same, as and for the purposes set forth.

4. In a purse or bag frame, the combination, with the frame-section bent as set forth and formed into a  $\cap$ -shaped and circular or elliptical ring, of a pivoted plate or lid provided with studs or posts thereon projecting within the said frame-section and engaging with oppositely-arranged springs therein, one for the purpose of locking the said lid or plate and the other for causing the automatic opening of the same, an inlay arranged to cover the under side of said  $\cap$ -shaped frame and to which the material of the bag or purse is attached, and means on said  $\cap$ -shaped frame

for securing said inlay to the same, as and for the purposes set forth.

5. In a purse or bag frame, the combination, with the frame-section bent into a  $\cap$ -shaped, circular, or elliptical ring, as set forth, of a lid or plate hinged or pivotally arranged on said frame-section, springs  $f$  and  $g$ , arranged in the opposite ends therein, said spring  $f$  having a finger-piece thereon extending through the side of the frame-section and a perforation in said spring with which a stud or post on the lid is adapted to engage and hold the same in its closed position on the frame-section, a chamfered projection on said spring  $g$ , with which a second stud on the lid engages and whereby said spring  $g$  is depressed until the spring  $f$  causes the release of the stud on the lid in engagement with the perforation therein, whereby said spring  $f$  operates to automatically force the lid back, as and for the purposes set forth.

6. A purse or bag frame consisting of an elliptical or circular ring chamfered as set forth, having perforations  $b^6$  and  $b^7$  therein, springs  $g$  and  $f$  secured in said chamfered frame and extending beneath said perforations therein, a lid or plate pivoted or hinged on the upper side of said frame, studs  $e'$  and  $e^2$  thereon adapted to pass into said perforations in the upper side of the frame, one of which, as  $e'$ , engaging with the spring  $f$  to hold the lid or plate in its closed position, while the other stud  $e^2$  is adapted to engage with a chamfered projection on the spring  $g$  and causes the same to be depressed when the lid is closed, and said spring thereby operating to automatically throw back the lid or plate when the stud  $e'$  has been thrown out of its holding engagement with the locking-spring  $f$ , as and for the purposes set forth.

7. The combination, with a lid or plate, of a frame-section to which said lid is hinged, said frame-section being formed into an elliptical or circular ring, chamfered as set forth, and  $\cap$ -shaped in cross-section, lips or tongues on said frame-section, and a correspondingly-shaped circular or elliptical inlay arranged in said chamber, between which the material of the bag or purse is clamped, and said inlay being secured within said chamber by means of said downwardly-projecting tongues or lips, which are adapted to be turned over said inlay, as and for the purposes set forth.

8. The combination, with the lid or plate, of a frame-section to which said lid is hinged, said frame-section being formed into an elliptical or circular ring, chamfered as set forth, lips or tongues on said frame-section, and a circular or elliptical inlay in said chamber in the frame, secured thereto by means of said tongues and also by means of two rivets arranged in opposite sides of the frame between the said tongues thereon, substantially as and for the purposes set forth.

9. A purse or bag frame consisting of an elliptical or circular ring chamfered as set forth, having perforations  $b^6$  and  $b^7$  therein,



springs  $g$  and  $f$ , secured in said chamfered frame and arranged on opposite ends therein and extending beneath said perforations, a lid or plate pivoted or hinged on the upper side of said frame, studs  $e'$  and  $e^2$  thereon extending downwardly and adapted to pass into said perforations in the upper side of the frame, one of said studs  $e'$  engaging with the spring  $f$  to hold said lid or plate in its closed position on the frame, the other stud  $e^2$  adapted to engage with a chamfered projection on the spring  $g$  to cause the same to be depressed when the lid or plate is closed, and said spring thereby operating to automatically throw back the lid or plate when the stud  $e'$  has been thrown out of its holding engagement with the locking-spring  $f$ , and an inlay arranged in said frame, and means formed integrally on the frame for securing said inlay in position in the frame, as and for the purposes set forth.

10. A bag or purse provided with an elliptically-shaped frame surrounding the mouth of the bag, said frame being  $\cap$ -shaped in cross-section and open at the bottom and provided with a hinged and spring-actuated lid or plate thereon, and means within said  $\cap$ -shaped frame for holding said lid in its closed and locked engagement, and a  $\complement$ -shaped inlay arranged to cover the under and open side of said frame to which the lid is hinged and between the projecting sides of which the material of the bag is clamped, and means formed integrally on said frame adapted to be turned beneath the under side of said inlay for securing the same to the frame, as and for the purpose set forth.

11. In a purse or bag, in combination with an elliptical or circular ring-shaped frame,  $\cap$ -shaped in cross-section, adapted to be arranged and secured around the mouth of the bag to hold the same open, of a correspondingly-shaped plate or lid hinged to said frame and operating therewith to close the mouth of the bag, and an inlay arranged within said frame, having its edges bent  $\complement$ -shaped, between which the surrounding edge of the mouth of the bag is secured, said inlay corresponding in outline to the frame and being secured therein by means of downwardly-projecting lips formed on the outer edge of the circular or elliptical frame and bent under the lower side of said inlay, for the purposes set forth.

12. In a purse or bag, the combination, with an elliptical or circular ring-shaped frame, of an inlay arranged in said frame, having its edges bent  $\complement$ -shaped, between which the surrounding edge of the mouth of the bag is secured, said inlay corresponding in shape to the frame, and thereby holding the mouth of the bag open, and a plate or lid, also formed to correspond in outline to that of the frame, hinged to said frame and operating therewith to close the mouth of the bag, as and for the purposes set forth.

13. A purse-frame adapted to be secured to the mouth of a bag, said frame being formed into a  $\cap$ -shaped and elliptical or circular ring open at the bottom, having in the forward end a locking device and in the back or opposite end a spring-actuated device for automatically operating the lid or plate on the top of said frame when the same has been released from locking engagement with the locking or holding device in the forward end of the frame, an inlay arranged to cover the under side of said  $\cap$ -shaped frame and to which the material of the bag or purse is attached, and means on said  $\cap$ -shaped frame for securing said inlay to the same, as and for the purposes set forth.

14. A purse-frame adapted to be secured to the mouth of a bag, said frame being formed into a  $\cap$ -shaped and elliptical or circular ring open at the bottom, having in the forward end a locking device and in the back or opposite end a spring-actuated device for automatically operating the lid or plate on the top of said frame when the same has been released from locking engagement with the locking or holding device in the forward end of the frame, a  $\complement$ -shaped inlay arranged to cover the under side of said  $\cap$ -shaped frame and between the projecting sides of which the material of the bag or purse is clamped, and means on said frame adapted to be turned beneath the under side of said inlay for securing the same to the frame, as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 31st day of October, 1889.

AUGUST GOERTZ.

Witnesses:

FREDK. C. FRAENTZEL,  
WM. H. CAMFIELD.