

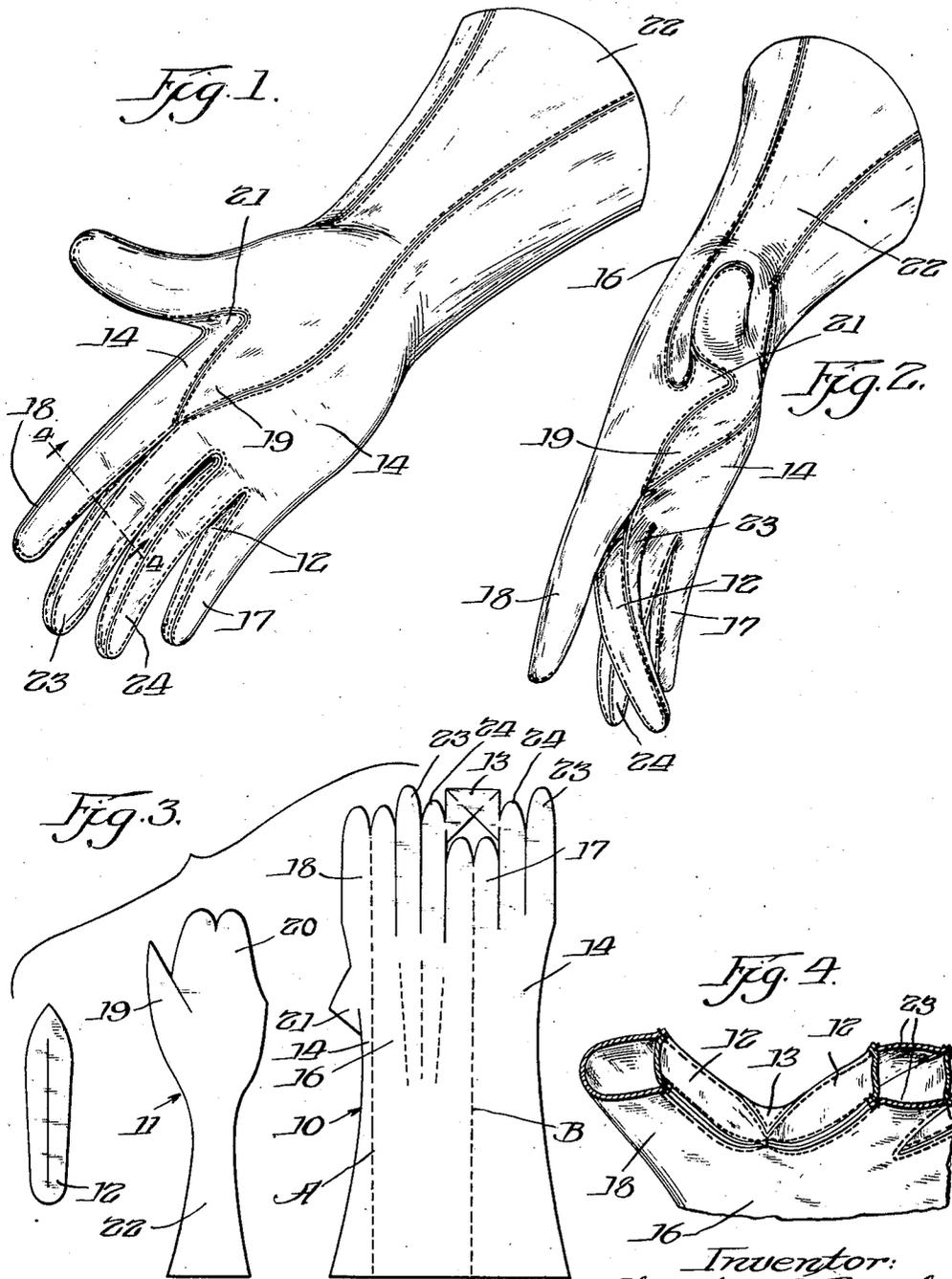
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C. J. FRANZL

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GLOVE

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Inventor:
Christian Franzl

By McLaughlin & Wallenstein

Attys.

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GLOVE.

Christian J. Franzl, Miami, Fla.

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My invention relates to a novel glove and pattern therefor.

Its principal object is the provision of an improved glove adapted either for general or dress wear.

Another object is the provision of a glove which will fit the hand better than gloves now available and which has other advantages from the standpoint of manufacture and use, as will be pointed out.

In the drawing, where I show one embodiment of my invention in the form of a gauntlet type of glove,

Fig. 1 is a perspective view looking at the palm of the glove and showing features of construction;

Fig. 2 is a similar view of the same glove with the hand rotated to show a portion of the back and the construction along the line of the index finger;

Fig. 3 is a composite view showing the pattern for the glove of Fig. 1 laid out preliminarily to being stitched together; and

Fig. 4 is an enlarged sectional view on the line 4—4 of Fig. 1, looking in the direction of the arrows, the view being partially in perspective to illustrate structural features.

In accordance with the main features of my invention, I produce a glove which eliminates entirely a seam at the outside of both the little finger and index finger, and at the sides of the main body portion of the glove comprising extensions of the little finger and index finger but, nevertheless, produce a glove which fits the hand snugly but comfortably. A single pattern or trunk produces the back and a major portion of the palm, including the back and palm portions of the fingers. The finger structure is completed by the use of a usual type of fourchette, while the palm portion is completed by a thumb pattern comprising the principal portion of the thumb, an insert or gusset extending to a point between the middle and index finger, and an extension running to and including the wrist portion. A quirk or gusset forming a part of the thumb may be a part of the main pattern.

My invention is adapted for the production of various styles and types of gloves, including linings, as will be more fully pointed out. For convenience in showing the features of the invention, however, a ladies' dress glove, having a gauntlet wrist, has been illustrated in the drawing.

Looking now to the drawing, the main patterns comprise a palm and back pattern or trunk,

indicated generally by the reference character 10, and a thumb pattern indicated generally by the reference character 11 (see Fig. 3). Auxiliary small patterns, such as fourchettes, quirks, and the like, may be separately produced, or may be formed as a part of the pattern in laying the same out, depending upon the design of the glove. I show, in Fig. 3, a pattern 12 for a fourchette. The pattern 10, as shown, includes small gussets or quirks 13, but my invention is particularly concerned with the remaining portions of the pattern 10 and its association with the pattern 11 in the finished glove. In describing the completed glove, I shall, for convenience, and so far as possible, mark the patterns with the same reference characters as those employed in identifying the finished product.

The glove comprises a palm portion 14 and a back portion 16. In forming the palm and back portions, the pattern 10 is folded along the dotted lines A and B, which lines do not appear on the pattern per se but have been added in the drawing only for the purpose of more clearly identifying the structure. It will be seen, therefore, that the back portion 16 is continuous and without seam, comprising as it does a panel between the dotted lines A and B, while the palm portion comprises opposite sides of the pattern lying to the left and to the right of said panel, as the pattern appears in Fig. 3. The little finger 17 is, therefore, without a seam at the outside edge, and the index finger 18 is without a seam at its outside edge. Furthermore, the sections of the main pattern portion identified by the dotted lines A and B, appearing as they do in the completed glove at the outside of the main body portion of the glove between the back and palm portion, the sides of the glove are also without seams. The seams, therefore, appear only between the fingers and along the palm portion.

The thumb pattern 11 has a side extension 19, which, in the completed glove, forms a gusset or extension 19 as appearing in both Figs. 1 and 2. This gusset or extension 19 in the completed glove extends to a point between the middle and index finger, and the stitching holding the two patterns together at this point extends down to and forms a continuation of the stitching along the sides of the fingers. The thumb pattern 11 also includes a thumb portion 20 comprising, when sewed together, the main body of the thumb, but a gusset or quirk 21, which may be formed with the pattern 10, functions to complete the thumb assembly of the finished glove. A portion 22 of the thumb pattern 11 extends up

to and includes the wrist portion, the remaining portion of the wrist being formed of the material comprising the pattern 10.

The principal features of my invention comprise that portion of the glove described, including particularly the relationship to the thumb pattern and main pattern portions of the glove. The remaining portions of the construction may be substantially conventional. The middle finger has its front and back formed from the portions 23 of the pattern, and the fourth finger from the portions 24 of the pattern. The pattern 12 is utilized to form fourchettes, indicated also by the reference character 12 in Fig. 4, and the gussets or quirks 13 are utilized between the fingers in the manner shown in Fig. 4.

It will be seen that, instead of employing a pattern which is folded on itself substantially at a center line to produce a glove having a seam running along one edge separating the palm and back as in the conventional glove, I utilize a pattern which is folded along two lines, and join the sections of the pattern together at the palm, utilizing the wrist and thumb pattern entirely at the palm, including the extension thereof up to and including the wrist. The pattern is sewed together along a line comprising substantially a continuation of a point falling between the index finger and middle finger of the hand.

I obtain several very distinct advantages by the construction of my invention. Two advantages which may properly be considered together are a saving in material and a better fit. It will be noted that the pattern 10 is almost rectangular and, in a glove which does not have the feature of the flaring gauntlet wrist, this substantially rectangular shape of the pattern is accentuated. Because there are no seams at the sides of the glove, and because of the form fitting character of the thumb and trunk, a much better fit results at these two places. The thumb pattern 11 may be shaped to modify the fit of the glove, it being obvious that, where in the ordinary glove the fit depends upon supplying more or less material transversely of the palm and back patterns, I introduce additional material by proper design of the thumb pattern which, in a way, fits into the design like a gusset to produce additional material and room where needed without depending upon stretching of the leather or other material of which the glove is made. Leather, like all materials, has a certain amount of stretch, and, in the production of gloves, the stretch in the leather extends transversely of the glove rather than longitudinally. The usual design of gloves results as a rule in greater stretch at certain portions of the glove than at other portions. My pattern makes it possible to shape the thumb pattern and contiguous edges of the main pattern so that the glove will fit much more accurately to the hand, with the result that the amount of stretch to which the glove is subjected is substantially uniform proportionately throughout the glove. This avoids a common fault in many gloves of having them fit too loosely in some places and too tightly in other places.

A further advantage of my construction is that there is less sewing by the use of my pattern than with conventional patterns and the sewing is more easily accomplished. As a consequence, there is less possibility of ripping. Ripping is further prevented in the glove of my invention due to the location of the seams.

A still further advantage results from the appearance obtained by having no seams at the sides

of the glove. The seams appear at the palm part of the glove, the part which is least seen when the gloves are being worn. I might add that those employing the gloves of my invention for driving have expressed a preference for them due to the fact that the driver was able to grip the steering wheel of the automobile in a better way due to the fact that the seams occurred at the point where the wheel was gripped.

My invention may be employed with many different types of material, including the usual leather, fabric and cloth materials employed for gloves. Very definite advantages are also obtained by employing the same construction for linings. The invention may be used for men's, women's and children's gloves, and it may be employed on different types of gloves, such as gloves of the slip-on style, with a loose wrist, gloves with button tops, mousquetaires, and the like. When the invention is employed with a glove of the button type, the separation along the button line may be made at one of the seams comprising the edge of the wrist portion 22 of the thumb pattern, although a separate opening for this purpose may be utilized, depending upon the particular design of the upper portion of the pattern.

I have described one embodiment of my invention in detail, in order that those skilled in the art may practice the same, and pointed out that the invention can be employed with different styles of gloves as well as for linings of gloves. Any modified style may require modifications in the pattern which I believe should be obvious to those skilled in the art, while still utilizing, however, the novel features particularly described herein. I wish to point out, however, that instead of gusseted fourchettes, regular so-called "shoulder fourchettes" may be used. It is obvious, also, that instead of employing a single piece trunk and single piece thumb pattern, I may produce these portions of the glove in two or more pieces, and sew them together before "setting the thumb" in the glove. Piecing patterns is sometimes resorted to in the trade to utilize smaller pieces of leather, but because of the characteristics of my glove, this practice should not be necessary and ordinarily should not be used.

The novel features of the invention are defined in the appended claims, and, where I refer to gloves, it is understood that I mean to include usual types of gloves, including linings therefor, with which my invention may be employed. A practice has been growing of selling gloves cut on patterns designed by a glove house to private users (such as individuals) to sew at home, or to individuals who make a business of hand sewing the gloves and selling them to a select trade as hand made gloves. For this reason I intend that the claims of my patent, when issued, shall apply to gloves covered thereby whether sewed or merely cut preparatory to sewing.

While I have illustrated and described preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention.

What I claim as new and desire to protect by Letters Patent of the United States is:

1. In a glove of the character described, a pattern comprising integral back and palm portions, including back and front finger portions, said pattern having a portion extending from back to front at the index finger, sides of the glove at

the little finger and index finger being seamless, and a thumb pattern insert comprising a thumb portion, said thumb pattern having a portion extending to a crotch at the fingers, a portion extending to and including a wrist portion joining portions of said first-mentioned back and palm portions, and a portion stitched to form a thumb.

2. A glove comprising a single-piece palm and back portion, a center panel comprising the back portion and portions at the sides thereof forming the palm portion, whereby there is no seam at sides of the glove, and a thumb portion comprising a portion sewed together to form a thumb, a portion extending to a crotch between the index and middle fingers to form a gusset in the palm, and a portion extending up to and including the wrist portion and joining together edges of said single piece back and palm pattern.

3. A glove comprising a single-piece palm and back portion, a center panel comprising the back and sides thereof forming the palm, and a thumb portion sewed to sides of said palm and back portion from a point at the crotch between the index and middle fingers, said thumb portion having a portion sewed together to form a thumb.

4. A glove formed of two main patterns and required fourchettes and quirks, one main pattern comprising a single piece palm and back portion with integral front and back finger portions, the said pattern having a back panel with one side portion foldable to produce a front index finger portion, and another side portion foldable to produce a front portion for the remaining three fingers and a portion of the palm, and

another main pattern comprising a single piece thumb portion comprising front and back thumb pieces, an integral triangular gusset extendible down to a crotch between the index and middle fingers to form a part of the palm, and a portion extending upwardly and disposed between opposite edges of the said first mentioned pattern comprising a palm and back portion, contiguous edges of said patterns and parts thereof being sewed together with inserted fourchettes and quirks to form a completed glove.

5. A glove formed of two main patterns and required fourchettes and quirks, one main pattern comprising a single piece palm and back portion with integral front and back finger portions, the said pattern having a back panel with one side portion foldable to produce a front index finger portion, and another side portion foldable to produce a front portion for the remaining three fingers and a portion of the palm, and another main pattern comprising a single piece thumb portion comprising front and back thumb pieces, an integral triangular gusset extendible down to a crotch between the index and middle fingers to form a part of the palm, a portion extending upwardly and disposed between opposite edges of the said first-mentioned pattern comprising a palm and back portion, contiguous edges of said patterns and parts thereof being sewed together with inserted fourchettes and quirks to form a completed glove, and seams between the index and middle fingers being joined to seams connecting said thumb portion gusset and the front and back pattern portion.

CHRISTIAN J. FRANZL.