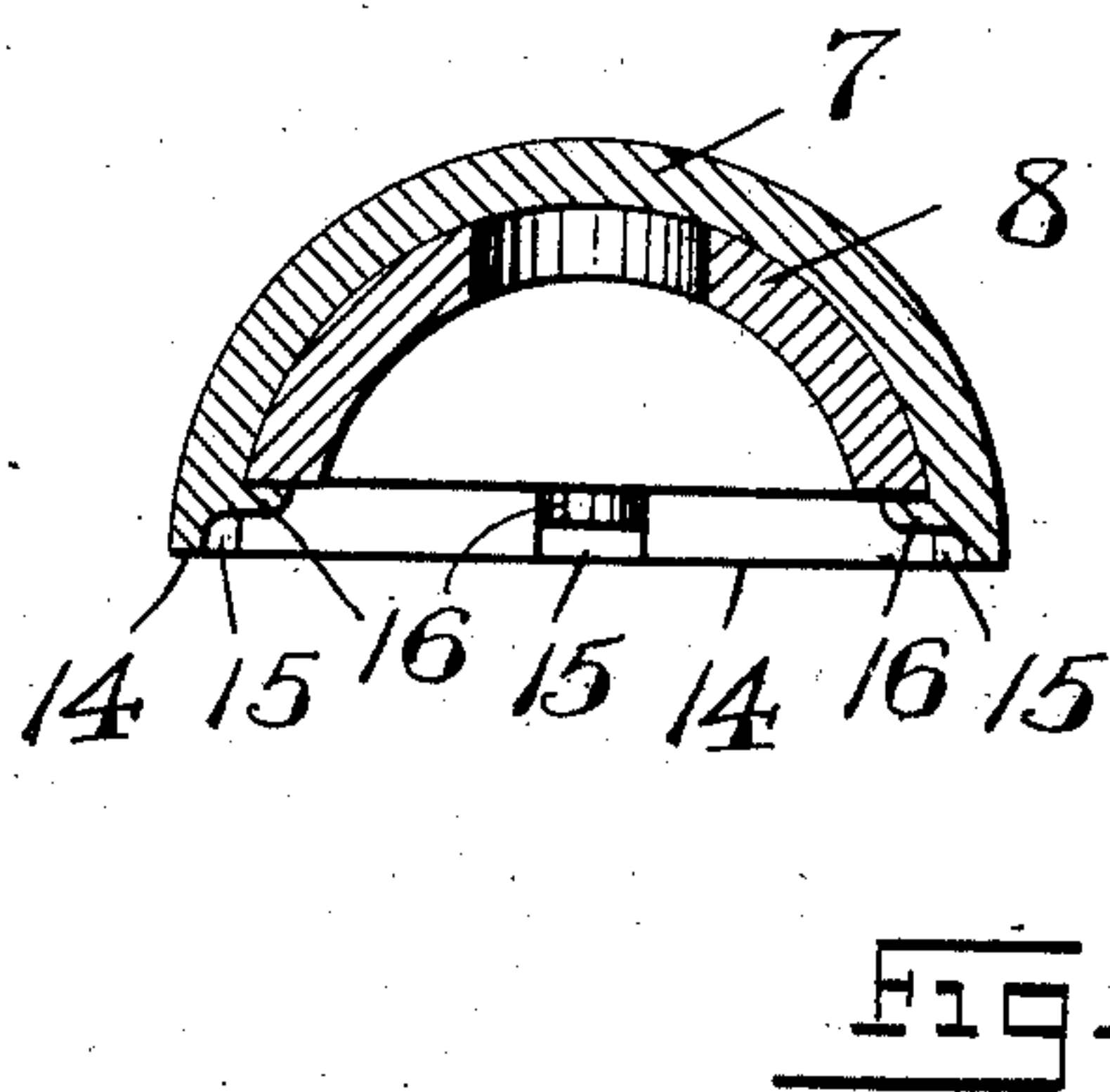
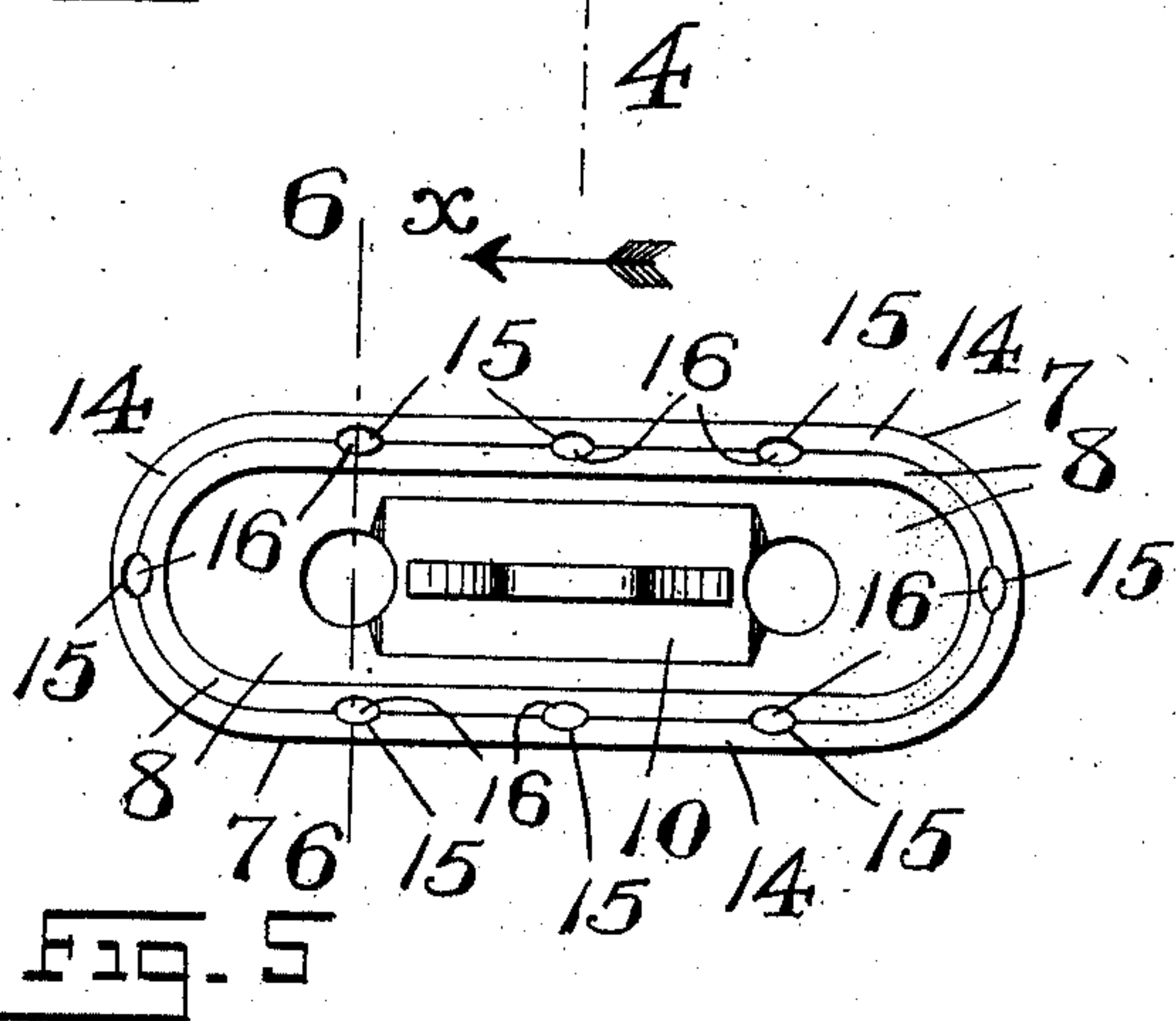
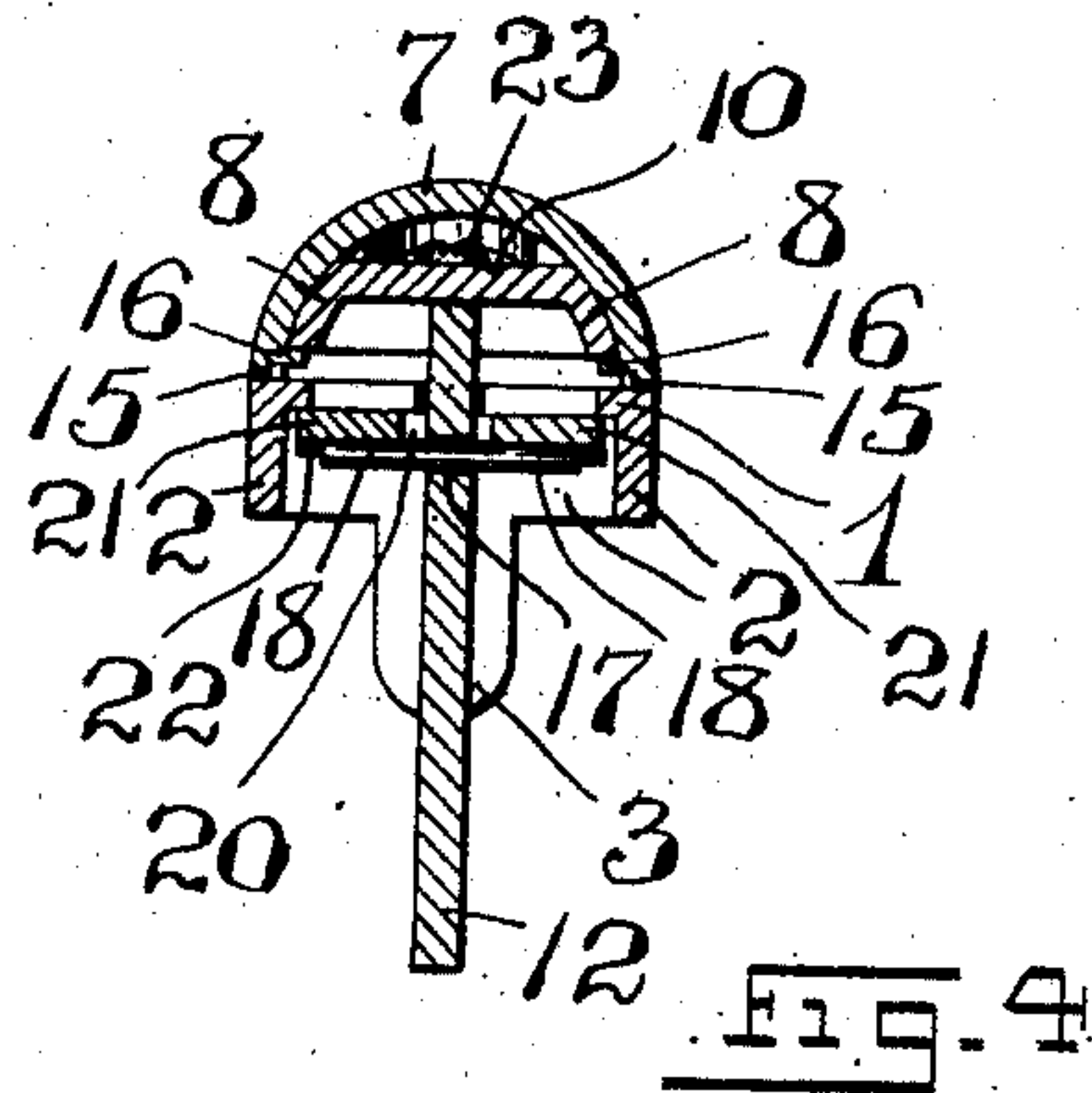
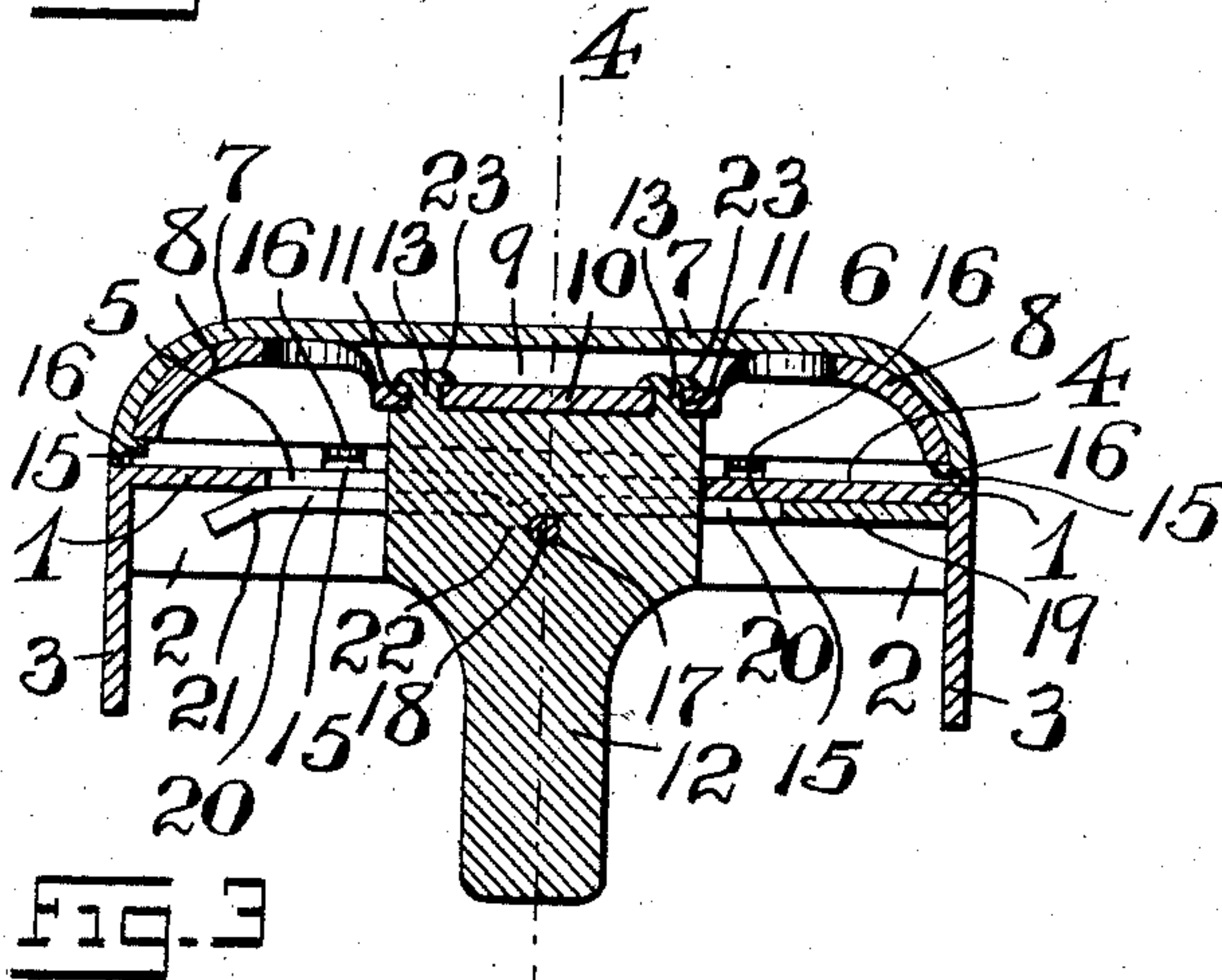
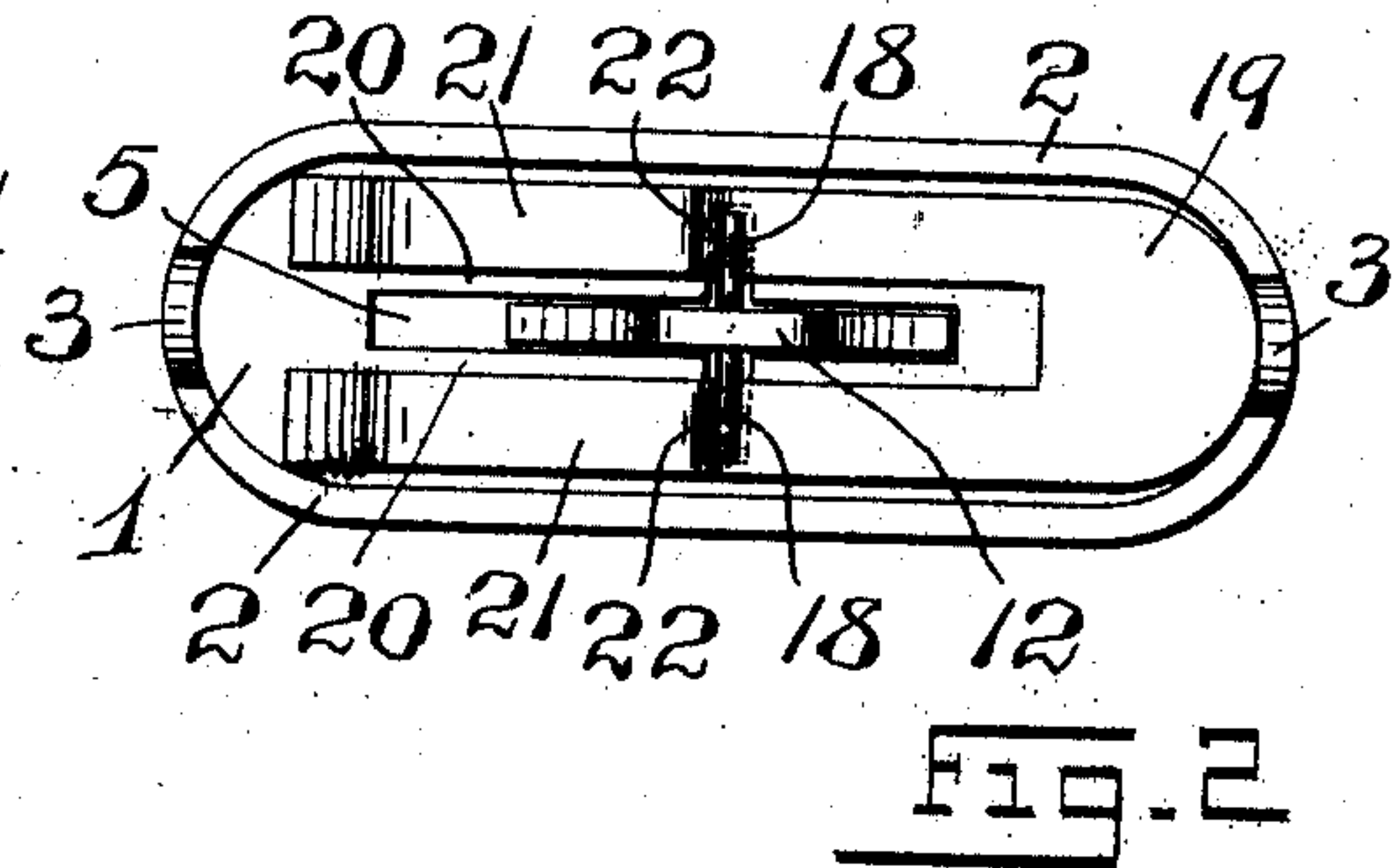
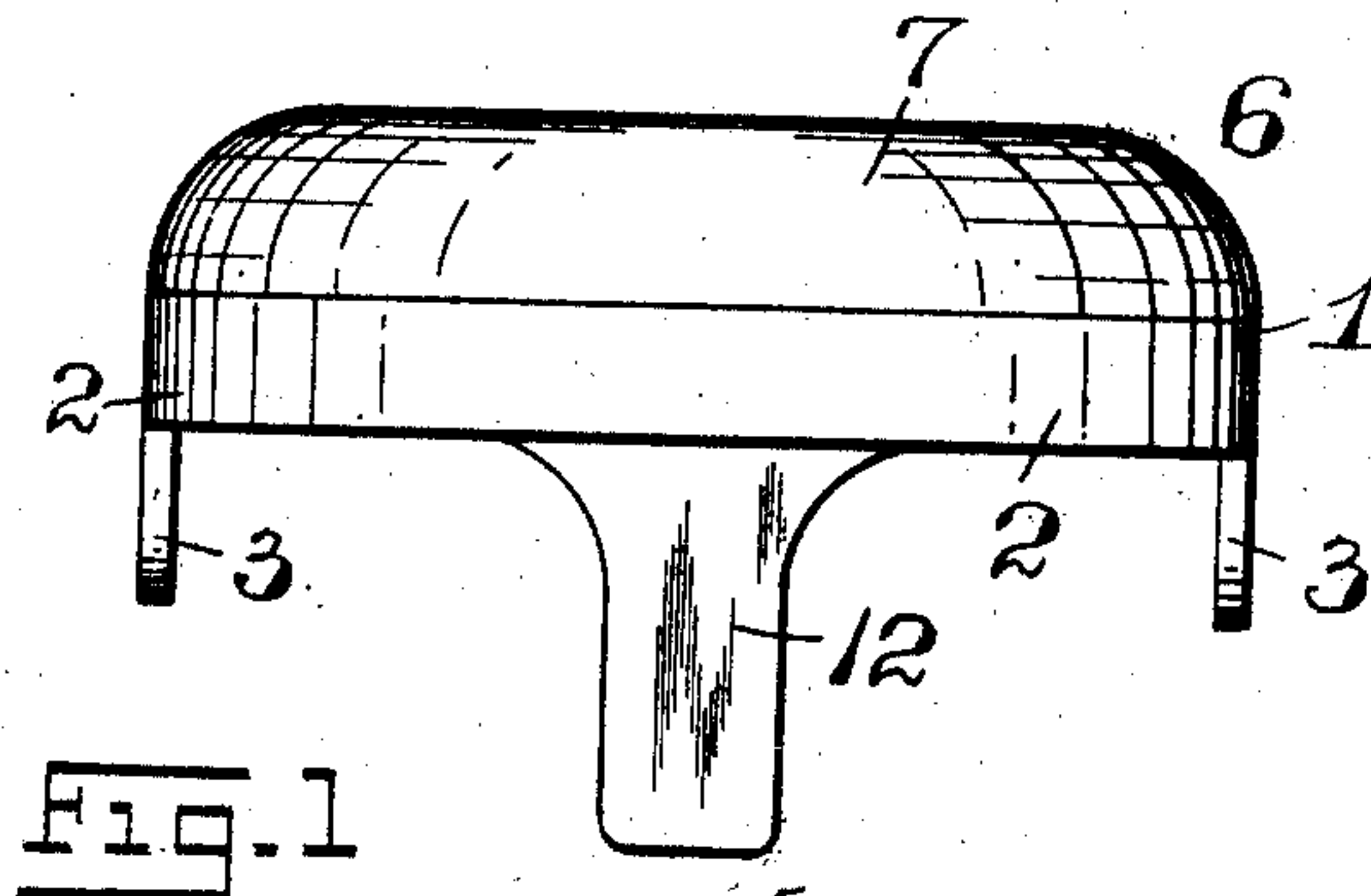


No. 883,647.

A. J. H. KUHSIEK.
FASTENER FOR BAG FRAMES.
APPLICATION FILED OCT. 29, 1907.

PATENTED MAR. 31, 1908.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

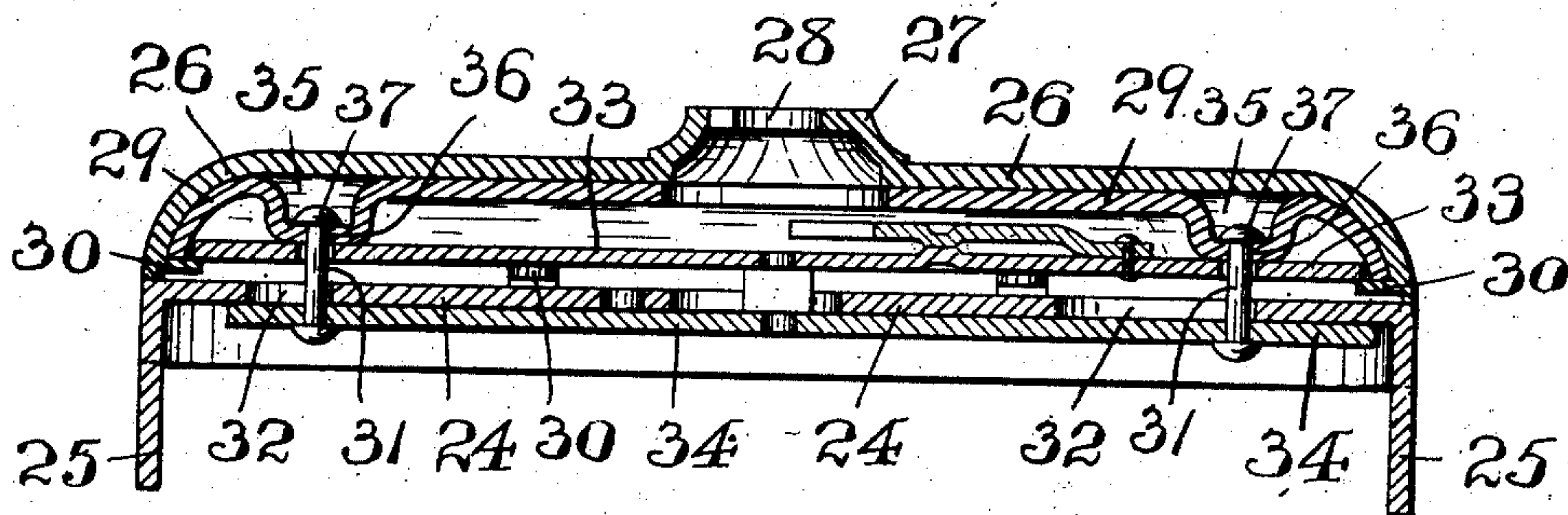
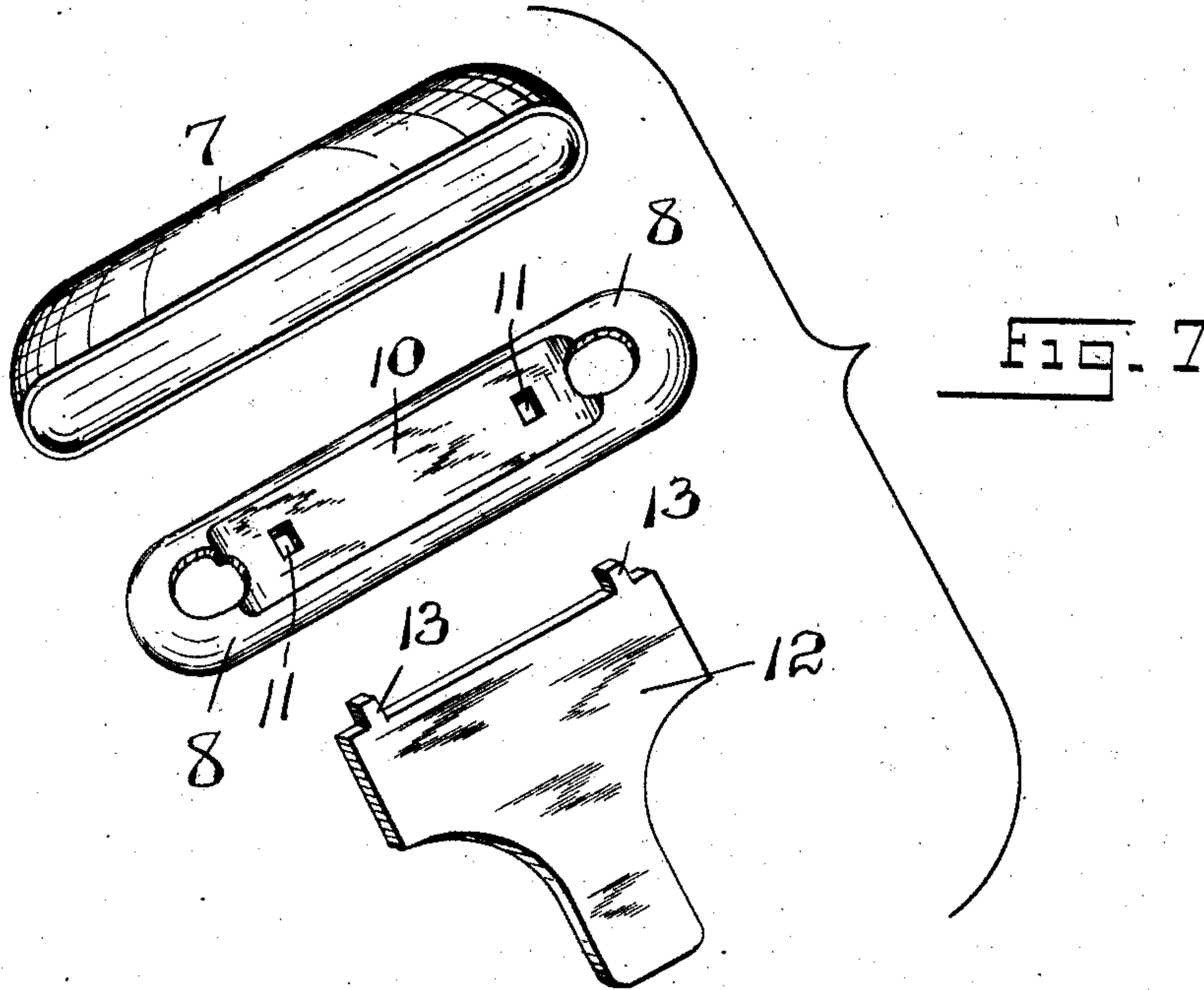


FIG. 8

WITNESSES:

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FASTENER FOR BAG-FRAMES.

No. 883,647.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed October 29, 1907. Serial No. 399,731.

To all whom it may concern:

Be it known that I, ALBERT J. H. KUHSIEK, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Fasteners for 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 characters of reference marked thereon, which form a part of this specification.

The present invention has reference, generally, to improvements in the construction of the shells or cases for fastening or locking devices such as are usually employed with bag-frames, and the like; and, the invention relates, more particularly, to a novel construction of shell or case for fastening or locking devices of bag-frames, all with a view of providing a device in which the ends of the usual fastening rivets are not exposed upon the outer surface of the outer shell of the fastening device, as heretofore.

My present invention therefore has for its principal object to provide a fastening device for bag-frames, and the like, in which there are no rivet-heads exposed to view, so as to enable the manufacturer to provide a construction of the general character hereinafter set forth, in which the outer shell or case has a neat appearance, because there are no lines or joints shown at the points, as in the old construction, where the upset end-portions of the rivets extend through perforations in the outer shell and are burnished off.

Other objects of this invention not at this time more particularly enumerated will be clearly understood from the following detailed description of my present invention.

The invention consists, primarily, in the novel fastener for bag-frames of the general character hereinafter set forth; and, furthermore, this invention consists in the novel arrangements and combinations of parts, as well as in the details of the construction of the same, all of which will be more fully described in the following specification, and then finally embodied in the clauses of the claims which are appended to and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a front-side elevation of a bag-frame catch representing one embodiment of the present invention; and Fig. 2 is a bottom view of the same. Fig. 3 is a central longitudinal vertical section of a bag-frame catch embodying the principles of this invention; and Fig. 4 is a transverse section of the same, said section being taken on the line 4—4 in said Fig. 3. Fig. 5 is a bottom view of the two upper connected shells or members of the catch, and its vertical locking post; and Fig. 6 is an enlarged transverse section, taken on line 6—6 in said Fig. 5, looking in the direction of the arrow *x*. Fig. 7 is a collective perspective view of the several parts or elements represented in said Fig. 5, said parts being shown in their respective positions when about to be secured in their assembled relation. Fig. 8 is a longitudinal vertical section of a bag-lock embodying the leading features of my present invention.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now more particularly to Figs. 1 to 7 inclusive, the reference-character 1 indicates a chambered and preferably elongated support or base which is surrounded by a flange 2 from which extend, at suitable intervals, the fastening lugs or prongs 3 which are adapted to be inserted in correspondingly placed holes in the bag-frame section and are bent over against the surface of the frame-section for securing the support or base 1 in place, as will be clearly understood. In its face-portion 4, the said support or base is provided with the usual longitudinally extending slot 5, for the purposes to be presently set forth.

Sliding longitudinally upon said face-portion of said support or base is the slide or fingerpiece 6, the same comprising an outer chambered shell or case, 7, substantially of the general configuration shown in the several figures of the drawings, and its marginal outline corresponding to the marginal outline of the face-portion of the support or base 1, so that the said parts of the device, when in their normal locking relation, will be fitted upon each other and will have the appearance of one complete shell or case.

Fitted within the chambered part of the shell or case 7 is a second shell 8, which is also chambered, substantially in the manner

shown, the upper convex portion of the shell 8 being depressed, as at 9, so as to provide a flat or straight surface-portion 10. This flat or straight surface-portion is provided with two or more holes or perforations 11 for the reception of correspondingly located rivet-lugs or posts 13 of a flat locking or holding plate or post, as 12, which extends in a downward direction from the under surface of said depressed portion of the shell 8, and through the longitudinally extending slot or opening 5, in which it is slidably arranged. That the said inner shell 8 may be permanently secured within the chamber of the shell or case 7, the latter is provided in its marginal edge 14 with depressions 15 and inwardly projecting holding tongues or lugs 16 which are forced out of said edge 14 by pressure, during the assembling of the parts, said holding tongues or lugs 16 extending directly beneath and being in holding engagement with the marginal edge-portion of the inner shell 8, substantially as illustrated in Figs. 2 to 6 inclusive. To secure these connected shells 7 and 8 and the holding plate or post 12 slidably upon the outer face-portion 4 of the support or base 1, the said plate or post is provided with a hole or perforation 17 in which is secured a laterally extending pin 18, the parts being retained in their operative relation by means of a spring-plate 19 which is slotted, as at 20, and has a pair of spring-arms 21, located upon opposite sides of the plate or post 12. The respective end-portions of said pin 18 bear against the under faces of the said spring-arms 21, being in contact with convexed or raised portions 22 with which said spring-arms 21 are provided, and being adapted to be forced over said raised portions 22, during the sliding movements, forwardly and backwardly, of the connected shells 7 and 8 upon the support or base 1, during the manipulation of the bag-frame catch.

From the foregoing description of my present invention, and from an inspection more particularly of Figs. 3 and 4 of the drawings, it will be seen, that the depression 9 of the inner shell 8 provides a suitable space for the arrangement therein of the riveted-over portions or heads 23 of the rivet-lugs or studs 13 of the holding-plate or post 12, the space provided being sufficient to allow for large and strong heads, so that all possibility of the plate or post 12 becoming loosened is entirely obviated; and, furthermore, since these riveted-over portions do not extend through the outer shell or case, as heretofore, a finer and more readily produced finish of the said outer shell or plate can be made, because there can be no joints where the parts are connected, to be polished off, as in the old arrangements and constructions of parts.

My present invention also permits the

outer shell, which is now of a heavy and ex-

pensive metal, to be made of a thinner and hence less expensive metal, usually brass which is plated, while the inner shell can be made of a heavier and less expensive metal, as iron.

Referring now to Fig. 8 of the drawings, it will be seen that my invention is applicable also to bag-frame locks having an upper shell or case slidably arranged upon a base or support. In this construction, the reference-character 24 indicates the usual base or support which is provided with the holding or fastening lugs 25 for securing the base or support upon a bag-frame section. Slidably arranged upon the upper face of said base or support is the outer lock-casing or shell 26 which is provided with the usual raised part 27 in which is formed the key-hole 28. Within said outer case or shell 26 is an inner shell 29, the same being secured in place by means of holding lugs or ears 30 formed in the lower marginal edge-portion of the shell 26, in the manner set forth in connection with the construction of fastening device, illustrated in Figs. 1 to 7 inclusive, and previously described.

The reference-character 31 indicates the usual rivets, movably arranged in elongated openings or holes 32 in the upper face of the support or base 24, and by means of which the plates 33 and 34 are operatively secured upon the opposite sides of the upper portion of said support or base. Instead of extending the end-portions of said rivets through suitable holes in the outer shell or case, as heretofore, the inner shell 29 is provided with suitably disposed depressions, as 35, the same being made with holes 36 through which the end-portions of the rivets extend and are provided with riveted-over parts or heads 37, the various parts being thereby secured in their operative relations substantially in the manner illustrated in said Fig. 8 of the drawings. Thus, it will be seen, that my invention is applicable also to bag-frame locks, for the reasons and purposes hereinabove already fully dwelt upon.

I am aware, that various changes may be made in the general arrangements and combinations of the devices and parts, as well as in the details of the construction of the same, without departing from the scope of the present invention as defined in the appended claims. Hence, I do not limit my invention to the exact arrangements and combinations of the devices and the parts of the same, as described in the foregoing specification and as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of any of the said parts.

I claim:

1. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon

said main support or base, and an inner shell within said outer shell, a post connected with said inner shell, said post being provided with a rivet-head and said inner shell being provided with a rivet-head receiving depression.

2. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, and an inner shell within said outer shell, a post connected with said inner shell, said post being provided with a rivet-head and said inner shell being provided with a rivet-head receiving depression, and fastening means extending from the marginal edge of said outer shell beneath and in engagement with the marginal edge of the inner shell.

3. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, and an inner shell within said outer shell, a post connected with said inner shell, said post being provided with a rivet-head and said inner shell being provided with a rivet-head receiving depression, said outer shell being provided at its marginal edge with retaining lugs forced directly out of said edge, said lugs extending inwardly directly beneath and in engagement with the marginal edge of the inner shell, substantially as and for the purposes set forth.

4. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head receiving depression and rivet-lug receiving holes, and a retaining post extending downwardly from said inner shell, said posts having rivet-lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depression of the inner shell.

5. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head receiving depression and rivet-lug receiving holes, and a retaining post extending downwardly from said inner shell, said post having rivet-lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depression of the inner shell, and fastening means extending from the marginal edge of said outer shell beneath and in engagement with the marginal edge of the inner shell.

6. In a fastening device for bag-frames and the like, a main support or base adapted to be secured upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head receiving depression and rivet-lug receiving holes, and a retaining post extending downwardly from said inner shell, said post having rivet-lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depression of the inner shell, said outer shell being provided at its marginal edge with retaining lugs forced directly out of said edge, said lugs extending inwardly directly beneath and in engagement with the marginal edge of the inner shell, substantially as and for the purposes set forth.

7. In a fastening device for bag-frames and the like, in combination with a chambered outer shell, of an inner shell arranged within said outer shell, a retaining post extending from said inner shell, and means connected with said post for securing the same to said inner shell without said securing means extending through and to the outer surface of said outer shell.

8. In a fastening device for bag-frames and the like, in combination with a chambered outer shell, of an inner shell arranged within said outer shell, a retaining post extending from said inner shell, and means connected with said post for securing the same to said inner shell without said securing means extending through and to the outer surface of said outer shell, and fastening means extending from the marginal edge of said outer shell beneath and in engagement with the marginal edge of the inner shell.

9. In a fastening device for bag-frames and the like, a chambered outer shell, a chambered inner shell fitted within said outer shell, and fastening means extending from the marginal edge of said outer shell beneath and in engagement with the marginal edge of the inner shell.

10. In a fastening device for bag-frames and the like, a chambered outer shell, a chambered inner shell fitted within said outer shell, said outer shell being provided at its marginal edge with retaining lugs forced directly out of said edge, said lugs extending inwardly directly beneath and in engagement with the marginal edge of the inner shell, substantially as and for the purposes set forth.

11. The herein described catch for bag-frames, comprising a chambered main support or base having a longitudinally extending slot in its face-portion and provided with means for securing it upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head

receiving depression and rivet-receiving holes, a retaining post extending downwardly from said inner shell, and into and through the longitudinal slot of said support or base, rivet-lugs upon said post, said lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depression of the inner shell, a spring-plate within said support or base, said spring-plate being provided with spring-arms arranged upon the opposite sides of said retaining post, each spring-arm being provided with a raised portion, and a pin extending laterally from said retaining post upon opposite sides thereof, said projecting portions of said pin being adapted to slide in frictional engagement with said raised portions of said spring-arms, substantially as and for the purposes set forth.

12. The herein described catch for bag-frames, comprising a chambered main support or base having a longitudinally extending slot in its face-portion and provided with means for securing it upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head receiving depression and rivet-receiving holes, a retaining post extending downwardly from said inner shell, and into and through the longitudinal slot of said support or base, rivet-lugs upon said post, said lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depression of the inner shell, a spring-plate within said support or base, said spring-plate being provided with spring-arms arranged upon the opposite sides of said retaining post, each spring-arm being provided with a raised portion, and a pin extending laterally from said retaining post upon opposite sides thereof, said projecting portions of said pin being adapted to slide in frictional engagement with said raised portions of said spring-arms, and fastening means extending from the marginal edge of

said outer shell beneath and in engagement with the marginal edge of the inner shell.

13. The herein described catch for bag-frames, comprising a chambered main support or base having a longitudinally extending slot in its face-portion and provided with means for securing it upon a bag-frame section, an outer chambered shell slidably arranged upon said main support or base, an inner shell within said outer shell, said inner shell being provided with a rivet-head receiving depression and rivet-receiving holes, a retaining post extending downwardly from said inner shell, and into and through the longitudinal slot of said support or base, rivet-lugs upon said post, said lugs extending through said lug-receiving holes and provided with rivet-heads arranged in said receiving depressions of the inner shell, a spring-plate within said support or base, said spring-plate being provided with spring-arms arranged upon the opposite sides of said retaining post, each spring-arm being provided with a raised portion, and a pin extending laterally from said retaining post upon opposite sides thereof, said projecting portions of said pin being adapted to slide in frictional engagement with said raised portions of said spring-arms, and fastening means extending from the marginal edge of said outer shell beneath and in engagement with the marginal edge of the inner shell, said outer shell being provided at its marginal edge with retaining lugs forced directly out of said edge, said lugs extending inwardly directly beneath and in engagement with the marginal edge of the inner shell, substantially as and for the purposes set forth.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 25th day of October, 1907.

ALBERT J. H. KUHSIEK.

Witnesses:

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GEORGE D. RICHARDS.