W. S. SILVERNAIL.

ATTACHMENT MEANS FOR GLOVE FASTENERS.

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1,186,344. Patented June 6, 1916.

Fig. 1

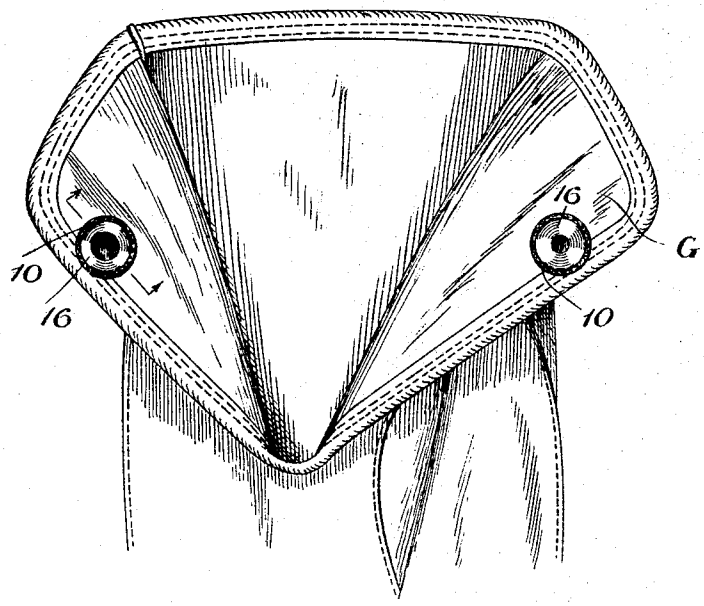


Fig. 2

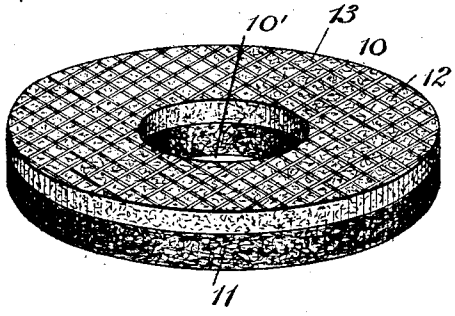
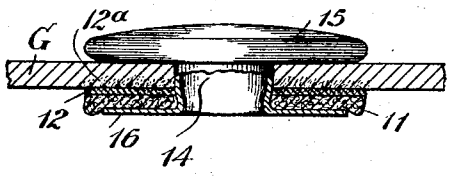


Fig. 3



WITNESSES

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ATTACHMENT MEANS FOR GLOVE-FASTENERS.

1,186,344. Specification of Letters Patent. Patented June 6, 1916.

Application filed February 12, 1914. Serial No. 818,273.

To all whom it may concern:

Be it known that I, WINFIELD S. SILVERNAIL, a citizen of the United States, and a resident of Gloversville, in the county of Fulton and State of New York, have invented a new and Improved Attachment Means for Glove-Fasteners, of which the following is a full, clear, and exact description.

This invention relates to glove fasteners and has particular reference to a novel and efficient means for attaching such fasteners to the gloves.

Among the objects of the invention, more definitely stated, is to provide attachment means in the nature of a washer made of leather, felt or other suitable tough, flexible material, carrying on one face or side thereof a layer of soft glue which renders the washer always ready for immediate application to the leather or textile of the glove, and which soft glue, under the pressure of the fastener which is applied to the glove in any usual manner, serves to secure the washer firmly to the glove, the soft glue under such pressure impregnating the body of the leather or other textile, rendering the whole into a strong, compact mass without interfering with the flexibility.

The foregoing and other objects of the invention will hereinafter be more fully described and claimed and illustrated in the drawings forming a part of this specification in which like characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of the wrist portion of the glove having my improvement applied thereto; Fig. 2 is a perspective view of one of the attachment washers, shown in detail on a large scale; and Fig. 3 is a sectional view showing the relation of the washer to the glove fastener and the effect of the soft glue on the glove textile.

In the manufacture of gloves various devices have been tried to prevent the buttons, snaps or other fasteners, from pulling through or tearing loose from the body of the glove. Prior to this invention, however, any of those devices which had been found otherwise satisfactory have proved to be so expensive as to add seriously to the cost of the manufacture of the gloves. In the practice of this invention I employ washers 10, such as shown in Fig. 2, for the purpose of constituting a reinforcement for the glove stays or fasteners, such washers being of a comparatively cheap construction, and are so easily applied as to add but slightly to the cost of manufacture.

As shown herein, each washer 10 comprises a body 11 of leather, felt or any other suitable tough, strong, flexible material. A layer of soft glue, indicated at 12, is applied to one face of the body 11. Said soft glue is of such a consistency and nature as to more or less impregnate the adjacent surface of the body and thereby insure intimate adhesion thereto. I also prefer to apply to the outer surface of the layer of glue an open mesh fabric, shown at 13, of a nature adapting the washers to be readily handled, either singly or in a large quantity, without annoyance due to the soft glue causing the washers to adhere to the fingers or to one another. The mesh of the fabric 13, however, is large and open enough so as not to interfere with the glue passing therethrough for intimate coöperation with the body of the glove shown at G.

The washers may be formed in any suitable manner and in any desired shape, usually disk shape, to correspond to the size and form of the fasteners, with which they are adapted to be used and through which they are secured to the leather or textile of the glove G. As shown herein, each washer is provided with a central hole 10′ through which the shank 14 of a fastener is passed before the head 15 thereof is secured in position. The base 16 of the fastener coöperates directly with the outer unglued side of the washer body, and during the securing of the fastener to the glove body the soft glue 12 is squeezed firmly into intimate contact with the leather or textile of the glove whereby the glue is caused to pass through the open mesh fabric 13 and more or less into and through the glove fabric, as shown at 12^a, Fig. 3. The diameter of the washer is preferably a little greater than that of the base 16 of the fastener, whereby the tough character of the body 11 will prevent the edge of the base from tending to cut or pull through the glove fabric. The entire disk of glue 12, however, is caused to become secured to the glove body and the combined mass of washer body, glove body and layer of glue become thoroughly intermingled and after a time par-

takes somewhat of the consistency of raw hide, making an attachment means for the fastener which is practically indestructible and which will not, by any means, permit the fastener to cut, tear or otherwise become loose or pull through the glove body.

The washers are made in various sizes to correspond with the various sizes or types of fasteners employed by the many glove manufacturers, and are not only cheaply manufactured but are exceedingly easy to manipulate at the glove factory during the application of the fasteners to the gloves. The glue being soft does not require to be moistened, and because of its soft consistency more thoroughly impregnates the several bodies with which it is associated than any other form of glue or other fastening medium, and renders the glove fastener much more effective and reliable than if the glue were not employed.

I am aware that reinforcement washers of various materials have been made heretofore for other purposes, said washers being provided with hard glue or glue which must be moistened at the time of the application, but this invention is totally different in its manner of application and functions from such prior devices and is to be distinguished therefrom.

While this device is designed especially for use in connection with glove fasteners, and is so used to a large extent, it is to be understood that the spirit of the invention would remain the same if applied to other articles of wearing apparel or other analogous devices. The term "glove" as used in the specification and claims, therefore, is to be given an interpretation broad enough to cover any analogous devices or places where the attachment means may be used.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. The herein described protector for a glove fastener having a metallic base, the same comprising a washer of tough, flexible material for coöperation with the fastener base, said washer including a layer of soft glue on the inner face thereof and constituting a permanent part of the washer as a commercial article.

2. The herein described protector for a glove fastener having a metallic base flange, the same comprising a washer of tough, flexible, fibrous material adapted to coöperate with said base flange and carrying on its opposite face as a permanent part thereof a layer of soft glue which is adapted to cause the washer to adhere closely to the glove body as a result of the pressure due to the application of the fastener to the glove and whereby a portion of the glue becomes impregnated in the glove body.

3. As an article of manufacture, a reinforcement washer for glove fasteners, the same comprising an annular member of tough, flexible, fibrous material carrying on one face a mass of soft glue and a facing of open mesh fabric carried on the outer face of said soft glue.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WINFIELD S. SILVERNAIL.

Witnesses:

WILLIAM A. MACDONALD,

JANE M. PECK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."