J. S. ISIDOR.

BAG FASTENER.

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954,736. Patented Apr. 12, 1910.

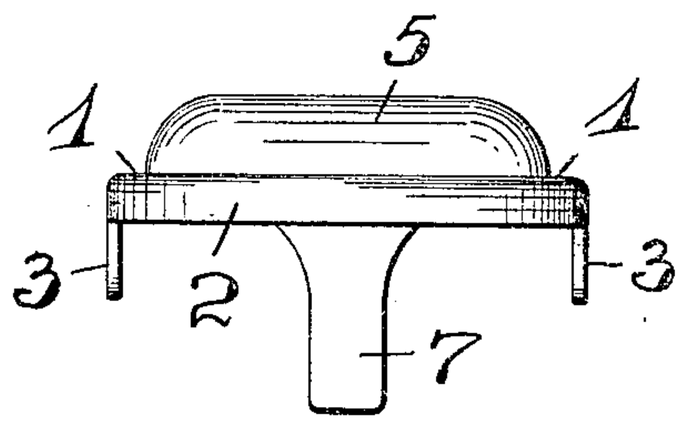


Fig. 1

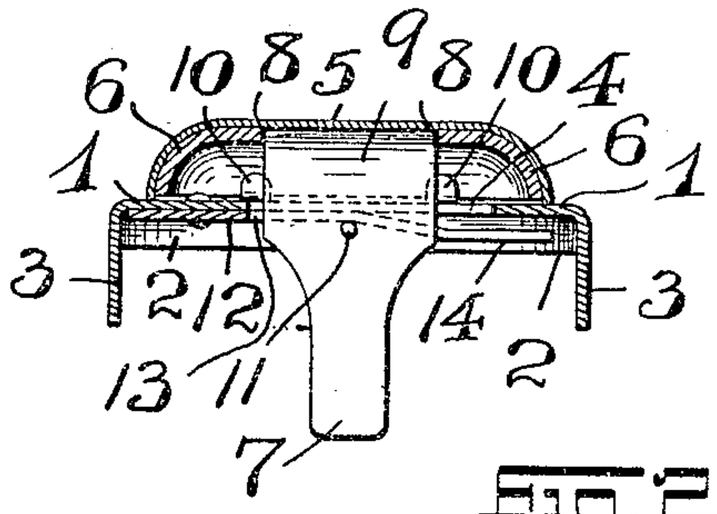


Fig. 2

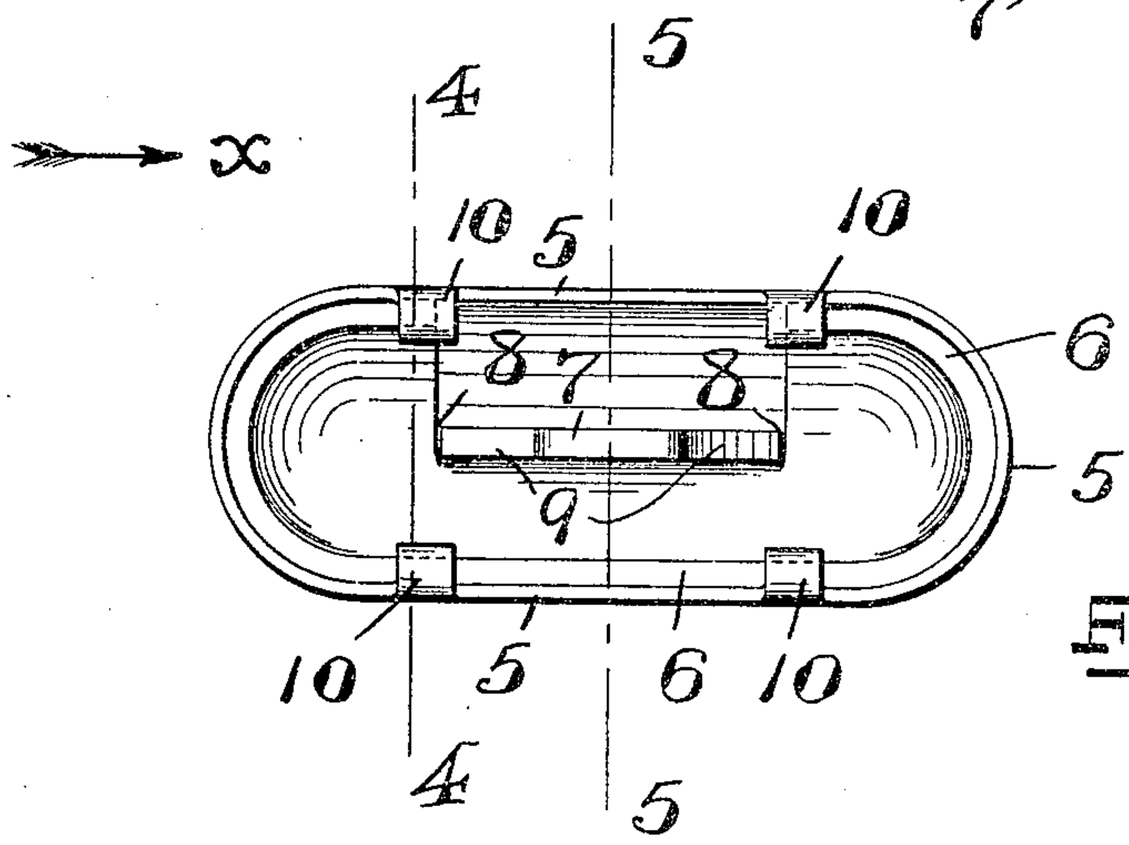
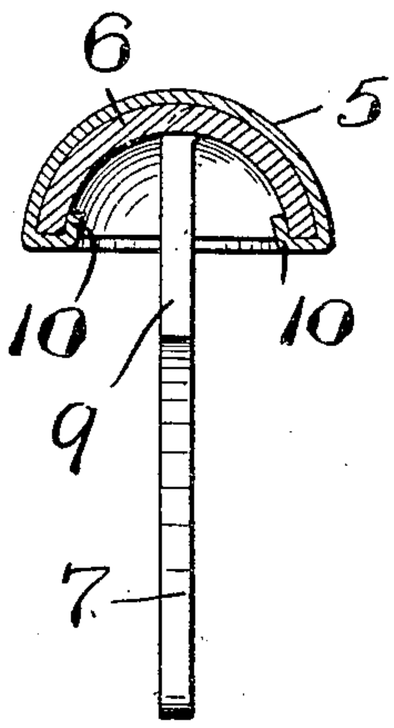


Fig. 3

Fig. 4



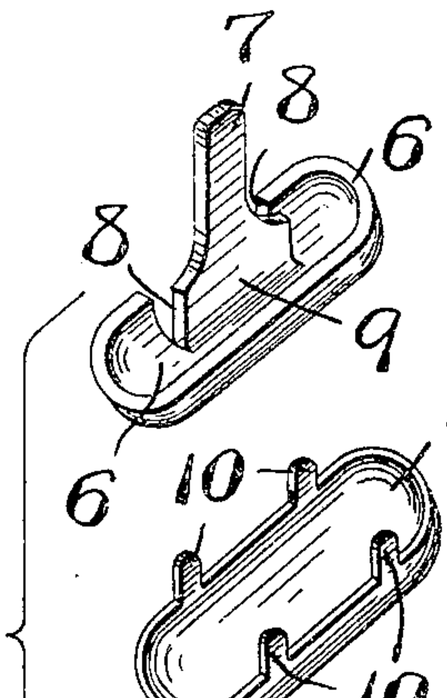


Fig. 5

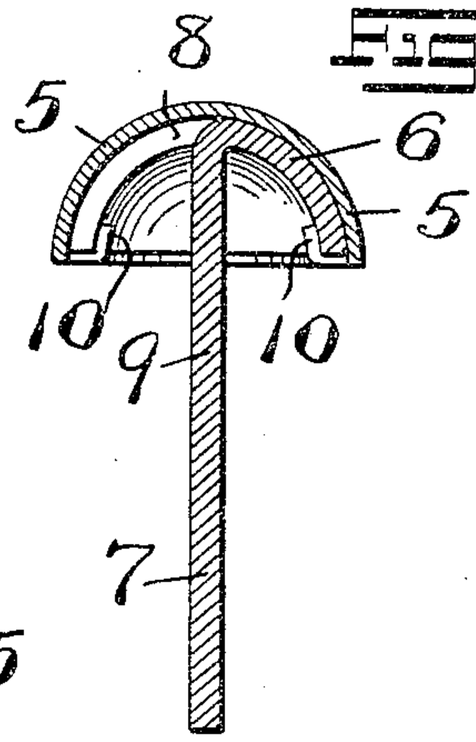


Fig. 6

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BAG-FASTENER.

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Application filed January 29, 1910. Serial No. 540,759.

To all whom it may concern:

Be it known that I, JOSEPH S. ISIDOR, 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.

The present invention has reference, generally, to improvements in the construction of the shells or cases for fastening or locking devices, such as are ordinarily employed with bag-frames, and the like; and, the invention relates, more particularly, to a novel construction of shell or case and post therefor for fastening or locking devices of bag-frames, all with a view of providing a combined shell or case and bolt-plate or post of a simple, durable, and sightly construction.

My present device, therefore, has for its principal object to provide a fastening device for bag-frames, and the like, in which the slide or finger-piece is constructed of few and simple parts, and in which the bolt-plate or post of said fastening device forms an integral and inseparable portion of one of the shells of said slide or fingerpiece, thus providing a very strong and efficient device, and which does away with extra manipulation and assembling in the manufacture of the same.

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 arrangement and construction of combined slide or fingerpiece and bolt-plate or post for fastening devices of bag-frames; and, this invention consists, furthermore, 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-fastener, showing one embodiment of the principles of the present invention; and Fig. 2 is a central longitudinal vertical section of the same. Fig. 3 is a bottom view of the combined slide or fingerpiece and bolt-plate or post, shown in said Figs. 1 and 2, the same being removed from its operative relation with the other parts of said fastening device, and the same being shown on an enlarged scale. Fig. 4 is a transverse section, taken on line 4—4 in said Fig. 3; and Fig. 5 is a transverse section, taken on line 5—5 in said Fig. 3, both of these figures being viewed in the direction of the arrow *x*. Fig. 6 is a collective perspective view of the two shells forming my novel combined slide or finger-piece and bolt-plate or post, before the same are assembled.

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

Referring now to the several figures of the drawings, the reference-character 1 indicates a chambered and preferably elongated support or base, which is preferably surrounded by a flange 2, from which extend, at suitable intervals, suitable fastening lugs or prongs 3 which are adapted to be inserted in correspondingly placed holes in the bag-frame section for securing the support or base 1 in place, as will be clearly understood. The said support or base 1 is further provided with a longitudinally extending slot 4, for the purposes subsequently to be set forth. Sliding longitudinally upon the upper surface of said support or base 1 is a combined slide or fingerpiece and bolt-plate or post, comprising an outer chambered shell or case 5. Fitted within the chambered part of said shell or case 5 is a second shell 6, which is also chambered, said second shell 6 being provided upon one side or wall with a downwardly projecting post or tongue 7. The said side or wall is provided with an inwardly extending cut 8 adjacent to each vertical edge of said post or tongue 7, the said cuts 8 extending inwardly toward the longitudinal central line of said shell 6, in such a manner, so as to form a plate-portion 9 which is bent downwardly from said longitudinal central line of said shell 6, substan-

tially in the manner shown, so that said plate-portion 9 and the said post or tongue 7 form a downwardly extending bolt-plate which is integrally connected with and forms an inseparable part of said shell 6. That the said inner shell 6 may be permanently secured within the chamber of the shell or case 5, the latter is provided at its marginal edge with a plurality of suitably disposed and downwardly extending lugs or tongues 10 which are bent upwardly and around the marginal edges of said inner shell 6, and thus permanently secure the same in its operative relation within said shell or case 5. The said post or bolt-plate, formed by the plate-portion 9 and the said tongue 7, above described, extends downwardly through said slot 4 in said base or support 1, substantially in the manner illustrated. To secure the connected shells 5 and 6 and said post or bolt-plate 7 in their slidable relation upon the said support or base 1, the said post or bolt-plate is fitted with a transversely extending pin 11, the parts being retained in their operative relation by means of a spring-plate 12 which is slotted, as at 13, and is provided with a pair of spring-arms 14 located upon opposite sides of said post or bolt-plate 7. The respective end-portions of said pin 11 bear against the under faces of said spring-arms 14 of the plate 12, and are adapted to be forced in frictional engagement with said spring-arms 14, during the sliding movements, either backward or forward, of the connected shells 5 and 6 upon the support or base 1, during the manipulation of the bag-frame catch.

I am aware, that changes may be made in the general arrangements and combinations of the several 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 set forth in the foregoing specification, and 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 said specification, and as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of said parts.

I claim:—

1. In a fastening device for bag-frames and the like, a combined slide or fingerpiece and bolt-plate comprising, an outer chambered shell or case, an inner shell adapted to be secured within said outer chambered shell or case, and a downwardly extending post integrally formed with said inner shell, substantially as and for the purposes set forth.

2. In a fastening device for bag-frames and the like, a combined slide or fingerpiece and bolt-plate comprising, an outer chambered shell or case, an inner shell adapted to fit within said outer shell or case, means connected with said outer shell or case for permanently connecting said inner shell therewith, and a downwardly extending post integrally formed with said inner shell, substantially as and for the purposes set forth.

3. In a fastening device for bag-frames and the like, a combined slide or fingerpiece and bolt-plate comprising, an outer chambered shell or case, an inner shell fitted within said outer shell or case, a plurality of fastening tongues or lugs extending from the marginal edge of said outer shell or case and adapted to be bent around the marginal edges of said inner shell to retain the same in connected relation with said outer shell or case, and a downwardly extending post integrally formed with said inner shell, substantially as and for the purposes set forth.

4. In a fastening device for bag-frames and the like, a combined slide or fingerpiece and bolt-plate comprising, an outer chambered shell or case, an inner shell fitted within said outer shell or case, a plurality of fastening tongues or lugs extending from the marginal edge of said outer shell or case and adapted to be bent around the marginal edges of said inner shell to retain the same in connected relation with said outer shell or case, said inner shell being provided with a pair of slits extending transversely from one of its side-edges toward the longitudinal central line of said inner shell so to form a plate portion, and a post extending downwardly from said plate-portion, said plate-portion and tongue being bent to form a bolt-plate extending downwardly from the longitudinal central line of said inner shell substantially as and for the purposes set forth.

5. In a fastening device for bag-frames and the like, a combined slide or fingerpiece and bolt-plate comprising, an outer chambered shell or case, an inner shell fitted within said outer chambered shell or case, said inner shell being provided with a pair of slits extending transversely from one of its side-edges toward the longitudinal central line of said inner shell so to form a plate-portion, and a post extending downwardly from said plate-portion, said plate-portion and tongue being bent to form a bolt-plate extending downwardly from the longitudinal central line of said inner shell, substantially as and for the purposes set forth.

6. In a bag-frame fastener, a chambered shell provided with a post, said post forming an integral and inseparable part of said shell.

7. In a bag-frame fastener, a chambered shell provided with a post, said post forming an integral and inseparable part of said shell and extending downwardly approxi-

mately at right angles from within the chambered portion of said shell.

8. In a bag-frame fastener, an outer chambered shell, and an inner chambered shell fitted within said outer shell, said inner shell being provided with a post, said post forming an integral and inseparable part of said inner shell.

9. In a bag-frame fastener, an outer chambered shell, and an inner chambered shell fitted within said outer shell, said inner shell being provided with a post, said post forming an integral and inseparable part of said inner shell and extending downwardly approximately at right angles from within the chambered portion of said inner shell.

In testimony that I claim the invention set forth above I have hereunto set my hand this 28th day of January, 1910.

JOSEPH S. ISIDOR.

Witnesses:

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FREDK. H. W. FRAENTZEL.