

E. STRAUSS.

Ear-Muffs.

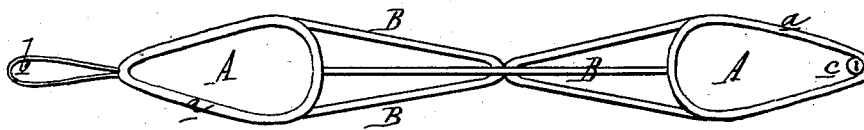
No. 165,273.

Patented July 6, 1875.

*Fig: 1.*



*Fig: 2.*



*Attest.*  
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# UNITED STATES PATENT OFFICE.

EMIL STRAUZ, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN EAR-MUFFS.

Specification forming part of Letters Patent No. **165,273**, dated July 6, 1875; application filed June 3, 1875.

*To all whom it may concern:*

Be it known that I, EMIL STRAUZ, of Chicago, in the county of Cook and State of Illinois, have invented an Improvement in Ear-Muffs, of which the following is a specification:

The nature of my invention relates to an improvement in muffs that are worn upon or over the ears to protect them during severe cold weather, and has for its object to so construct the muffs and their fastenings as that they will entirely inclose the ears and protect a part of the head surrounding their insertion not heretofore protected by the ordinary forms of ear-muffs.

Figure 1 is a perspective view of a pair of my improved muffs as they appear when in use.

Figure 2 is an external plan of the same extended.

In the drawing, A A represent the muffs, which are pear-shaped, and so gathered at the edges in stitching on the binding *a* as to make them concavo-convex, causing them when drawn against the head to cover the ears entirely, and to cover a portion of the surrounding flesh not covered by the hair or beard, which has heretofore been impossible to protect with the muffs worn.

The muffs are connected together at their

upper ends by three crossed elastic straps, B B B, which go over the top of the head, and are secured in position by an elastic loop, *b*, attached to the lower end of one muff, which is brought under the chin and engaged with a button, *c*, at the lower end of the other muff.

The tendency of the diverging crossed straps at the top is to draw the edges of the muff to the side of the head, protecting alike the ear and its surrounding parts.

In lieu of a plurality of crossed straps B, the upper ends of the muffs may be connected by a single strap, but in that case the sides of the muffs will not be drawn so close and snug to the side of the head as with the crossed straps.

What I claim as my invention is—

The ear-muffs, of the form described, connected at the top by a plurality of crossed straps, and underneath by an elastic band to pass below the chin, so that when said muffs are secured over the ears by the tension of the said crossed straps they will assume a convex form, thereby entirely inclosing the ears, substantially as described.

EMIL STRAUZ.

Witnesses:

WM. H. LOTZ,  
GEO. FROMMANN.