Sept. 16, 1941. H. N. GITT, 2D 2,256,427

WELDER'S HAND COVERING

Filed April 18, 1940 2 Sheets-Sheet 1

Fig. 1.

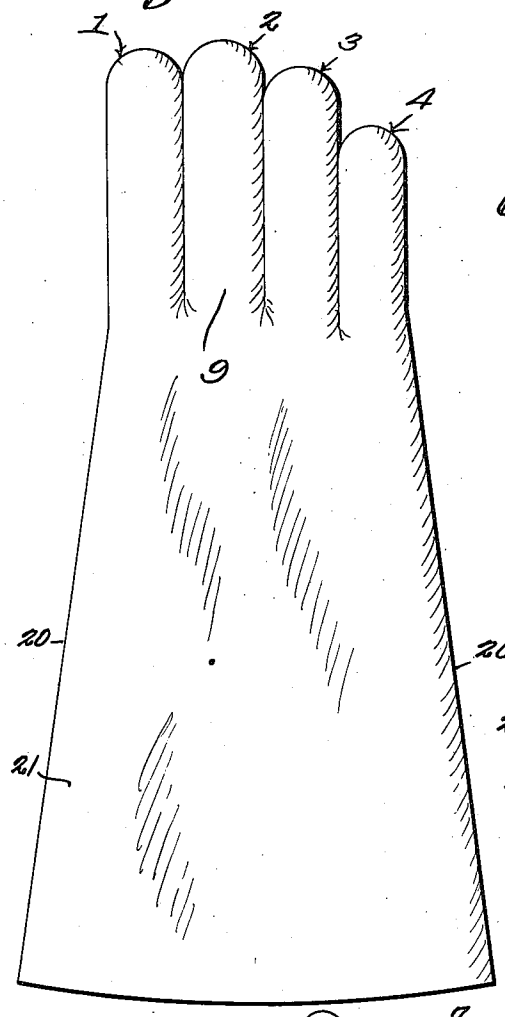


Fig. 2.

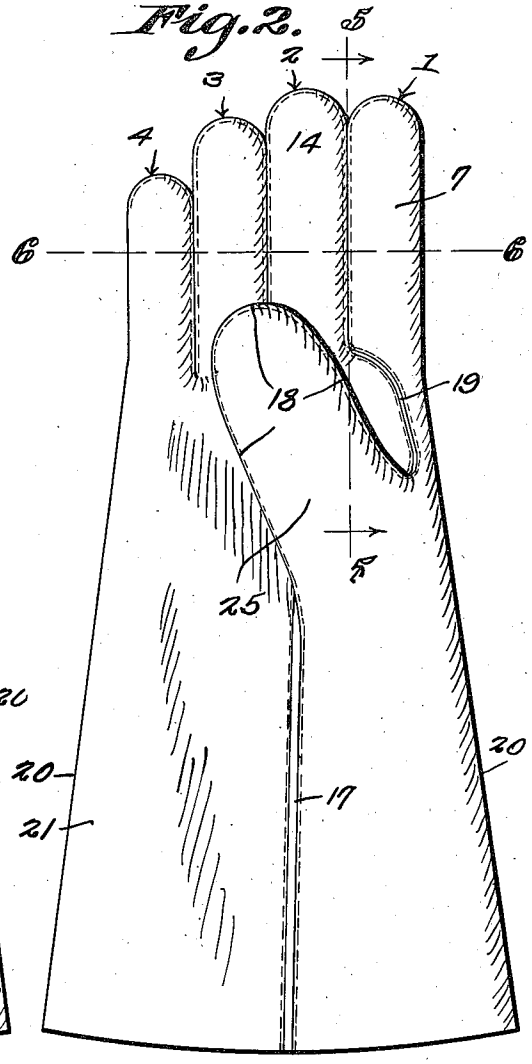
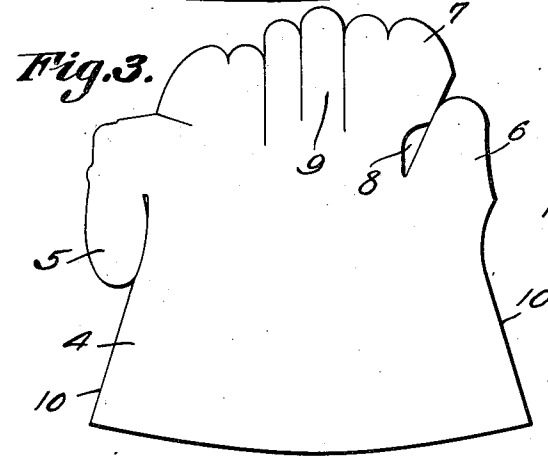


Fig. 3.



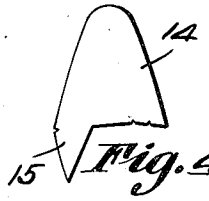


Fig. 4.

H. N. Gitt 2nd.
INVENTOR.

BY Albert & Co.
ATTORNEYS.

Sept. 16, 1941. H. N. GITT, 2D 2,256,427

WELDER'S HAND COVERING

Filed April 18, 1940 2 Sheets-Sheet 2

Fig. 5.

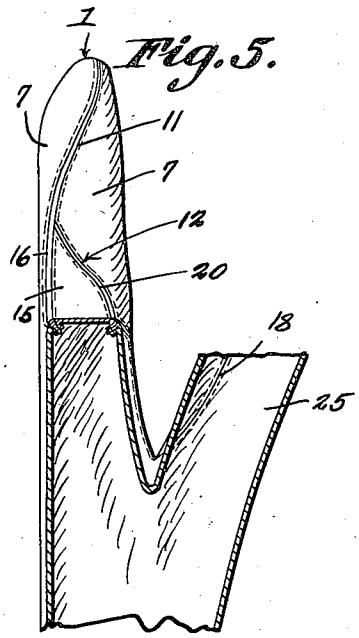


Fig. 8.

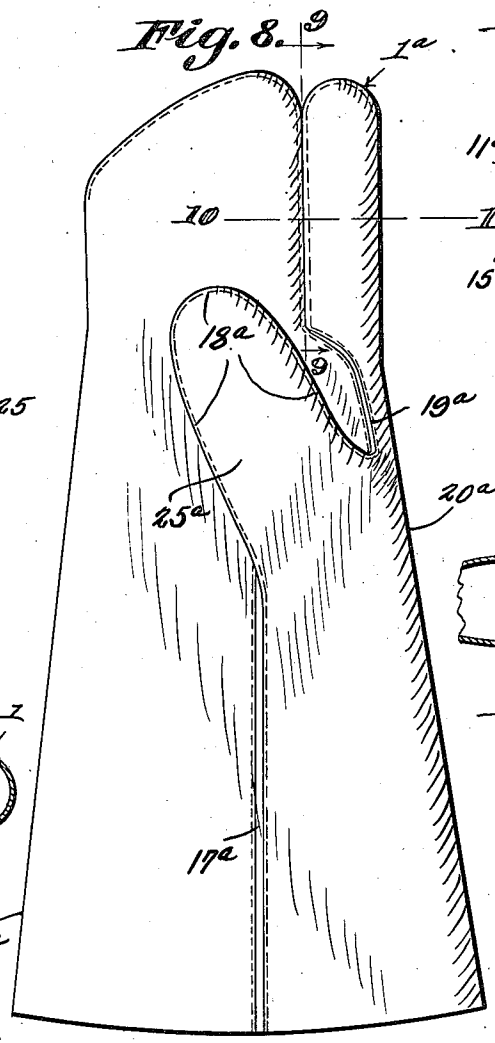
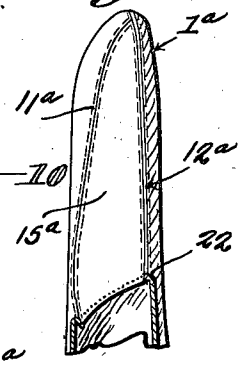


Fig. 9.



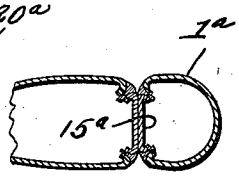


Fig. 10.

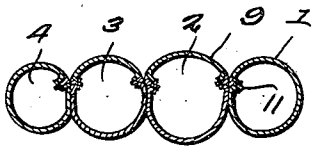
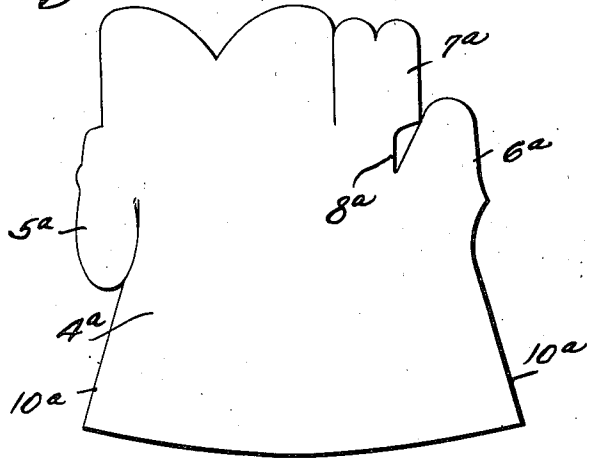


Fig. 6.

Fig. 7.



H. N. Gitt 2nd

INVENTOR.

BY Albrow & Co.

ATTORNEYS.

Patented Sept. 16, 1941

2,256,427

UNITED STATES PATENT OFFICE

2,256,427

WELDER'S HAND COVERING

Harry N. Gitt, 2nd, Hanover, Pa.

Application April 18, 1940, Serial No. 330,409

1 Claim. (Cl. 2—161)

The device forming the subject matter of this application is a hand covering, adapted primarily for welders' use. It is a matter of common knowledge that the sparks from a welder's torch catch in the seams of a hand covering, working a rapid destruction or deterioration of the article. The present invention aims to provide an article of the class described in which there are no seams along the longitudinal edges, the seams being confined to the front or palm side of the article, additional security against the catching of sparks being avoided by reason of the fact that when the hand of the workman is closed about the welding tool, the seams, for the most part, are definitely prevented from gathering sparks.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the present invention appertains.

With the above and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings:

Fig. 1 shows the back of a welder's glove constructed in accordance with the invention;

Fig. 2 is an elevation showing the palm or front side of the glove;

Fig. 3 is a plan of the blank out of which the glove is formed;

Fig. 4 is a plan showing the fourchette and attendant parts;

Fig. 5 is a section on the line 5—5 of Fig. 2;

Fig. 6 is a section on the line 6—6 of Fig. 2;

Fig. 7 is a plan of the blank out of which the mitt shown in Fig. 8 is formed;

Fig. 8 is an elevation showing the front or palm side of the mitt;

Fig. 9 is a section on the line 9—9 of Fig. 8;

Fig. 10 is a section on the line 10—10 of Fig. 8.

The article forming the subject matter of this application is a hand covering, adapted primarily for welder's use, the term "hand covering" being employed to designate either the full glove of Fig. 2, or the single fingered mitten of Fig. 8. Any material of construction may be employed, chrome leather being suggested.

The second, third and fourth fingers of the glove, denoted by the numerals 2, 3 and 4 respectively, display no peculiarities unknown to those skilled in the art, and may be dismissed without further comment. The index finger is marked by the numeral 1.

The blank out of which the glove is made, is marked by the numeral 4, and the thumb forming elements appear at 5 and 6. The element which forms the index finger 1 is marked by the numeral 7, and between the thumb element 6 and the index finger element 7, there exists an opening 8, which tapers toward its ends. The element of the blank 4 that forms the back of the second finger 2, is marked by the numeral 9.

Explaining the construction in the manner most convenient for the purposes of this description, but not necessarily in the order in which the steps occur in practice, the blank 4 is folded along longitudinal lines, to bring its outer edges 10 together. The part 7 which forms the index finger 1 is folded transversely, and its edges are stitched together along a longitudinal seam 11. A V-shaped notch 12 (Fig. 5) is formed on the side of the index finger 1 that is disposed toward the second finger 2. The front wall of the second finger 2 is formed by a fourchette 14 (Fig. 4), including an extension 15, located in the notch 12, the back edge of the extension 15 being secured to the index finger part 7 by an extension 16 of the seam 11.

The outer edges 10 of the blank 4 are secured together by a seam 17, extended along the edges of the thumb forming parts 5 and 6 of the blank, as indicated at 18 in Fig. 2, to form the thumb 25. The seam is continued as at 19 in Fig. 2, to join one portion of the index finger part 7 to the palm portion of the glove, and thence is continued as at 20 in Fig. 5, to assemble the forward edge of the member 15 with the part 7 that forms the index finger 1.

It is to be noted that there are no seams along the outer longitudinal edges 20 of the glove, and the seam 17—18—19 is on the front or palm side of the article. The continuation 20 of the said seam is set well forward toward the palm side of the glove. The construction, on the whole, is such that there are no seams exposed to catch sparks from a welder's torch, on the back side of the glove (Fig. 1), and the gauntlet 21 is circumferentially continuous. The seam indicated at 18—19 is more perfectly hidden than the drawings indicate, when the hand is closed about a welder's torch. Those skilled in the art need not be reminded that the most frequent cause of destruction in a welder's glove arises out of the lodgment of sparks in seams.

The construction hereinbefore described at

length in connection with the glove, may be used in a single fingered mitten, such as that shown in Fig. 8. In that figure and in Figures 7, 9 and 10, parts hereinbefore described have been designated by numerals already used with the suffix *a*. The part 19*a* of the main seam terminates at the place indicated by the numeral 22 in Fig. 9, if the fourchette is of one piece construction. Generally stated, the fourchette may be constructed as described.

The improvement in welder's hand coverings is simple, but it affords a means whereby the seams are so located that sparks will not lodge in them.

Having thus described the invention, what is claimed is:

A welder's hand covering comprising a back part, front and back gauntlet parts, a thumb back, and front and back index finger parts integral therewith; an integral structure comprising a gauntlet front part, a thumb front and a palm part, the hand covering being provided with a continuous main seam, joining the front gauntlet parts, and extended to join the thumb back and the thumb front, the seam being continued and joining the palm part and the back part, the seam being continued inwardly and joining the palm part to the front index finger part.

HARRY N. GITT, 2ND.