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REVERSIBLE GLOVE

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Fig. 1.

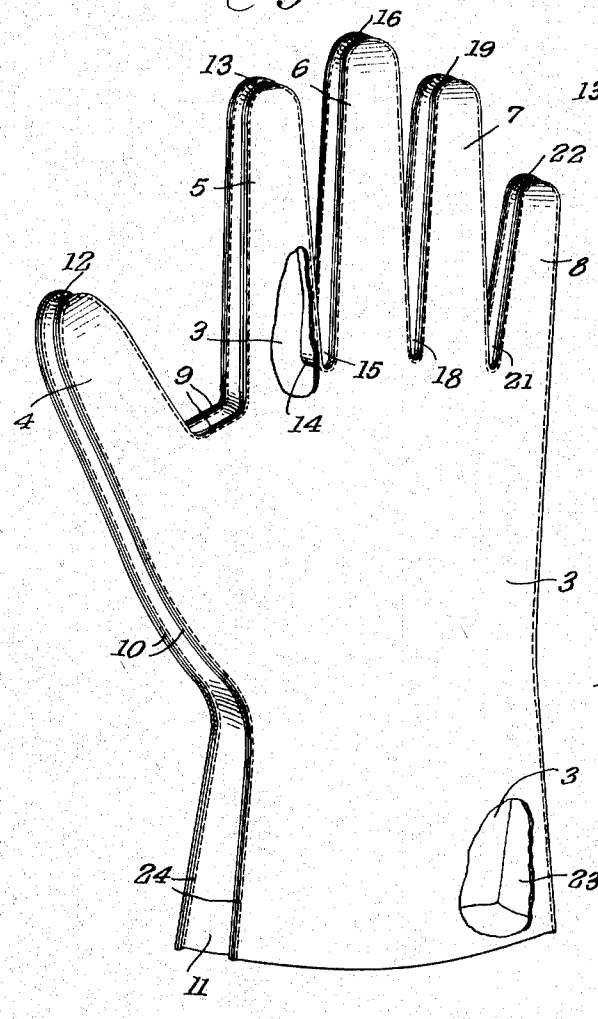
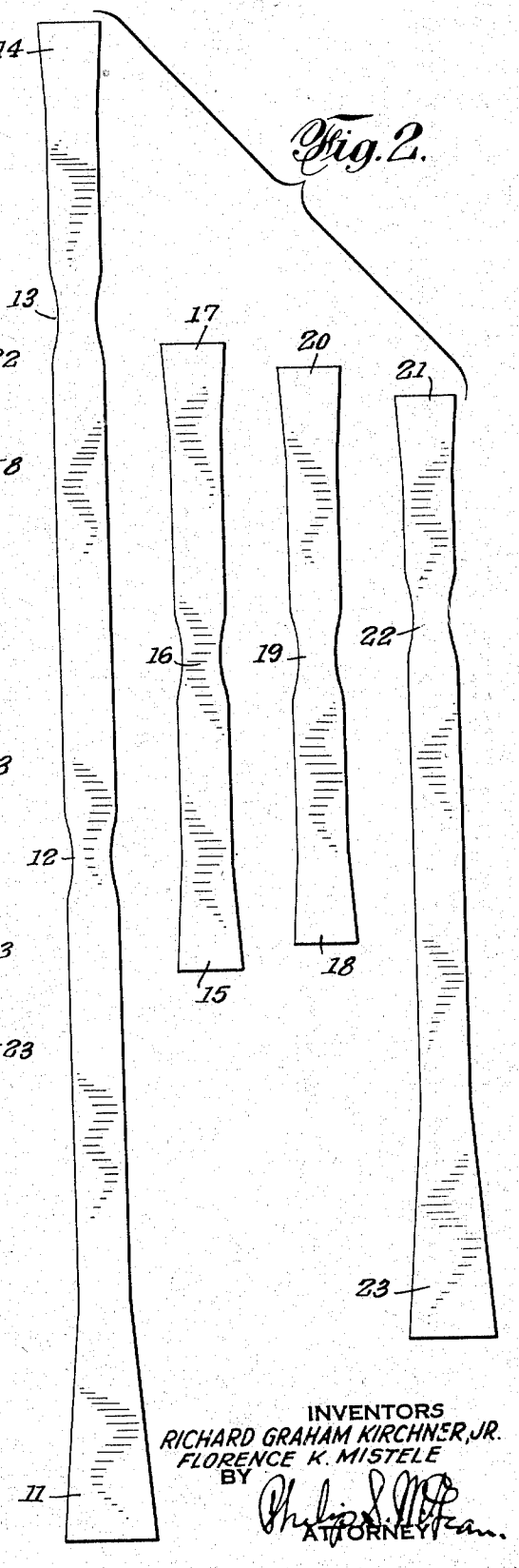


Fig. 2.



INVENTORS
RICHARD GRAHAM KIRCHNER, JR.
FLORENCE K. MISTELE
BY
ATTORNEY

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REVERSIBLE GLOVE

Richard Graham Kirchner, Jr., Princeton, N. J., and Florence K. Mistele, Waterloo, Ontario, Canada

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4 Claims. (Cl. 2—159)

The invention herein disclosed relates to gloves of the type which can be worn on either hand, generally known as "reversible."

Reversible gloves heretofore manufactured have had certain faults, particularly in that to allow necessary finger action they had to be made extra large and so, more or less clumsy. While such faults were not necessarily objectionable in work gloves, they were such as to prevent adoption of such constructions for dress or business gloves.

Objects of this invention are to provide a fully reversible glove, which will be free of objections such as noted and which while having desirable fitting characteristics will be comfortable and allow full freedom of the thumb and fingers when worn on either hand.

Other objects of the invention are to reduce the cost of production and to simplify the assembly.

All the foregoing and other desirable objects are attained in the present invention, by the novel features of construction, combination and relation of parts as hereinafter described, illustrated in the accompanying drawing and broadly covered in the claims.

In the drawing, one simple practical embodiment of the invention is illustrated. The structure however may be modified and changed as regards this particular illustration, all within the true intent and broad scope of the invention as herein defined and claimed.

Fig. 1 is a perspective view of one of the gloves.

Fig. 2 is a plan view of the fourchettes used in that glove.

One special feature of the invention is that the hand covering parts **3**, **3**, are absolute duplicates, so that they can both be cut from the same die. This is of great advantage in die costs and in handling and assembling.

The hand covering parts or blanks are of special novel design in that the thum portion **4**, and finger portions **5**, **6**, **7** and **8**, are all integral and generally conform to and are arranged according to the characteristics of the outstretched, relaxed hand. Thus the finger portions are cut on tapering radiating lines and the thumb portion is separated from the first finger portion by a greater distance and greater divergent angle than adjoining finger portions. Also the thumb portion **4**, is connected at the inside with the base of the index finger portion **5**, by a web or bridging portion **9**, substantially transverse to both the inside line of the thumb portion and the inside line of the index portion. This transversely extending portion corresponds generally, in position to the fleshy web between the base of the thumb and the palm of the hand.

A further feature of the complete hand covering blank is that there is provided at the outside of the thumb portion, below the transverse connecting portion at the inside, an outward swelling or enlargement at **10**, to accommodate and allow for freedom of the basal thumb joint.

The duplicate hand blanks, in the present illustration, are connected by four fourchettes of special novel construction.

The thumb and index finger fourchette, appearing at the left in Fig. 2, has a widened lower end **11**, to provide desirable fullness at the wrist portion of the glove, reduced width at **12**, and **13**, to bring opposing portions closer together at the tips of the thumb and index finger and a widened end **14**, in the crotch between the first and second fingers.

The second fourchette, Fig. 2, has a widened end **15**, secured to the widened end of the first fourchette, and intermediate portion of reduced width **16**, where it passes around the tip of the second finger and a widened end **17**, in between the second and third finger portions.

The third fourchette, Fig. 2, is shown as slightly smaller but otherwise similar to the second fourchette, having a widened end **18**, secured to the widened end **17**, of the second fourchette, a narrowed intermediate portion **19**, connecting the tips of the two finger portions **7**, and a widened end **20**, between the third and fourth finger portions.

The fourth fourchette, Fig. 2, is shown as having a widened end **21**, connected with the widened end **20**, of the preceding fourchette, a narrowed portion **22**, connecting the tips of the little finger portions **8**, and a belled or widened lower end **23**, connecting the wrist portions of the hand covers, at the opposite side of the glove.

While possible to make the fourchette all in one continuous strip, or to join two or more of the fourchettes as an integral piece, it is for manufacturing purposes usually found desirable to make the fourchettes as shown in four separate pieces. Also while usually desirable to extend the first fourchette from the wrist about the thumb and thence about the first finger, it is possible to stop the first fourchette between the thumb and index finger. In such case, a separate fourchette may be provided for the index finger, or such fourchette may be a part of the succeeding fourchette. Various combinations may thus be employed, but in all instances, preferably the fourchettes are cut with widened ends

and any intermediate connections between the fourchettes are made at these widened ends, which are located in the crotches between the fingers.

The fourchettes are indicated as secured at their marginal edges to the marginal edges of the two hand covering members by lines of stitching 24, which may be the same for both sides of the glove. Thus operations as well as parts may be actually duplicated.

The flare provided by the widening of the ends 11, 23, of the two long fourchettes, enables the glove to be readily slipped onto either hand and to be easily removed. The bulge or fullness 10, at the outer side of the thumb portion provides freedom for the large joint of the thumb and forms a pocket for such joint and by which the glove, though fairly loose fitting, is held in proper position on the hand.

The transverse connection at 9, between the thumb and forefinger portions provides a web of material which permits the thumb to drop down into its normal position, inside or below the palm of the hand, and this, regardless of which hand the glove is worn on. The thumb is thus free to swing up and down in respect to the palm of the hand, a very desirable condition, which has not been met in prior constructions of reversible gloves.

The flared or widened ends of the fourchettes, located as they are in the connections between adjoining fingers, allow full finger freedom, also irrespective of the hand on which the glove is worn.

The invention makes possible reversible gloves having the desirable attributes of fit and appearance, as well as comfort and the freedom for normal free action of the thumb and fingers. Under the invention therefore, gloves may be made for dress and business purposes, as well as simple work gloves, where matters of appearance and fit are not so important.

The opposing hand covers being each all in one piece and alike, can be cut with the same die, so that only one die is needed for each glove size, a very appreciable advantage over prior constructions, requiring separate palm and back blanks and in which the fingers of the back blanks are usually cut deeper or different from the fingers of the palm blanks. The gloves may be made of leather or various fabrics, according to the uses or purposes for which they are intended.

What is claimed is:

1. A reversible glove, comprising oppositely disposed duplicate hand covering blanks having integral thumb and finger covering portions, said thumb covering portions being connected with the index finger portions by substantially straight portions which are substantially transverse to the adjoining edges of said thumb and index finger portions, a connecting fourchette between said duplicate parts extending from the wrist of the blanks at one side around the thumb and around the first finger portions, a second fourchette extending from the end of said first fourchette between the first and second fingers around the second finger portions, a third fourchette extending from the second fourchette around the third finger and a fourth fourchette extending from the end of said third fourchette around the fourth finger and to the other side of the wrist portion of the blanks, stitching securing the ends of the fourchettes together and seaming the opposite edges of said fourchettes to opposite marginal portions of said duplicate hand blanks.

2. A reversible glove, comprising opposed like hand blanks, each having integral thumb and finger covering portions, said thumb covering portions being connected with the adjoining index finger portions by substantially straight portions extending substantially transversely in relation to the adjoining edges of said thumb and index finger portions and fourchette means connecting said thumb and finger portions of said blanks.

3. A reversible glove, comprising opposed like hand blanks, each having integral thumb and finger covering portions, said thumb covering portions being connected with the adjoining index finger portions by substantially straight portions extending substantially transversely in relation to the adjoining edges of said thumb and index finger portions and said thumb portions being outwardly bulged at their outer edges in line with the large joint of the thumb to form a pocket for the latter and fourchette means connecting said thumb and finger portions of said blanks.

4. A reversible glove, comprising opposed like blanks, each having integral divergent thumb and finger portions, said thumb portions being divergent at a greater angle than said finger portions and connected with the adjoining index finger portions by substantially straight edges substantially transverse to the adjoining edges of said thumb and finger portions and fourchette means connecting said thumb and finger portions and said substantially straight intermediate edges between said thumb and finger portions.

RICHARD GRAHAM KIRCHNER, JR.
FLORENCE K. MISTELE.