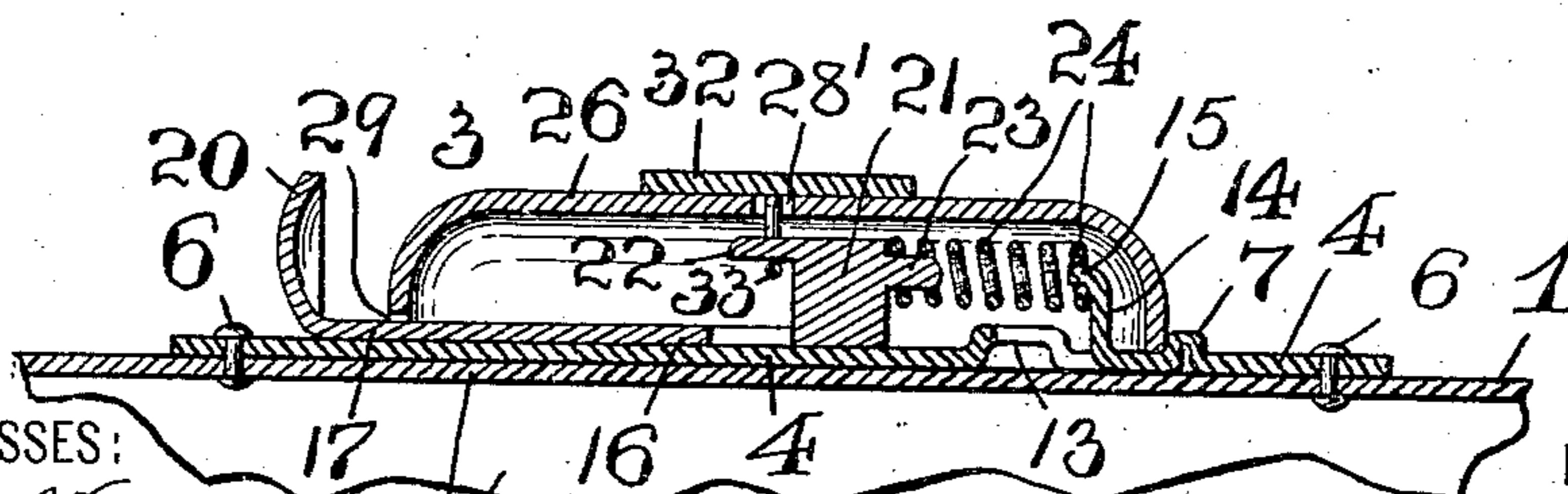
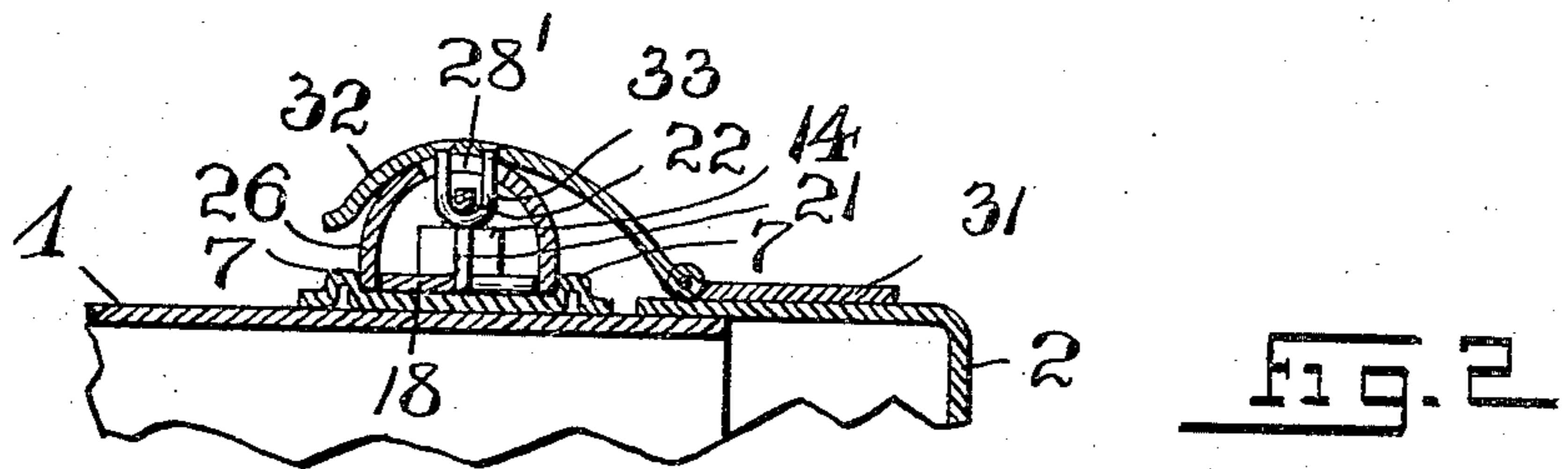
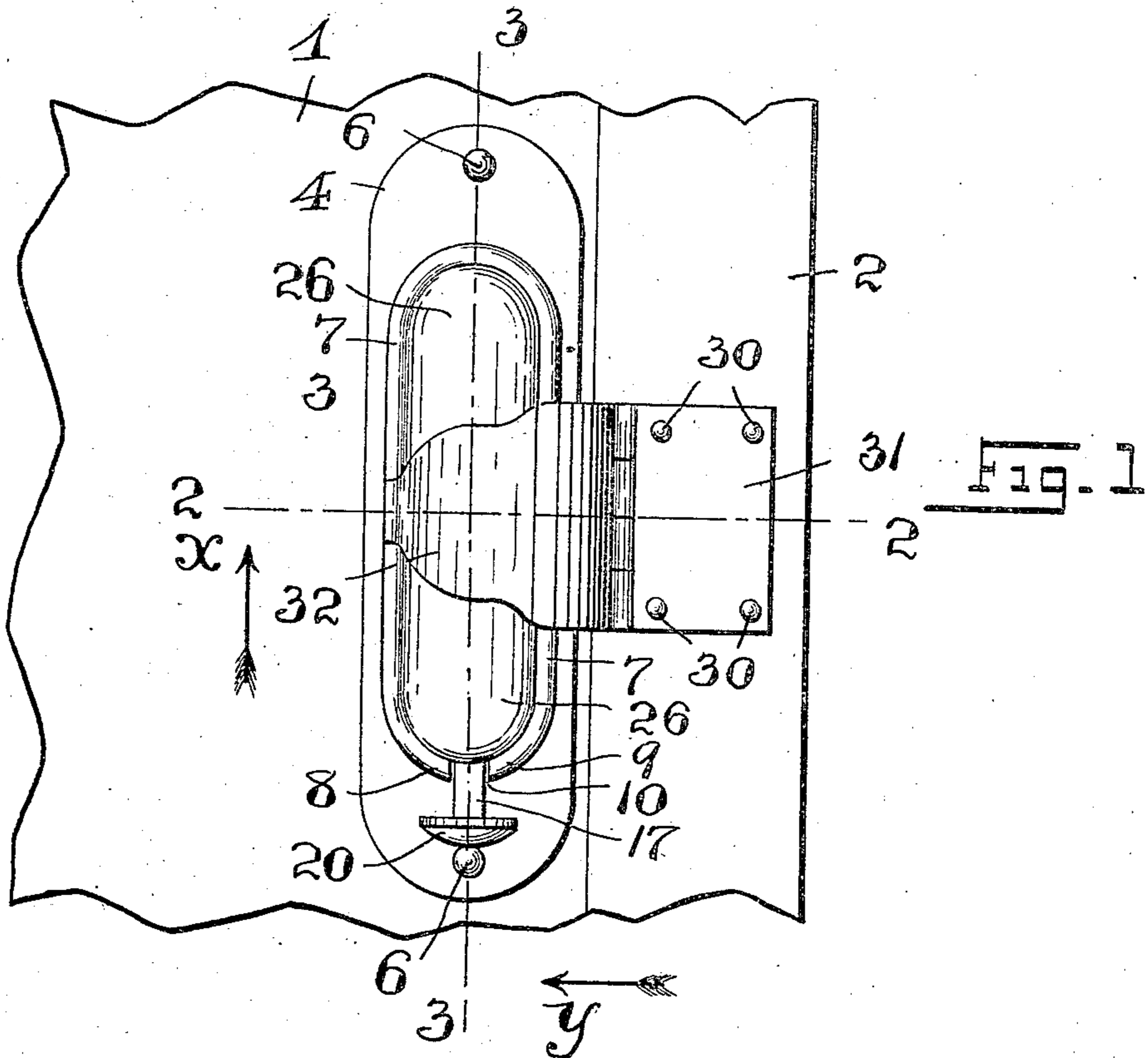


C. J. LYSAGHT.
BAG FASTENER.
APPLICATION FILED SEPT. 9, 1909.

943,229.

Patented Dec. 14, 1909.
2 SHEETS—SHEET 1.



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Cornelius J. Lysaght,
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2 SHEETS—SHEET 2.

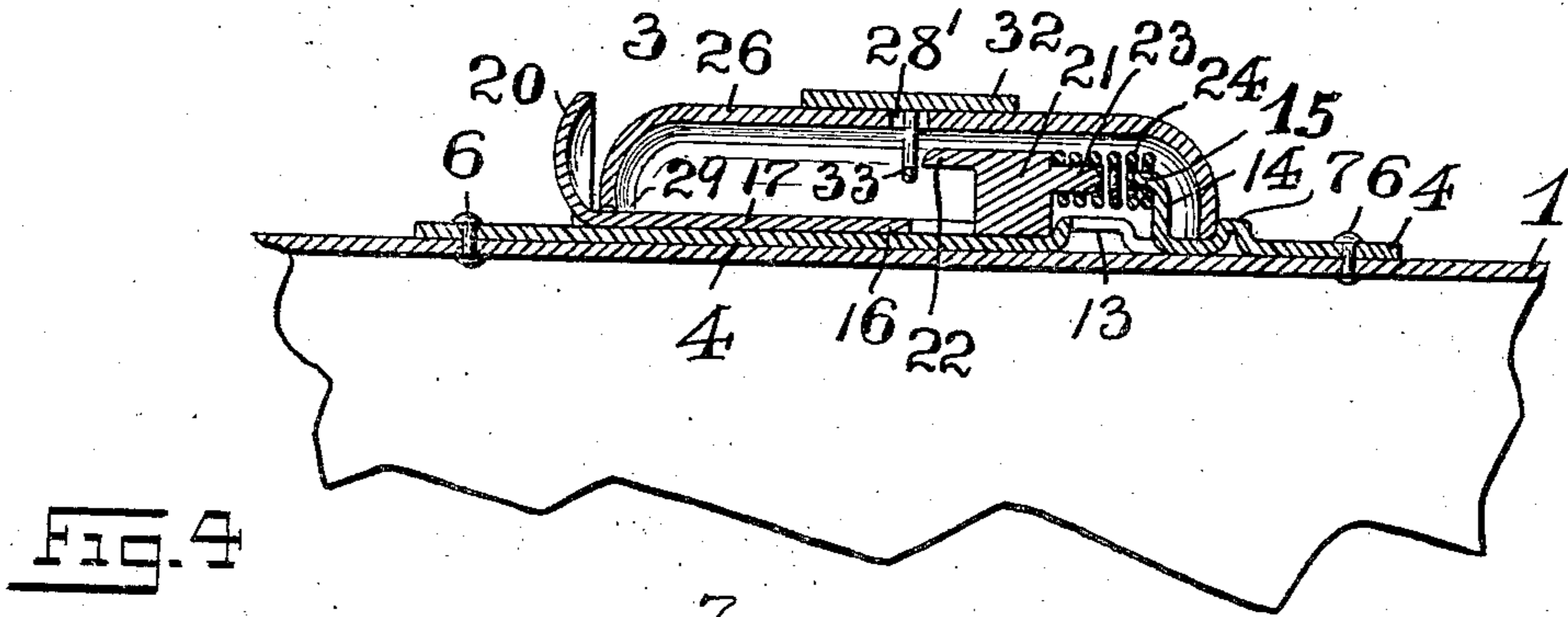


FIG. 4

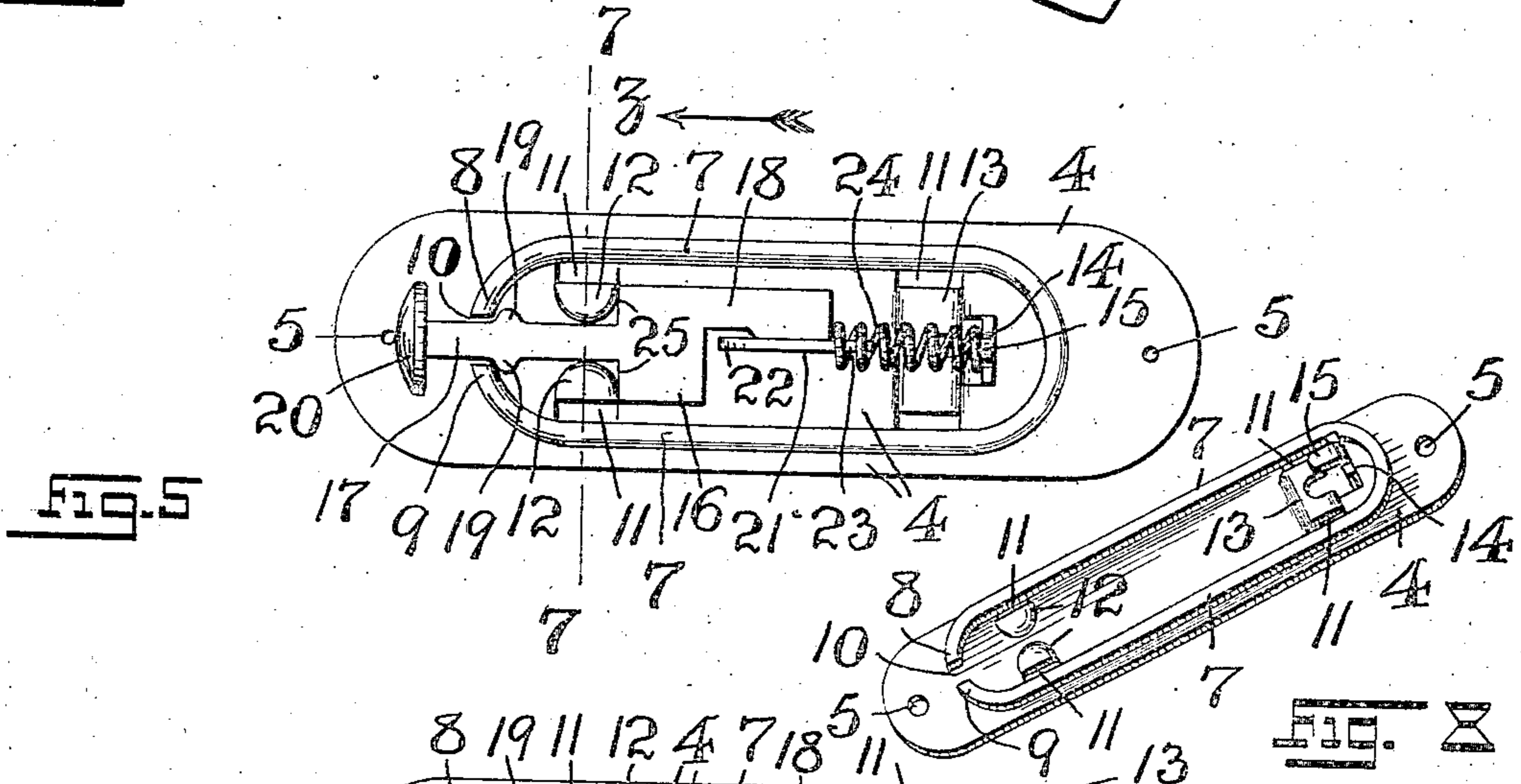


FIG. 5

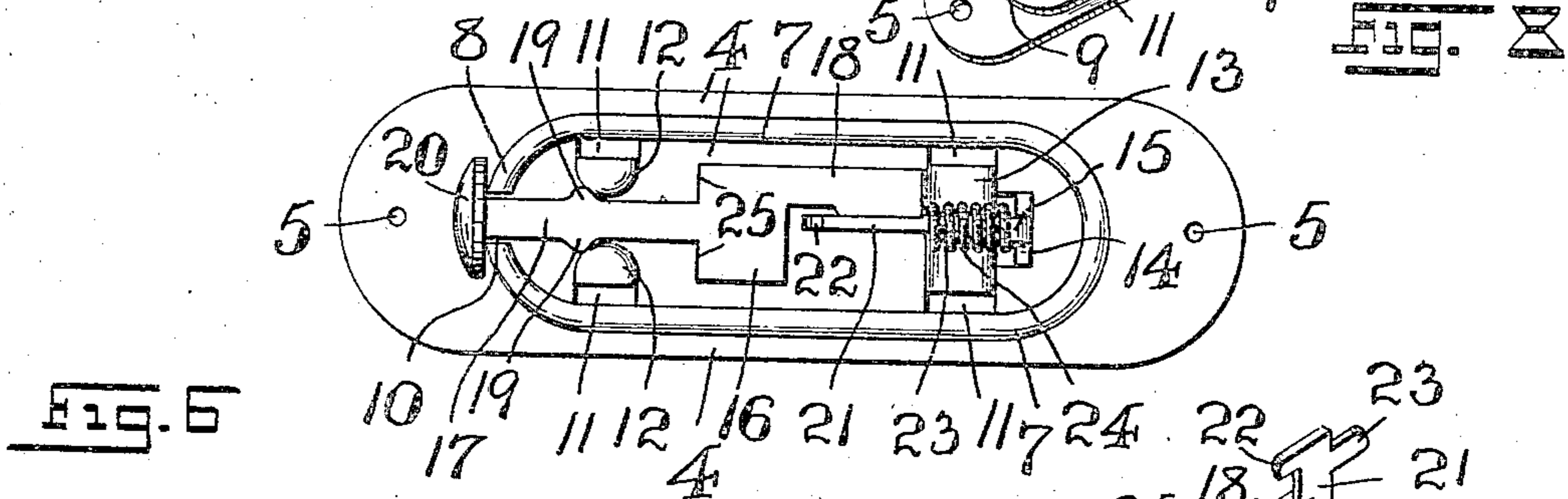


FIG. 6

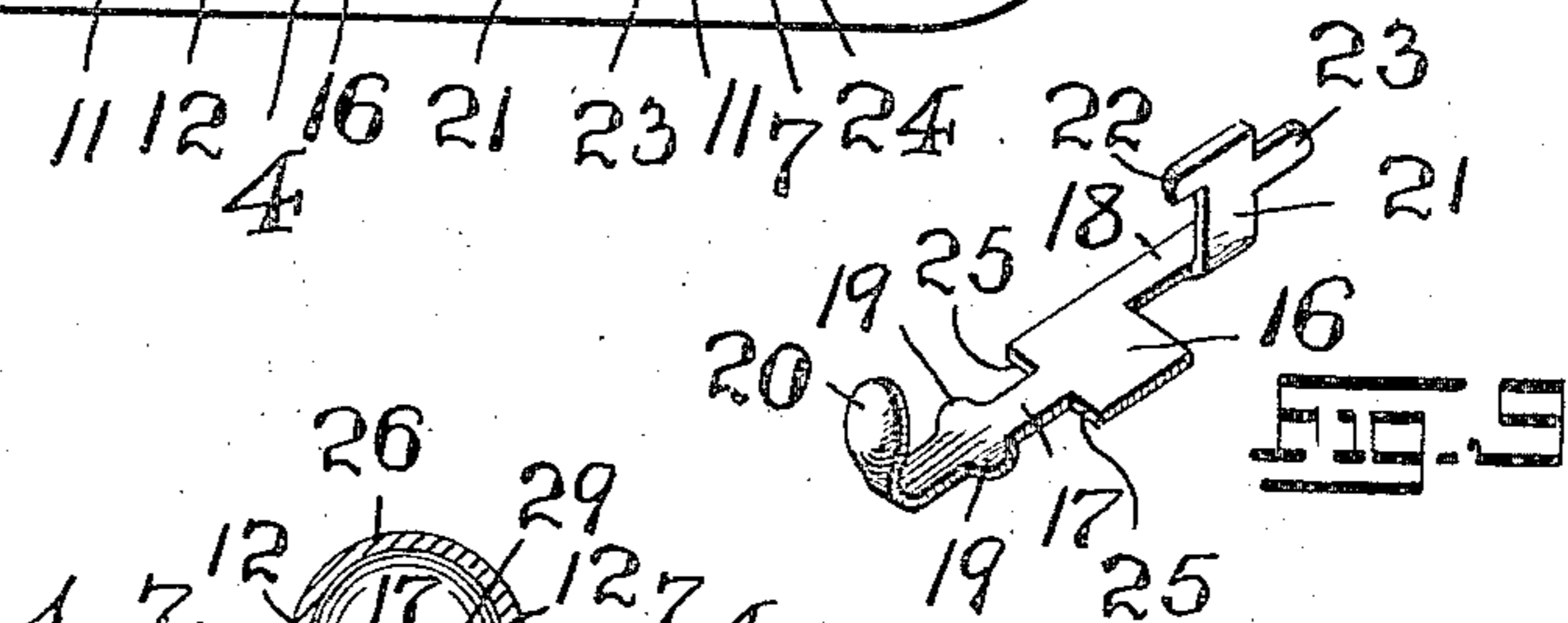


FIG. 7

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UNITED STATES PATENT OFFICE.

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BAG-FASTENER.

943,229.

Specification of Letters Patent.

Patented Dec. 14, 1909.

Application filed September 9, 1909. - Serial No. 516,842.

To all whom it may concern:

Be it known that I, CORNELIUS J. LYSAGHT, 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 Bag-Fasteners; 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.

This invention has reference, generally to holding catches; and, the invention relates, more particularly, to a novel form and construction of holding catch which is especially adapted for use with the members of boxes, camera-cases, lunch and music boxes, and which may be used also upon the hinged frame-sections of bags, and the like.

My present invention, therefore, has for its principal object to provide a novel, neat and simply constructed holding catch for the purposes herein-above stated and herein-after more fully set forth, with a view of providing a holding or retaining catch in which the parts have been reduced to a minimum, to greatly reduce the cost of manufacture and at the same time to provide a device the parts of which can not easily get out of order.

A further object of this invention is to provide a holding catch comprising a base-plate and a shell or casing to be secured thereon, the base-plate being formed with an upwardly extending ornamental rib or bead-like member which conforms in its outline to the marginal edge of the shell or casing and surrounds the same so as to provide a closure at the joint where the shell or casing is secured to and rests upon the said base-plate, so that there will be no unsightly openings exposed to view where these parts are connected.

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

With the various objects of the present invention in view, the said invention consists, primarily, in the novel holding catch herein-after set forth; and, the invention consists,

furthermore, in the novel arrangements and combinations of the device and parts, all of which will be more fully described in the following specification, and then finally embodied in the clauses of the claim which is appended to and which forms an essential part of the said specification.

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

Figure 1 is a top view of parts of the two members of a box or case, such as a lunch, camera, or music box, and a plan or top view of the holding catch attached to the said members. Fig. 2 is a transverse vertical section, said section being taken on line 2—2 in said Fig. 1, looking in the direction of the arrow *x*; and Fig. 3 is a longitudinal vertical section, said section being taken on line 3—3 in said Fig. 1, looking in the direction of the arrow *y*, said view showing the parts of the catch in their locked engagement with a hasp-plate. Fig. 4 is a longitudinal vertical section, similar to that shown in Fig. 3, but showing the parts of the catch in their disengaged positions from the hasp. Fig. 5 is a plan view of the base-plate and the hasp-engaging mechanism or bolt, the shell or casing being omitted from said view, the said mechanism or bolt being shown in its normal initial position; and Fig. 6 is a similar view of the parts represented in said Fig. 5, but showing the bolt in its "pushed-in" or operated position, prior to releasing or bringing the hasp into its holding engagement with the bolt. Fig. 7 is a transverse vertical section, said section being taken on line 7—7 in said Fig. 5, looking in the direction of the arrow *z* in said figure, but the said view showing in connection therewith a transverse section of the shell or casing and the means for securing the same to the said back-plate. Figs. 8 and 9 are perspective views of the base-plate and bolt of the catch.

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

In the said drawings, the reference-characters 1 and 2 indicate portions of the two members or sections of a box or case, such as a lunch, camera, music-box, or the like, and the reference-character 3 indicates the complete holding catch embodying the principles of my present invention. The said

holding catch comprises a base-plate 4 which is made from suitable sheet-metal and is preferably of the oblong marginal configuration shown in the several figures of the drawings. The said base-plate is formed with suitably disposed holes or perforations 5 for the reception of pins or rivets, as 6, by means of which the said plate can be secured in its proper position upon the box-member or section 1. The said base-plate has also struck up therefrom an ornamental rib or bead-like element or member 7, preferably of an oblong configuration, substantially as shown, said rib or bead-like member terminating in the ends 8 and 9, so as to provide a space 10 between said ends, for the purposes hereinafter more fully specified. The said base-plate is provided at suitable places and adjacent to the inner portions of said rib or bead-like member 7 with lug-receiving openings or perforations, as 11, and with a pair of struck-up parts or members 12 which serve both as guides and stops, as will be hereinafter more fully described. The base-plate is furthermore formed with a slightly raised portion 13 from a part of which and the adjacent portion of the base-plate is struck or forced out a post or lug 14 having its upper end-portion made in the form of a tongue 15 which is bent at right angles to the said post, or approximately so, and extends in a direction toward the said struck-up parts or members 12.

The previously mentioned hasp-engaging mechanism or bolt consists, essentially, of a main body, as 16, the said body being provided with two oppositely extending arms or members 17 and 18. The said arm 17 extends between the two ends 8 and 9 of the rib or bead-like element 7, being provided upon its opposite and longitudinal marginal edges with projections 19 which are located and slide upon the space between the inner edge-portions of the ends 8 and 9 and the struck-up parts or members 12. Upon its free end-portion, the said arm or member 17 is provided with a suitably formed fingerpiece, as 20. The other arm or member 18 of said main body 16 is formed with a portion 21, providing a post, which forms an integral part of said arm or member 18 and is bent in an upward direction at right-angles, or approximately so, to the plane of the said body 16 and its two arms 17 and 18. The said post 21 is made with two fingers or projections, as 22 and 23, which extend in opposite directions from said post, one of said fingers, as 22, forming a holding or retaining member adapted to be brought in engagement with a hasp-loop, and the other finger 23 being adapted to receive thereon one end of a coiled spring 24. This spring has its other end arranged upon the previously mentioned tongue 15 of the post

or lug 14, and the purpose of this spring is to bring the hasp-engaging mechanism or bolt, just described, into its normal initial position represented in Figs. 3 and 5 of the drawings.

From an inspection more particularly of Figs. 5 and 6 it will be seen that when the hasp-engaging mechanism or bolt is pressed by means of its fingerpiece 20 in an inward direction, then the coils of the spring 24 are compressed, and the projections 19 of the arm or member 17 are brought in contact with the struck-up parts or members 12 so as to arrest the inward movement of the bolt, the said members 12 acting at the same time as guides to provide for the proper sliding movement of the said bolt. When the pressure is removed from the fingerpiece 20, then the spring 24 will cause the movement and return of the bolt in the opposite direction, until the edge-portions 25 of the body 16 of the bolt are brought against the struck-up members or parts 12, thereby arresting the forward movement of the bolt, as will be clearly evident.

The hasp-engaging mechanism or bolt is inclosed in a suitably formed shell or casing 26 preferably of an oblong configuration, the said shell or casing being provided with downwardly extending lugs, as 27, which are passed through the holes or perforations 11 in the base-plate 4 and are bent over into the depressions 28 formed by the struck-up members 12, as shown in Fig. 7 of the drawings, and whereby the said shell or casing 26 is securely fastened upon the said base-plate 4. As has been stated, the marginal configuration of the said shell or casing conforms to that of the rib or bead-like member or element 7, so that the latter will surround and inclose the marginal edge of the shell or casing 26, and thus provides both an ornamental finish and a closure which closes up any openings that may be found at the joint of the shell or casing and the back-plate 4, due to any imperfection or roughness in the marginal edge-portion of the said shell or casing. As shown, the said shell or casing 26 is provided in its upper surface with an opening 28¹, located at a point above the finger or projection 22, when the hasp-engaging mechanism or bolt is in the position shown in said Fig. 3 of the drawings; and in the end of said shell or casing 26, located directly back of the space 10 formed by the end-portions 8 and 9 of the said rib or bead-like member 7 is an open or cut-away portion 29 through which the arm 17 of the hasp-retaining mechanism or bolt extends, as clearly shown in Figs. 3 and 4 of the drawings.

Suitably secured upon the box-member or section 2, by means of pins or rivets 30, is a plate 31, to which is hinged, in any suitable manner, a suitably curved hasp 32, pro-

vided with a downwardly extending holding loop 33 of any suitable construction, the said hasp being adapted to be arranged above the upper surface of the shell or casing 26 and the holding loop 33 made to enter the opening 28¹ in said shell or casing, substantially as shown in Figs. 2, 3 and 4 of the drawings. In order that the hasp can be brought into its locked engagement with the hasp-retaining mechanism or bolt, the said mechanism or bolt is pushed into the position shown in Fig. 4 of the drawings, thereby withdrawing the finger 22 away from beneath the opening 28¹ in the shell or casing 26, so as to permit the loop 33 to enter the shell or casing. When the pressure is released from the fingerpiece 20 of the hasp-retaining mechanism or bolt, the spring 24 moves the bolt in its forward direction and causes the said finger or projection 22 to enter into its holding engagement with the loop 33, in the manner shown in Figs. 2 and 3 of the drawings. The parts have thus been brought into their locked engagement and the two box-members or sections 1 and 2 are consequently retained in their closed relations. To separate the parts, the hasp-retaining mechanism or bolt is again pushed into the position indicated in Fig. 4 of the drawings, thereby withdrawing the finger or projection 22 from within the loop 33 of the hasp, so that the two box-sections 1 and 2 can be separated.

I am aware that some 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, as described in the accompanying specification, without departing from the scope of my present invention as defined in the claims which are appended to the said specification. Hence, I do not limit my present invention to the exact arrangements and combinations of the devices and parts as set forth in the foregoing specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

I claim:—

1. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing secured upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-
portions of said shell or casing, and a hasp-retaining mechanism within said shell or casing.

2. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, said base-plate being provided with lug-receiving openings, a shell or casing upon said base-plate, lugs extending from the marginal edge of said shell or casing, said lugs

projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-
portions of said shell or casing, and a hasp-retaining mechanism within said shell or casing.

3. A holding catch comprising a base-plate, a shell or casing upon said base-plate, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, and a spring connected with and located between said other finger and said tongue.

4. A holding catch comprising a base-plate, a shell or casing upon said base-plate, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, and guides pressed out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed.

5. A holding catch comprising a base-plate, a shell or casing upon said base-plate, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, guides struck up out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed, and marginal stops projecting from said first-mentioned arm of the

bolt adapted to be brought in engagement with said guides to limit the movement of said bolt.

6. A holding catch comprising a base-plate, a shell or casing upon said base-plate, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, and a spring connected with and located between said other finger and said tongue, said base-plate being provided with lug-receiving openings, and lugs extending from the marginal edge of said shell or casing, said lugs projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate.

7. A holding catch comprising a base-plate, a shell or casing upon said base-plate, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, and guides struck up out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed, said base-plate being provided with lug-receiving openings, and lugs extending from the marginal edge of said shell or casing, said lugs projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate.

8. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely ex-

tending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, and a spring connected with and located between said other finger and said tongue.

9. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, and guides struck up out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed.

10. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, guides struck up out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed and marginal stops projecting from said first-mentioned arm of the bolt adapted to be brought in engagement with said guides to limit the movement of said bolt.

11. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, 130

a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, and a spring connected with and located between said other finger and said tongue, said base-plate being provided with lug-receiving openings, and lugs extending from the marginal edge of said shell or casing, said lugs projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate.

12. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue and guides struck up out of said base-plate between which said first-men-

tioned arm of the bolt is slidably disposed, said base-plate being provided with lug-receiving openings, and lugs extending from the marginal edge of said shell or casing, said lugs projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate.

13. A holding catch comprising a base-plate, said plate being formed with an upwardly extending rib or bead-like member, a shell or casing upon said base-plate, said rib or bead-like member forming a closure surrounding the marginal edge-portions of said shell or casing, said shell or casing being provided in one end with an opening, a post forced out of said base-plate and extending in an upward direction, a forwardly extending tongue upon said post, and a bolt slidably arranged upon said base-plate, said bolt comprising a body and oppositely extending arms, one of said arms extending through the opening in the end of said shell or casing, a fingerpiece upon said arm, an upwardly extending post upon the other arm of said bolt, oppositely extending fingers upon said post, one of said fingers serving to engage a hasp-loop, a spring connected with and located between said other finger and said tongue, guides struck up out of said base-plate between which said first-mentioned arm of the bolt is slidably disposed, and marginal stops projecting from said first-mentioned arm of the bead adapted to be brought in engagement with said guides to limit the movement of said bolt, said base-plate being provided with lug-receiving openings, and lugs extending from the marginal edge of said shell or casing, said lugs projecting into and through the openings in said base-plate and bent over against the bottom of said base-plate.

In testimony, that I claim the invention set forth above I have hereunto set my hand this seventh day of September, 1909.

CORNELIUS J. LYSAGHT.

Witnesses:

FREDK. C. FRAENTZEL,
ANNA H. ALTER.