

No. 689,558.

Patented Dec. 24, 1901.

E. L. MEYERS.
GAUNTLET.

(Application filed July 16, 1901.)

(No Model.)

Fig. 1.

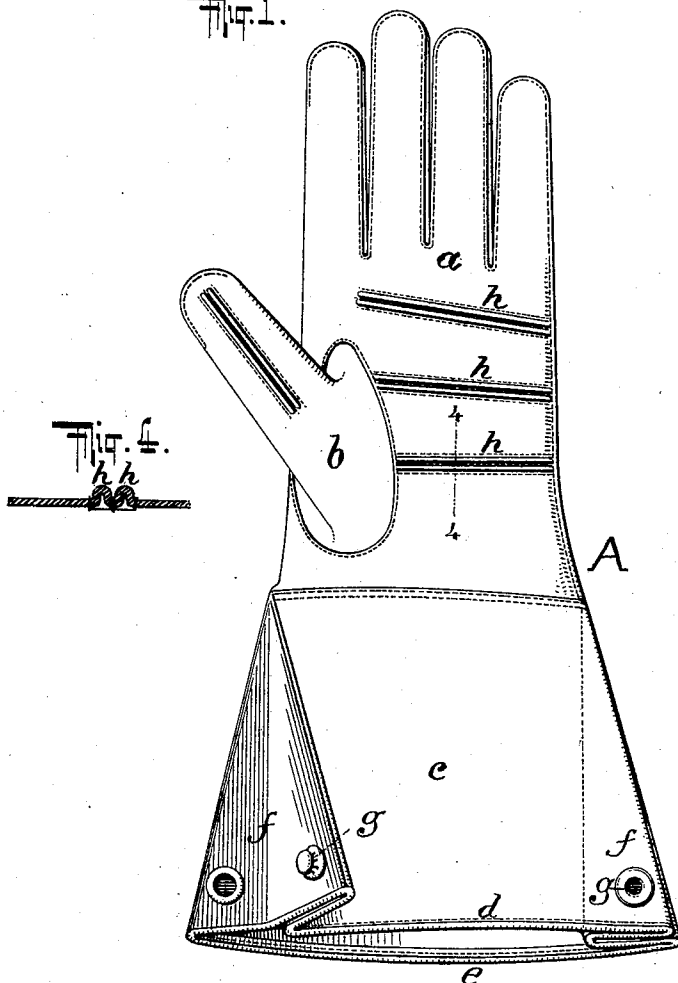


Fig. 4.



Fig. 2.

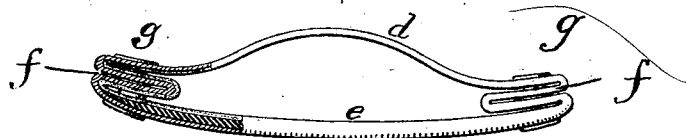
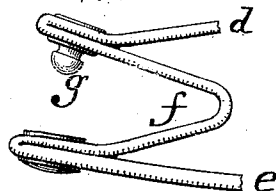


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN L. MEYERS, OF NEW YORK, N. Y.

GAUNTLET.

SPECIFICATION forming part of Letters Patent No. 689,558, dated December 24, 1901.

Application filed July 16, 1901. Serial No. 68,478. (No model.)

To all whom it may concern:

Be it known that I, EDWIN L. MEYERS, a citizen of the United States, residing in the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Gauntlets, of which the following is a specification.

My invention has for its object to construct a gauntlet which shall be particularly adapted to the use of persons operating automobiles and similar vehicles, but which is also useful wherever one has to grasp handles of tools and the like and to move them about.

My invention consists in the features of construction which are hereinafter pointed out and more fully described.

In the accompanying drawings, Figure 1 represents a palm view of my improved gauntlet. Fig. 2 is an end view, partly in section, of the same looking at that end through which the hand is inserted. Fig. 3 is an enlarged end view of one of the gussets represented in Fig. 2, and Fig. 4 is a section on the line 4 4 of Fig. 1.

In the drawings, A represents the gauntlet, which is composed of the finger portion *a*, the thumb *b*, and the cuff portion *c*. All these parts are made of leather or analogous material and joined together in suitable manner.

Referring more particularly to the cuff portion *c*, the same differs from ordinary gauntlets in having that side of it which is in line with the palm made thin and flexible, while the opposite side, the one which is in line with the back of the hand, is made stiff, as usual. Thus in the drawings the letter *d* represents the inner flexible and the letter *e* the outer rigid or stiff side of the cuff portion of the gauntlet. Ordinary gauntlets are made with both sides of the cuff stiff; but those used for operating automobiles and the like should be so constructed that the cuffs hug the arms or sleeve of the operator and prevent dust and the like entering into the cuff. By making the inner side *d* of the cuff flexible this hugging of the arm or sleeve is rendered possible. The stiff part *e*, however, is needed to prevent the entire cuff from wrinkling or gathering in a series of wrinkles at the wrist. Hence it is deemed an important feature of the invention to so construct a gauntlet that

the inner side of the cuff is made flexible and the outer relatively stiff.

Where the two sides *d* and *e* of the gauntlet are joined, I prefer to have gussets *f* with self-fastening clasps *g*, as shown. These gussets allow the cuff portion of the gauntlet to be closed against the arm or sleeve, as shown in Fig. 2, by folding the gussets double after the gauntlet has been drawn over the hand, and they therefore assist in keeping dust and the like from entering the gauntlet. When the garment is to be taken off, the gussets are opened, as indicated at the left-hand side of Fig. 1, thereby producing a larger space for the withdrawal of the hand. The same applies when the garment is to be put on the hand. This feature is of particular value when the operator of the automobile wears a heavy cloak, the sleeves of which are heavy and stiff. In such case the ordinary glove could not be passed over the coat-sleeve; but by reason of the open gussets of my invention a large space is provided for the insertion of the hand and forearm. This space may then be closed up by fastening the gussets. I have shown two sets of gussets, one at each edge; but the gauntlet may be made with one only, or, so far as the feature of flexible inner side *d* is concerned, without any.

Fig. 1 indicates that across the palm of the gauntlet ribs are formed, as at *h*, which are best produced by stitches or in any other equivalent manner. These ribs are also shown in section at Fig. 4. They serve to enable the operator to grasp the handle of the automobile or pull firmly to prevent the hand from slipping thereon. I am aware that gloves have been heretofore provided with projecting ribs along the fingers; but they required a large number of ribs, not less than two for each finger, and considerable outlay of expense, and, moreover, when the fingers were ribbed it was very difficult to so cut the material as to produce a good fit. By the simple expedient of putting two or more ribs across the palm of a glove or gauntlet the result of preventing slipping on the object which the hand grasps is attained by much more simple and economical means, and, moreover, the grasping devices—to wit, the ribs *h*—are placed where they are most

needed. These transverse ribs extend across the palm portion of the glove, and those of them which are adjacent to the thumb *b* are extended only to the seam which unites the thumb with the body of the glove, thus leaving the thumb free of transverse ribs.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

10 1. A gauntlet whose cuff portion *c* is made with flexible inner side *d* and stiff outer side *e* and which is provided with the folding gusset *f* at each edge, substantially as and for the purposes specified.

15 2. A gauntlet provided with a cuff the outer portion or back of which is made of stiffer material than the inner portion or bottom.

3. A gauntlet provided with a cuff having an inner portion or bottom, an outer portion or back, and gussets or folds having a plurality of layers between said bottom and back and extending inward from the outer edges of said bottom and back.

4. A gauntlet provided with a cuff having

an inner portion or bottom, an outer portion or back, and gussets or folds extending inwardly from the side edges of the bottom and back, and provided with a plurality of layers between said bottom and back, and fastening devices for connecting said folds with the inner and outer portions of the gauntlet.

5. A gauntlet provided with a cuff having an inner portion, an outer portion, gussets or folds, the edges of which are permanently connected with those of said inner and outer portions, and fastening devices for connecting said folds with the inner and outer portions at a distance from their edges.

6. A glove or gauntlet having a body, a thumb united thereto, and ribs placed across the palm portion of the body, sundry of the said ribs terminating at the junction-seam of the thumb with the body.

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Witnesses:

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