

No. 781,044.

PATENTED JAN. 31, 1905.

E. ALTMAN.
MUFFLER.

APPLICATION FILED JAN. 12, 1903.

Fig. 1.



Fig. 2.

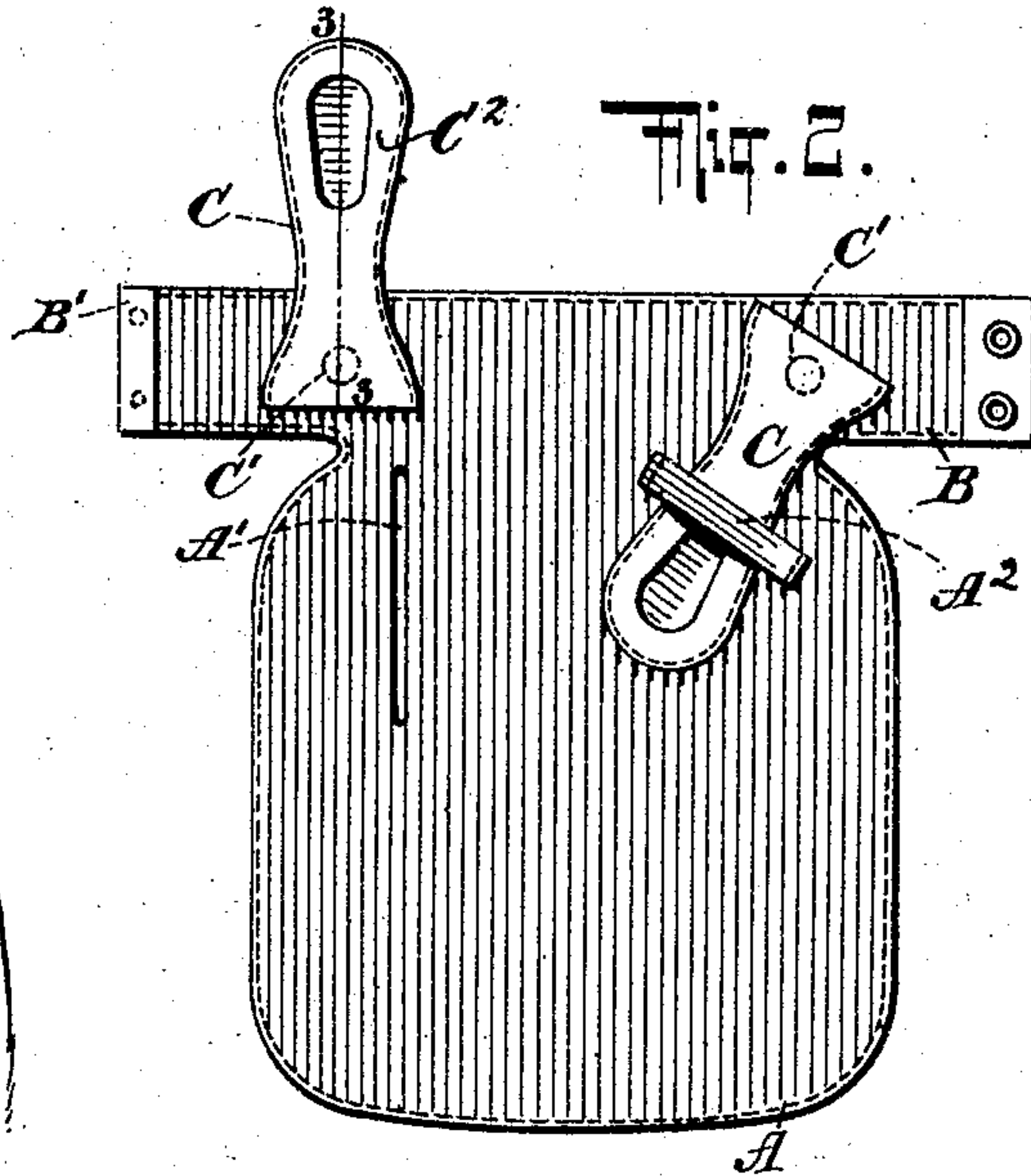


Fig. 3.

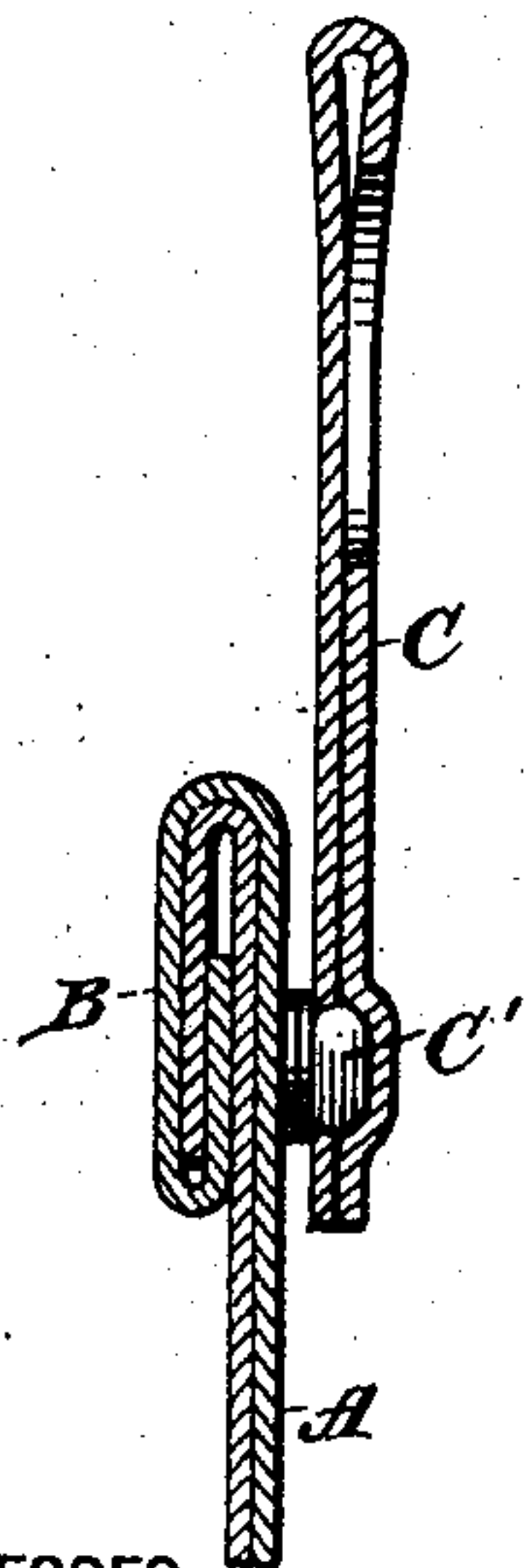


Fig. 4.



WITNESSES:

John A. Steffenbeck.
John Lottka

INVENTOR

Emil Altman

BY

Briesen & Kuntz
ATTORNEYS

UNITED STATES PATENT OFFICE.

EMIL ALTMAN, OF NEW YORK, N. Y.

MUFFLER.

SPECIFICATION forming part of Letters Patent No. 781,044, dated January 31, 1905.

Application filed January 12, 1903. Serial No. 138,588.

To all whom it may concern:

Be it known that I, EMIL ALTMAN, a citizen of the United States, residing in the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Mufflers, of which the following is a specification.

My invention relates to garments such as are used to protect the chest, neck, and ears of persons against cold.

The object of my invention is to provide a muffler which will be readily put on and which will be provided with ear-protectors adapted to be concealed from view when they are not in use.

The invention will be fully described hereinafter and the features of novelty pointed out in the appended claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 illustrates the use of one form of my improved muffler. Fig. 2 shows the same spread out. Fig. 3 is a cross-section on line 3 3 of Fig. 2, and Fig. 4 illustrates the use of another form of my muffler.

Referring to the construction shown in Figs. 1, 2, and 3, A indicates that portion of the muffler which forms a chest-protector. This portion, as well as the remainder of the muffler, is preferably made of knitted goods, although I do not restrict myself to this particular fabric. To the upper portion of the chest-protector A is connected a collar portion B, adapted to surround the person's neck. The ends of this collar, which preferably project beyond the side edges of the chest-protector A, are provided with any suitable fasteners B' for securing them to each other. With the muffler so far as described, and preferably with the collar portion B, are connected ear-protectors C, which I prefer to pivot to the collar portion B, as indicated at C'. The pivotal connection may be effected through the medium of a fastener of the character of a glove-fastener and is preferably arranged at about the point where the collar portion B joins the chest-protector A. Each ear-protector may

be made with an opening and a flange C² adjacent to the opening, so that when the ear is properly introduced into the protector C the latter will be held in an upright position. When it is not desired to use the ear-protectors, they may be folded so as to be concealed by the collar portion B and the chest-protector A. Preferably a slit A' is provided on the chest-protector A to form a pocket for the ear-protector C. This construction is particularly available when the chest-protector A consists of two layers of material connected only at their edges. As an alternative means of fastening the ear-protector I may provide a strap A², as shown at the right in Fig. 2. This construction is of especial advantage when the chest-protector A is made with a single layer of fabric. It will be understood that when the ear-protectors are within the respective pockets or straps they will be held in their concealed position and the muffler will form only a chest and neck protector.

The form of construction shown in Fig. 4 differs from that described above in the detail construction of the ear-protectors. In this case the ear-protectors C³ are made of sufficient length to extend over the head of the wearer and to be there connected with each other. While the connection of the two ear-protectors may be permanent, I prefer to make it detachable, as by the use of fasteners C⁴, so that each of the ear-protectors may be folded separately into the corresponding pocket or under the respective straps of the chest-protector.

I claim as my invention and desire to secure by Letters Patent—

1. A muffler comprising a chest-protector, a collar portion located at the upper end of the chest-protector and projecting therefrom beyond the side edges of the said protector, and ear-protectors pivotally connected with the collar portion by detachable fasteners of the glove-fastener character at points adjacent to the junction of the collar portion with the chest-protector.

2. A muffler comprising a chest-protector,

a collar portion located at the upper end of the chest-protector and projecting therefrom beyond the side edges of the said protector, and ear-protectors pivotally connected with
5 the collar portion at points adjacent to its junction with the chest-protector.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

EMIL ALTMAN.

Witnesses:

EUGENE EBLE,
ALBERT C. WIECHERS.