

C. Neumann,
Mitten.

No. 35,833.

Patented July 8, 1862.

Fig. 3.

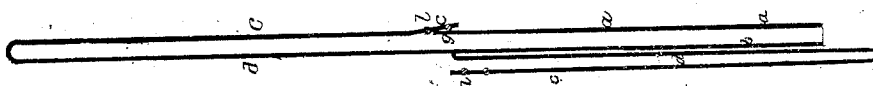


Fig. 1.

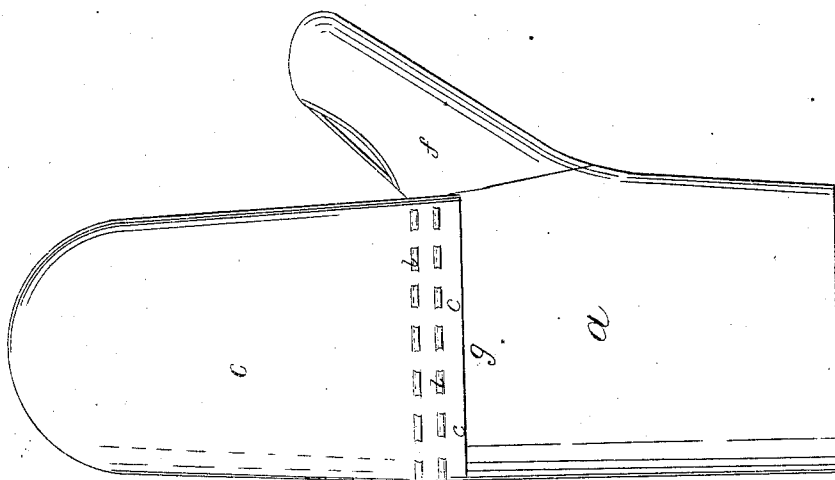
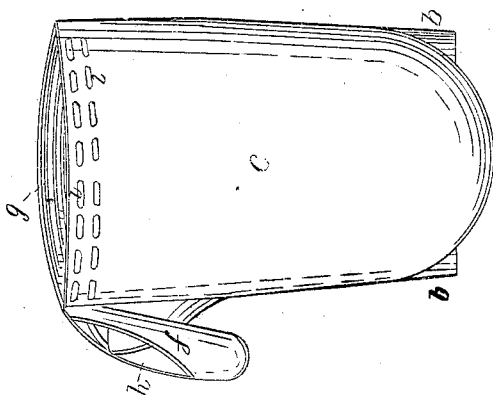


Fig. 2.



Witnesses.
Joseph Gavett
Albert W. Brown

Charles Neumann

UNITED STATES PATENT OFFICE.

CAESAR NEUMANN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN MITTENS.

Specification forming part of Letters Patent No. 35,833, dated July 8, 1862.

To all whom it may concern:

Be it known that I, CAESAR NEUMANN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Mittens; and I do hereby declare that the following description, taken in connection with the accompanying drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim and desire to have secured to me by Letters Patent.

The object of the present invention is to so form a mitten or covering for the hand as to allow the portion that covers the fingers and thumb to be removed clear of or placed upon the same at pleasure, so that without inconvenience the fingers at a moment's notice can be rendered free to be used, or as quickly covered again to protect them from the cold, without entirely removing the mitten from the hand. This, it will be evident, is peculiarly desirable for the use of soldiers in handling guns, for conductors on railway-carriages, &c., and in general in any case where it is necessary both to keep the hands warm and yet at times to have the fingers free to act.

I accomplish the above result by forming a slit either across the palm portion of the mitten or the back portion of the same, or else a slit in the direction of its length, by means of which the portion of the mitten covering the fingers can be easily removed from the same at pleasure and turned back upon the hand without removing the whole mitten. To enable the thumb also to be uncovered, if desired, I form a slit in the same in any direction, either crosswise or lengthwise, which will permit the thumb-covering to be turned over upon the mitten.

In the accompanying plate of drawings, Figure 1 is a front view of my improved mitten. Fig. 2 is a view of the back with the finger portion of the mitten turned over upon the same. Fig. 3 is a longitudinal section of the mitten through its center.

a a in the accompanying drawings represent the portion of the mitten to cover the palm of the hand, *b* the back of the same, and

c d the portions of the mitten to cover the fingers of the hand. *f* is the thumb-covering.

In the palm *a* of the mitten a cross-slit, *g*, is formed, which is lapped over by the extension of the finger *c*, when the mitten covers the whole hand; but if it is desired to uncover the fingers, and yet not remove the mitten wholly from the hand, the finger portion *c* is turned over and removed clear of the fingers to the back portion, *b*, as represented in Figs. 2 and 3, to which it is evident it may be fastened by hooks or other suitable means.

In the thumb-covering *f* of the mitten a slit, *h*, is formed in the direction of its length, by means of which the thumb can be also easily freed of its covering by simply turning it (the covering) over, as represented in Fig. 2.

The slit *g*, which I have formed in the palm *a* of the mitten, may, it is evident, be formed, instead, in the back, and then the finger portion would be turned over upon the palm, or a slit may be formed lengthwise in the mitten, and thus allow the finger portion to be turned either to the right or left of the hand, without in any way varying the principle of my invention, which is to so form a slit in the mitten as to allow the finger portion of the same to be easily removed from the fingers when it is desired to use them, without removing the mitten wholly from the hand, and to as easily recover them.

An elastic, *l*, may be inserted in the lap of the slit formed, for the purpose of keeping the same snugly about the hand where the slit is placed.

What I claim as my invention, and desire to have secured to me by Letters Patent, is—

1. So forming and constructing a mitten or covering for the hand that the part which covers the fingers is susceptible of being turned back upon the hand, so as to leave the fingers free without entirely removing the mitten, substantially as described.

2. Forming a slit in the thumb-covering, so that it may be turned back upon the mitten and leave the thumb free, substantially as described.

CAESAR NEUMANN.

Witnesses:

JOSEPH GAVETT,
THOS. J. MAZALL.