

Oct. 7, 1941.

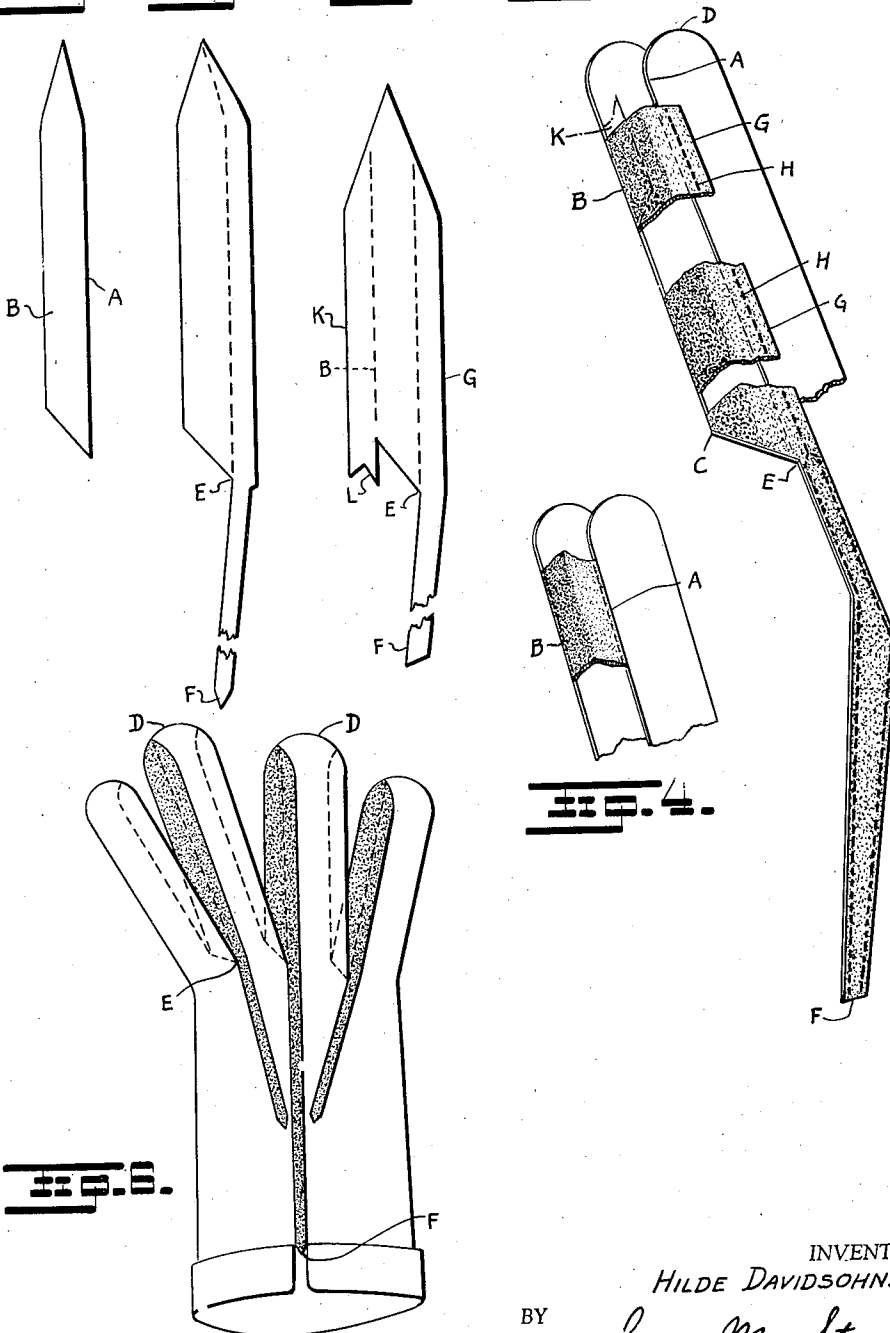
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2,257,939

GLOVE

Filed Feb. 10, 1938

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2,257,939

GLOVE

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Application February 10, 1938, Serial No. 189,811

In France January 17, 1938

6 Claims. (Cl. 2—169)

This invention relates to an improvement in the parts joining the two tongue-shaped half sections of a glove finger, which parts are conventionally called fourchettes, and to their use in the process of manufacturing gloves.

In the course of manufacture it concerns seaming together a folded part so as to form the back and front of a glove, or two separate pieces of fabric, leather or other material, cut to the shape of the hand, the one representing the front, the other the back, but interposing fourchettes of corresponding width for giving body to the fingers.

Usually in gloves, the thumb is cut separately, inserted and seamed to the body of the glove.

Heretofore, the fourchettes, whether cut finger by finger or cut in pairs on a common base, only provided the width of the finger itself. Under these conditions the parts to be joined, viz., each side of the fourchette and each tongue shaped half-section of a glove finger were only sewn together at the extreme edge of the leather or fabric. On the other hand it is known that in the majority of cases a glove has to be discarded not because of the wear and tear of the material itself, but because of the tearing at the seams, especially those of the fourchettes. Indeed, several seams meet at the crotch; moreover, movement of the fingers strain here more than elsewhere. It is important that account should be taken of each user's habit of pulling on the glove and exerting force between the fingers to adjust the glove fully into place.

To overcome this drawback and in accordance with this invention, the fourchettes, instead of being cut to the exact width of the fingers themselves, are cut much wider from the crotch line towards the tip, and an overlay is provided extending beyond the finger in the opposite direction, even to the whole length of the glove, if required. It is therefore an object of this invention to provide in a glove a fourchette or a plurality thereof projecting in one direction from the crotch thereof on at least one side edge of its adjacent finger part and in another direction from said crotch toward the wrist or intermediate portion of the glove located between the fingers and the wrist, whereby a strip-like piece is formed, part of which superposes said adjacent finger part and extends toward said wrist over said intermediate portion.

It is another object of this invention to provide reinforcing means at the finger crotch by enlarging and extending the fourchette of the glove beyond the finger crotch and sewing the

overlapping parts of such formed fourchette to the glove body.

It is another object of this invention to form the fourchettes of a plurality of parts which may be sewn together.

With the foregoing and other objects, advantages and features in mind, the invention resides in the novel form and arrangement such as is illustrated in an exemplary manner in the accompanying drawing in which for the purpose of comparison is also shown a prior form of the fourchette structure.

In the drawing:

Fig. 1 shows a pattern view of an old and well-known fourchette structure;

Figs. 2 and 3 are views illustrating the shapes of two different patterns of fourchettes;

Fig. 4 shows two tongue-shaped half sections of a finger of a glove;

Fig. 5 illustrates the insertion of a fourchette at a finger part of a glove;

Fig. 6 shows a glove provided with fourchettes in accordance with the invention.

Referring now to the drawing in greater detail there is shown in Fig. 1 a fourchette of the conventional type having the lateral edges A and B, whereas Figs. 2 and 3 show pattern views of respective fourchettes made in accordance with the invention. The form of the conventional shape of fourchettes is indicated by dotted lines.

In Fig. 2 the portion D, E, F of the fourchette forms the enlargement and extension beyond the crotch point E, whereas in Fig. 3 the enlargement and extension is shown at either side of the fourchette of the well-known type indicated by the dotted lines.

Thus cut, the fourchette may be lapped over the front or back, and the tongue shaped half-section of the glove finger, and seamed thereto from the extreme edge A—E (Fig. 5) and with sufficient allowance G—H (Fig. 5) for avoiding tearing of said edge when using the glove.

If cut still wider K—G (Figs. 3 and 5) it may also be lapped over both the front and the back finger sections with equal ease in seaming away from the edge BC (Fig. 5).

Moreover, the extra length beyond the finger, when overlapped and sewn on to the body of the glove E—F, forms on the one hand, a reinforcing means offering resistance to sharp stretching by the user, and, on the other hand, a decorative means adding ornamentation to the glove.

The thus extended and enlarged fourchette can cover a considerable part of its tongue-shaped

finger section with which it forms the finger, thus protecting it. Particularly workers' gloves often wear at a certain finger only. By extending and enlarging the fourchette of this finger, it can be completely covered and thus offer longer wear.

The fourchettes described here are preferably cut out of one piece, but it is possible to cut them into two or more pieces and to obtain the specified results by sewing the pieces together in any suitable way.

Two tongue-shaped half sections of a finger (front and back), and their joining together by inserting a fourchette in the conventional way, necessitating edge to edge seam are shown in Fig. 4. Fig. 5 illustrates how a wider fourchette in accordance with this invention overlaps the front and back of the finger part and further the back part of the glove only, a seam G being thus arranged at a distance from the edge as desired. In E-F the extension of the fourchette sewn on to the glove body, at the same time reinforces the latter when putting on the gloves, and forms a decorative means which is variable at will.

A glove incorporating the invention is shown in Fig. 6 having three ordinary fourchettes and three fourchettes made according to this invention.

The invention can be brought out in various forms, for example, the fourchettes made according to this invention, may be utilized if desired together with fourchettes of the conventional type (Fig. 6). Because of their location, design, their manner of utilization and the way they are extended towards the cuff or wrist of the glove, various designs may be produced to enhance and embellish the appearance of the glove, and finally results in obtaining gloves which although of different appearance have a common mark of distinction over conventional gloves because they embody the same principle and disposition of the fourchettes.

While of simple concept, changes of immaterial natures may well be made in the structure as herein disclosed. It is therefore contemplated to include such variations as may fall within the spirit and scope of the invention as herein-after claimed.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. A glove comprising a body portion, tongue-shaped finger parts, and a plurality of pairs of fourchettes secured thereto, at least one of two adjacent fourchettes being relatively wider and longer than its adjacent fourchette and with respect to the crotch therebetween, said one

fourchette being provided with an edge attached to its adjacent finger part and extending therefrom to a predetermined point on the back of said body portion.

2. A glove comprising a body portion, tongue-shaped finger parts, and a plurality of pairs of fourchettes secured thereto, at least one of two adjacent fourchettes being relatively wider and longer than the other of said adjacent fourchettes and with respect to the crotch therebetween, said one fourchette being provided with an edge lying contiguous to an edge of its adjacent finger part and extending therefrom to a predetermined point on the back of said body portion, said fourchette edge forming a trimming and extending in substantial lengthwise direction of said body portion.

3. A glove comprising a body portion, tongue-shaped finger parts extending from said body portion and a plurality of pairs of fourchettes, at least one of each two adjacent fourchettes extending in widthwise and lengthwise directions beyond its finger crotch to its adjacent finger part and on the back of said body portion.

4. A glove comprising a main portion including wrist and finger parts, and at least one fourchette, said fourchette being of such size as to laterally overlap at least one side of an adjacent finger part and to extend beyond the crotch toward said wrist, whereby a strip-like piece is provided running substantially lengthwise of said finger part and extending over said wrist.

5. A glove comprising finger parts and side edges thereon, wrist, an intermediate body portion between said finger parts and said wrist, and a plurality of pairs of fourchettes connected with said side edges of said finger parts, at least one of two adjacent fourchettes being provided at at least one side edge thereof with an extension running in lengthwise and widthwise directions with respect to an end of the crotch line of the adjacent finger part whereby said extension is attached to the adjacent side edge of said finger part and prolongs therefrom toward said wrist and overlaps said portion.

6. A glove comprising a main body including a wrist portion, finger parts extending from said main body, and a plurality of pairs of fourchettes, at least one of each two adjacent fourchettes projecting beyond its finger crotch in one direction and joining with its edge an adjacent edge of its adjacent finger part and in another direction toward said wrist portion overlapping said main body and being fixed thereto.

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