(No Model.)

W. F. FOSTER.

GLOVE FASTENING.

No. 437,296. Patented Sept. 30, 1890.

Fig. 1

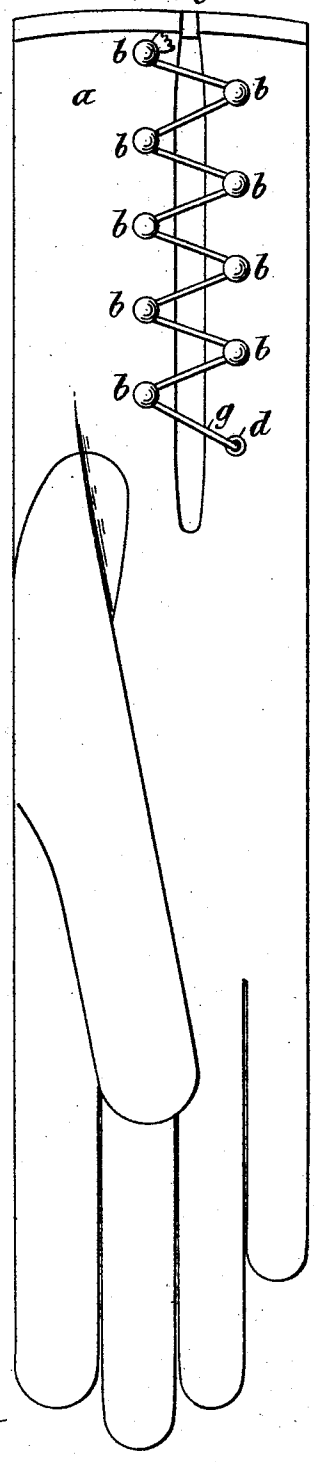


Fig. 2

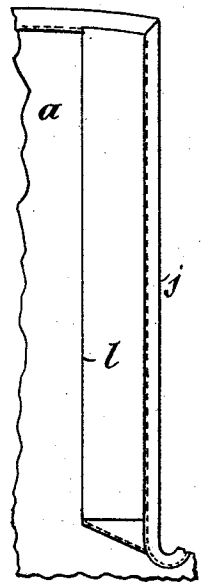


Fig. 3

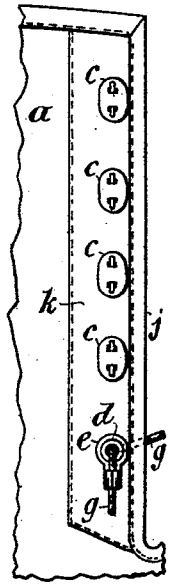


Fig. 4



Fig. 5



Fig. 6.

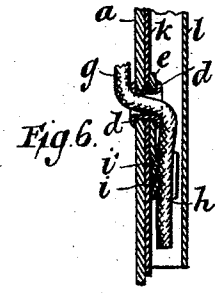


Fig. 8

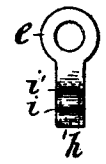
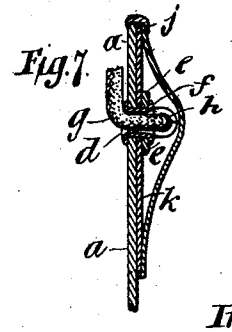


Fig. 7.



Witnesses
Wm. M. Iliff
Fred. Kemper

Inventor
William F. Foster
By his attorneys
Gifford & Brown.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM F. FOSTER, OF NEW YORK, N. Y.

GLOVE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 437,296, dated September 30, 1890.

Application filed February 24, 1890. Serial No. 341,563. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. FOSTER, a subject of the Queen of Great Britain, and residing at the city of New York, have invented a new and useful Improvement in Gloves, of which the following is a specification.

My invention relates to gloves of the same class as the glove described in Letters Patent of the United States, No. 297,980, granted to me May 6, 1884. In gloves of that class the need has long been felt of some means of quickly and firmly attaching the end of the lacing to the glove; and it is the object of my present invention to provide such means.

In the drawings, Figure 1 shows a glove containing my invention. Fig. 2 shows the inside of the glove at one side of the wrist-opening, being the side at which the cord is attached, the attaching means being covered up by the tape. Fig. 3 shows the same as Fig. 2, but with that portion of the tape overlapping the fastenings removed. Fig. 4 shows the form in which the blank is cut which is used in connection with the eyelet for securing the end of the cord. Fig. 5 is an isometric view of the same after it has been bent ready to be applied to the eyelet, and this figure also shows the eyelet as it is in readiness to be combined. Fig. 6 shows an enlarged section through the eyelet and glove and lacing-cord. Fig. 7 is an enlarged section taken at right angles with the section shown in Fig. 6, showing more clearly the arrangement of the tapes. Fig. 8 is a detail showing the corrugations in the plate by which the end of the cord is held.

a is the skin constituting the glove.

b b, &c., are the hooks or studs for engaging with the lacing.

c c, &c., are the plates inside the glove by which the hooks or studs are held in place.

d is the eyelet through which the end of the cord passes inside the glove at the end of one row of hooks. This eyelet may be of ordinary construction, as shown in Fig. 5.

e is an eyelet-plate, which fits over the eyelet inside the glove, and upon which the inner end of the eyelet is clinched, as shown at *f* in Fig. 7.

g is the lacing-cord.

The plate *e*, instead of being as heretofore a simple annulus to hold the end of the eyelet *d*, is extended out on one side, as shown in Fig. 5, and this extension is made in the form of a trough *h*. The plate *e* and its extension *h* are first stamped out of a flat piece of metal, as shown in Fig. 4, and then the edges of the extension are turned up to produce the trough form shown in Fig. 5. The end of the cord *g* is passed from the outside of the glove inward through the eyelet *d* and led into the trough *h*. Then by a suitable tool the edges of the trough are folded over onto the cord and compressed, so as to grip the cord tightly and permanently. The force of this grip may be increased (at the same time indenting the bottom of the trough *h*,) by the transverse corrugations *i i'*.

It will be understood that there are two tapes employed in connection with this fastening, both of which are sewed to the edge of the binder *j*, which extends along the edge of the wrist-opening. One of these tapes *k* is laid next the skin of the glove and extends along under the plate *e* and the various plates *c c*, &c. The other one of these tapes *l* overlaps the end of the cord and all of the fastening devices which appear on the inside of the glove, thus secreting them all and making a good finish.

Having now described the form of device in which I at present prefer to embody my invention, I do not wish to be understood as limiting myself thereto. I am well aware that other means than an eyelet may be employed for securing the grip or clamp *h* in place, and I am also aware that the form of the grip or clamp *h* may be varied without interfering with its function of securely holding the end of the cord.

I claim—

1. In a glove, in combination with the lacing hooks or studs and lacing by which the wrist-opening is closed, a metallic piece located near the end of the wrist-opening and provided with means whereby it may be permanently secured to the glove before the application of the lacing, and also provided with a clamp consisting of a jaw, which may be subsequently closed upon the lacing to permanently secure the lacing in place, substantially as described.

2. In a glove, in combination with the lacing studs or hooks and lacing by which the wrist-opening is closed, an eyelet arranged at the end of the series of hooks or studs, through which eyelet the end of the lacing passes to the inside of the glove, and a clamp placed upon the end of the lacing inside the eyelet and secured to the eyelet, substantially as described.

3. In a glove, in combination with the lacing studs or hooks and lacing by which the wrist-opening is closed, a plate provided with a clamp for securing the end of the lacing, a tape interposed between the plate and the skin of the glove, a tape which covers the clamp, and a binder by which the edges of said two tapes are bound to the edge of the glove at the wrist-opening, substantially as described.

WILLIAM F. FOSTER.

Witnesses:
J. E. GREER,
FRED. S. KEMPER.