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1,507,153

R. H. BINNS

GLOVE CLOSURE

Filed Aug. 19, 1922

Fig. 1

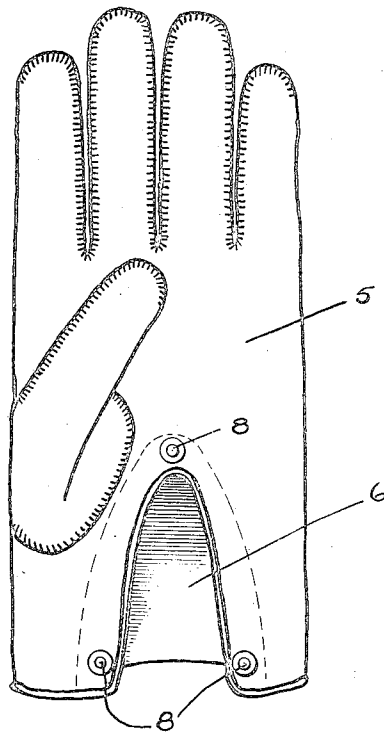


Fig. 2

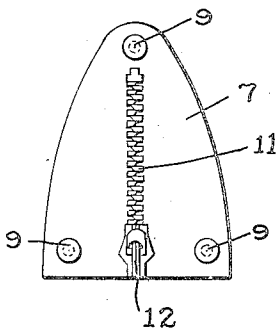
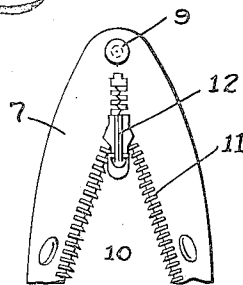


Fig. 3



Inventor

RALPH H. BINNS

By his Attorneys

Samuel L. Baker

UNITED STATES PATENT OFFICE.

RALPH H. BINNS, OF NEW YORK, N. Y.

GLOVE CLOSURE.

Application filed August 19, 1922. Serial No. 582,854.

To all whom it may concern:

Be it known that I, RALPH H. BINNS, a citizen of the United States, and a resident of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Glove Closures, of which the following is a specification.

My invention relates to a glove closure, and aims to provide certain new and useful improvements in connection with a device of this character.

It is an object of the present invention to provide a closure particularly adapted for use in connection with gloves, but not necessarily limited to this adaptation, and by means of which the glove or other element with which it is associated may be capable of being quickly closed or opened.

A further object of my invention is that of providing a device of the nature specified in which the parts will be closed more completely than has heretofore been possible by means of the ordinary snap fasteners or similar members employed.

Still another object of my present invention is that of providing a closure member which may be in the nature of an attachment to an article to be closed, so that the standard construction of the same will not have to be altered.

A still further object of my invention is that of providing a closure embodying extremely simple construction, and which may be capable of being placed upon the market at a nominal figure.

With these and further objects in mind my invention consists essentially of a known form of closure, mounted in such a manner and preferably associated with a glove, so that the objects aforementioned will be accomplished.

Reference is had to the attached sheet of drawings as illustrating one practical embodiment of this invention, and in these views it will be seen that—

Figure 1 is a face view of a glove with which a closure is to be associated.

Figure 2 is a face view of the closure and showing the same in shut position, and detached from the glove, and

Figure 3 is a view similar to Figure 2 but showing the closure in partly open position.

The essence of my invention consists in the use of a closure which includes two series of spaced inter-engaging arms, to-

gether with an actuating member for causing an engagement or detachment of these arms one from the other, this closure being arranged upon a mounting which is to be secured on a glove or other article having an opening to be closed.

Thus as in Figure 1, it will be seen that the reference numeral 5 indicates a glove of any conventional construction and desired type, which in the usual manner has its rear edge formed with a relatively wide slit, as at 6, to provide an opening for the insertion and withdrawal of the wearer's hand. In Figure 2 I have shown the closure mounting which embraces a tongue 7, preferably of a material similar to that of which the glove is constructed, and this mounting may be conveniently and detachably associated with the glove by any suitable means such as a snap fastener, the male portions 8 of which are attached to the glove at the upper end and lower ends of the split portion 6, while the female portions 9 of these fasteners, are carried at corresponding points by the mounting 7.

As in Figure 3 it will be noted that the piece of material comprising the mounting is formed with a slit 10 extending from its lower edge to a point short of its upper end, and thus it will be obvious that upon the mounting being attached to the glove that the body of the former will normally close the opening or split portion 6 of the latter, and the mounting will in turn present a slit so that the wearer's hand may readily be inserted into or withdrawn from the glove.

Arranged adjacent each edge of the slit portions 10 are a plurality of spaced arms 11, and thus two series of arms are provided, the ends of which are capable of inter-engagement for securing the whole immovable, and the engagement or separation of these arms is affected by the use of the actuating member 12 which forms a well-known part of this type of closure.

In use the mounting 7 is attached to the glove body by means of the snap fasteners, or other securing elements utilized, and the glove may be drawn upon the hand by grasping the actuating member 12 and drawing the same rearwardly. In other words, the wearer may insert his hand into the glove 5, and an inward pull upon the actuating member 12 will cause the glove first to slip off the hand, and secondly result in the actuating member riding over

the arms 11, and the lower end of each series to cause an inter-engagement of the same, as in Figure 2, and a corresponding closing on the part of the glove.

8 Thus it will be seen that an extremely convenient form of closure is provided, and that the glove is capable of readily being opened and closed upon the wearer desiring to accomplish these operations, it being noted, in 10 this connection, that the closing of the glove is more complete than has been heretofore practical.

From the foregoing it will be noted that the objects of this invention have been accomplished, and it will be understood that 15 numerous modifications of structure might readily be resorted to without in the least departing from the scope of my claims; which are—

20 1. A closure including in combination an article having an opening therein, a closure member provided with an opening to simulate said article opening, attaching means for removably mounting the closure member 25 on the article, and means carried on the closure member whereby the opening may be closed.

2. A closure including in combination an article having an opening therein, a closure 30 member provided with an opening to simulate said article opening, attaching means for removably mounting the closure member on the article, means carried on the closure member whereby the opening may be closed, 35 said means including a plurality of interengageable elements, and means operable to effect the interengagement of said elements.

3. A glove closure including in combination a glove presenting an opening, a mounting member adapted to be positioned within 40 said opening, means for detachably securing said mounting member to said glove, and closure elements carried by said mounting member.

4. A glove closure including in combination 45 a glove formed with an opening, a closure mounting member adapted to be disposed within said opening, and a plurality of snap fasteners each comprising male and female parts, certain of said parts being 50 disposed adjacent the upper end and lower ends of the glove opening, others of said parts being carried by said mounting member whereby to normally secure said member to said glove. 55

5. A closure including a tongue formed with a slit extending from one of its ends to a point short of its opposite end and quick detachable closure members secured to said 60 tongue adjacent the opposite edges of said slit.

6. A closure including a mounting member presenting a substantially straight body, said body being formed with a slit extending 65 from one of its edges to a point short of its opposite edge, closure elements provided adjacent said slit, and an actuating member for said elements and carried upon said mounting member.

Signed, at New York, in the county of 70 New York and State of New York, this 18th day of August, A. D. 1922.

RALPH H. BINNS.