R. N. CARSON.

MITTEN.

APPLICATION FILED MAY 14, 1917.

1,254,578. Patented Jan. 22, 1918.

Fig. 1

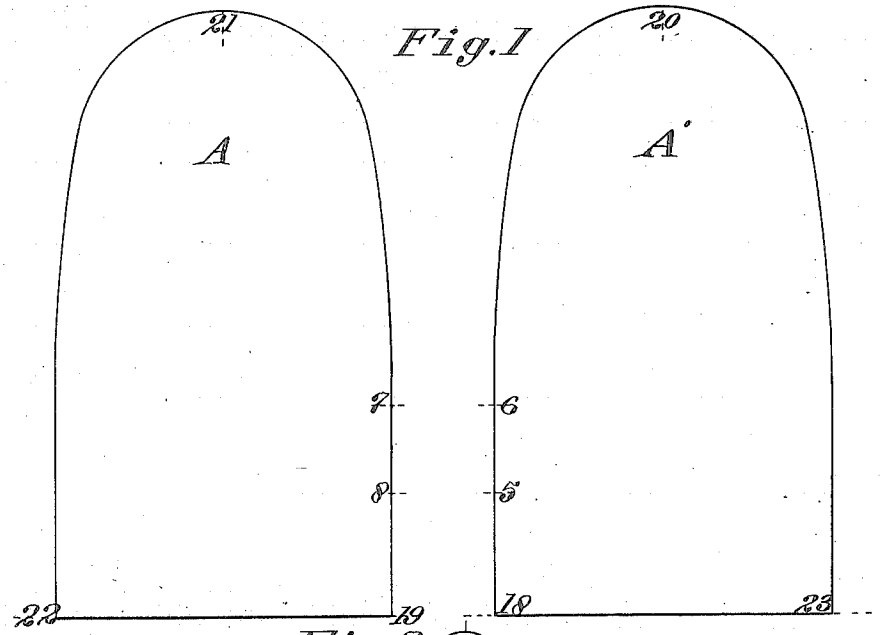


Fig. 2.

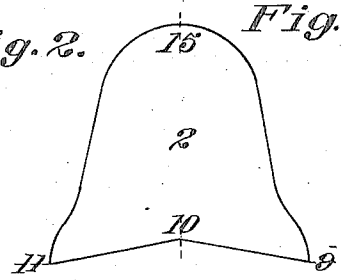


Fig. 3

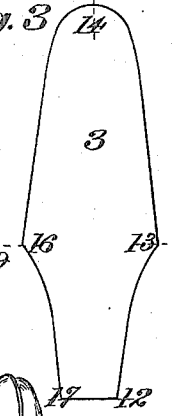


Fig. 4

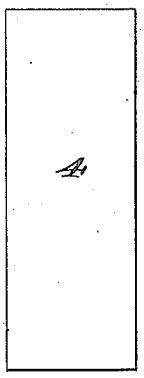
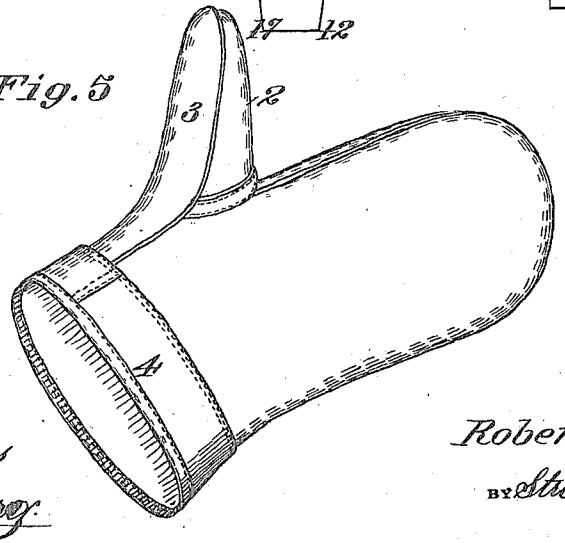


Fig. 5



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MITTEN.

1,254,578. Specification of Letters Patent. Patented Jan. 22, 1918.

Application filed May 14, 1917. Serial No. 168,403.

To all whom it may concern:

Be it known that I, ROBERT N. CARSON, a citizen of the United States, residing at the city and county of San Francisco and State of California, have invented new and useful Improvements in Mittens, of which the following is a specification.

My invention relates to improvements in mittens, such as are worn for the protection of the hands against the elements, or for rough work.

It consists of patterns, so cut and united that the mitten may be reversible and may be worn upon either hand, to provide, a maximum of service from a minimum of material.

It also comprises details of construction which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a view, showing the front and rear main patterns.

Fig. 2 is a view of the front thumb pattern.

Fig. 3 is a view of the rear thumb pattern.

Fig. 4 is a view of the wrist extension.

Fig. 5 is a perspective view of the mitten.

It is the object of this invention to produce a mitten of simple and reversible character, including the least amount of any given material, and of such construction as will allow of varying combinations in the utilization of materials which may be used most economically.

One of the main difficulties in the production of a mitten has been the size of the pattern generally required for its construction, in both the body and thumb portions, and the high cost, owing to the rapid advance in the cost of materials. My improvement is constructed to overcome these conditions and enable the use of lower grades of material in certain portions of the mitten.

As shown in the drawings, A and A′ are the main pieces or patterns which are made exactly alike and can be utilized for either the front or back. The inner thumb portion 2 is made sufficiently broad to partially surround the thumb, and may be approximately equal to two-thirds of the circumference. It is so shaped that it may be interchangeable and reversible. The back portion 3 covers about one-third of the circumference in width and is also shaped to be interchangeable and reversible. The band or wrist extension 4 answers for either front or back of the wrist and is also interchangeable and reversible.

In the construction of the mitten from the parts here shown, the part 2 is stitched to the part A′ about two inches from its base, as at 5. The lower edge of the part 2 is cut at an incline from the point 9 to a central point 10, and thence inclines downwardly to the point 11. The line of this inner thumb portion from 9 to 10 is then stitched along the edge of the pattern A′ to the point 6, which coincides with the center point 10 of the pattern 2. From this point the line 10—11 is stitched along the edge of the part A from 7 to 8. This completes the union of the inner thumb base with the two parts A and A′ of the mitten.

From the parts thus formed the sides of the back pattern 3 are now attached from 12 to 13 to the pattern A′ from its point 18 to the point 5, and thence continuing upwardly from the junction with the inner member at 9 to the center of the top curve where the arch 14 of the member 3 is united with the member 2 at the point 15. Thence the stitching is carried between the two members 2 and 3, along the edges to the points 11 and 16 of the two members. Thence the stitching is carried down upon the member A from the point 8 to the point 19 at the wrist portion.

This completes the mitten proper, with its thumb so attached, with relation to the parts A and A′, that the mitten may be used upon either hand with equally good effect. The completion of the mitten is effected by stitching or attaching the wrist piece 4, which is connected across the lower edge, beginning at a point 22 of pattern A, continuing to 19 and thence from 18 to 23 on pattern A′. The finishing of the mitten is then made complete by stitching or otherwise attaching the edges of the patterns A and A′, commencing at the points 6 and 7, where they are united to the thumb front at 10, and continuing the stitching over the curve of the top of the mitten forming a union of the parts A and and A′ at 20 and 21, and thence continuing the stitching to finally unite the base of the mitten at the points 22 and 23.

A piece of reinforcing material may be stitched over the seam formed at the base of the inner thumb member, said strip covering the line 9, 10 and 11 and thus complet-

ing the mitten. A mitten thus constructed may be decorated in the ordinary way of binding around the wrist or opening.

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

1. A mitten composed of similar and independent front and back members each having its opposite edges similarly shaped so that the position of said edges may be reversed, said side edges of each member connected by an uninterrupted curved edge, a thumb front having a base edge formed of straight converging portions secured respectively to a straight side edge of both members, and a thumb back secured to the thumb front.

2. A mitten composed of similar and independent front and back members each having similarly shaped opposite edges so that the position of said edges may be reversed, a thumb front having a base edge with a straight portion, said straight base portion being secured to a straight side edge of each member, and a thumb back secured to said last straight edges and to the thumb front.

3. A mitten composed of similar and independent front and back members each having similarly shaped opposite edges so that the position of said edges may be reversed, a thumb front having a base edge with a straight portion, said straight base portion being secured to a straight side edge of each member, the upper portion of the thumb front being bell-shaped, and a thumb back secured to the upper edges of the thumb front and provided with an extension secured to the last named straight edges of the front and back members.

4. A mitten including independent front and back members identical in shape and each having the opposite edges similarly shaped so that the position of said edges may be reversed, an inner thumb member by which said main members are united at a point above their base, a rear thumb member stitched to the main members below their junction with the inner thumb member and to the inner member above said junction.

5. A mitten comprising two independent similarly shaped reversible main members, the opposite edges of each of said main members being similarly shaped so that the position of said edges may be reversed, a bell-shaped, reversible thumb front with inwardly converging straight base lines of equal length stitched to the contiguous edges of the main members, and a thumb back stitched to the rear edges of the thumb front and having inwardly curved edges stitched between the edges of the main members below their junction with the thumb front, said main members being closed together around the remaining edges.

6. A mitten composed of independent equally sized and similarly shaped front and back members, each having straight and similarly shaped side edges so that the position of said edges may be reversed, an inner thumb segment having the base formed of upwardly converging edges meeting centrally at an obtuse angle, and said base edges stitched to contiguous straight edges of the front and back members, and a back thumb segment having its upper portion stitched to the upper portion of the inner thumb segment and its lower portion stitched to the contiguous front and back members and said main members stitched together from their junction with the thumb.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ROBERT N. CARSON.

Witnesses:
W. W. HEALEY,
JOHN H. HERRING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."