

No. 657,109.

Patented Sept. 4, 1900.

W. H. HARTMANN.

EAR MUFF.

(Application filed Jan. 17, 1900.)

(No Model.)

Fig. 1.

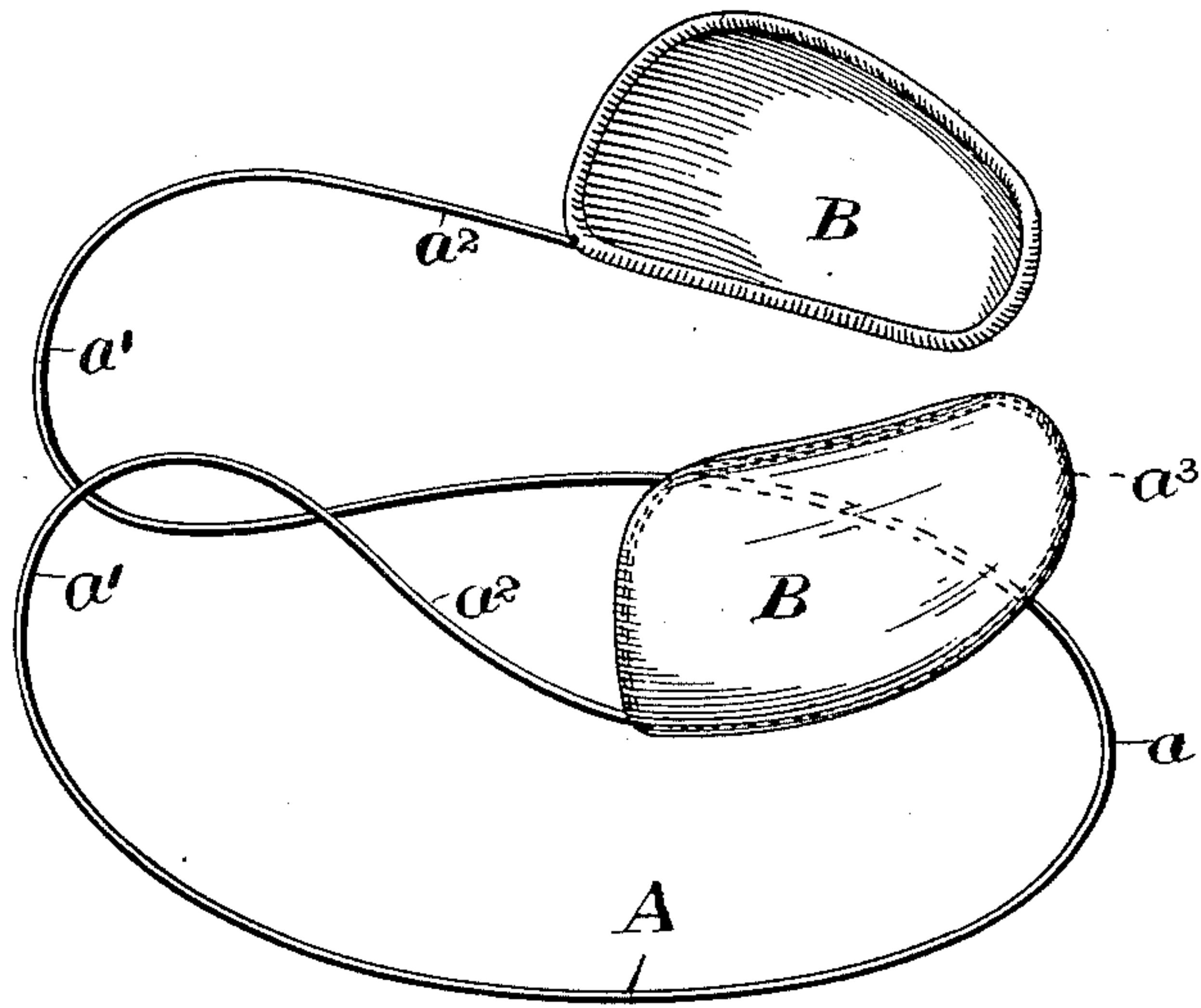
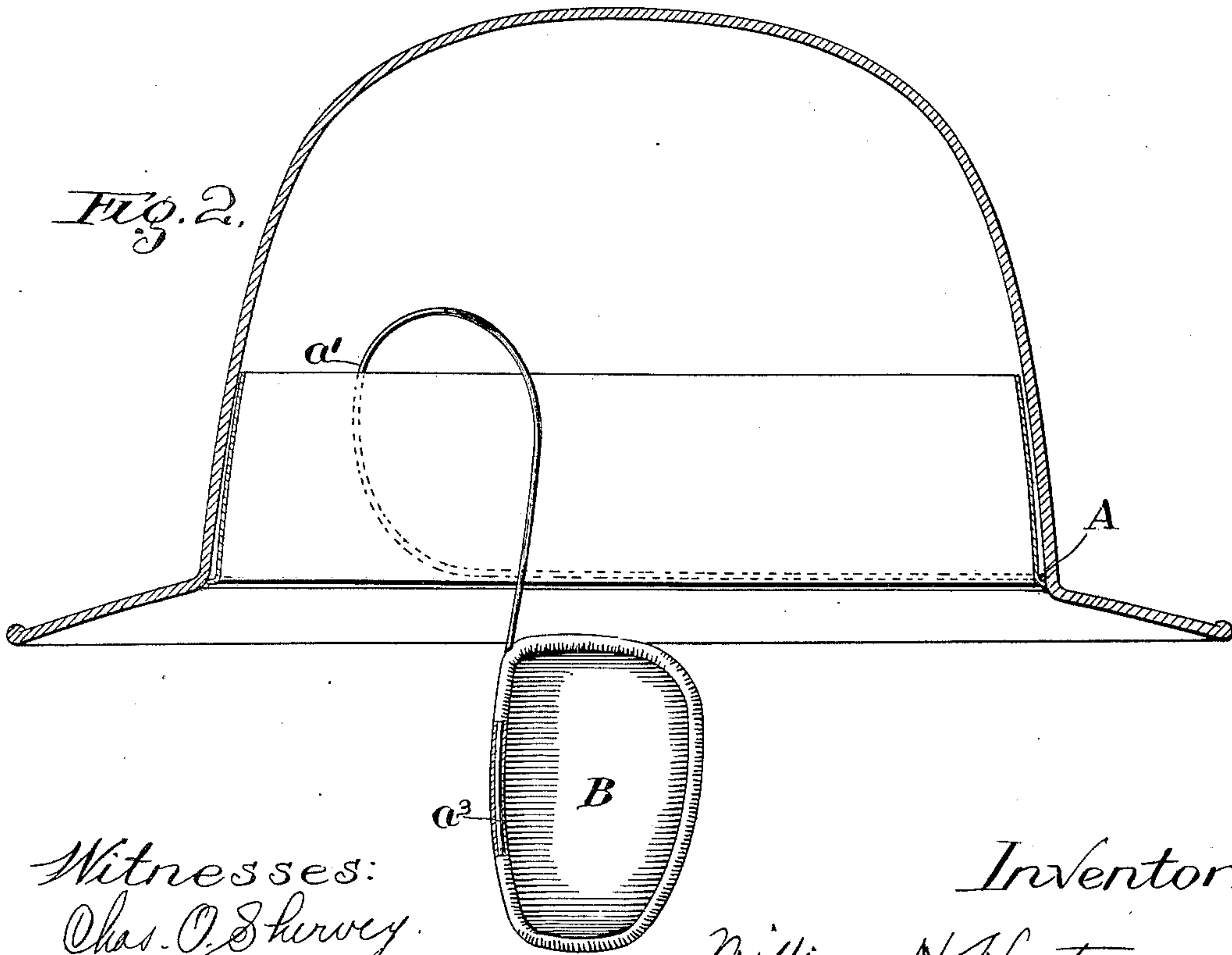


Fig. 2.



Witnesses:  
Chas. O. Shurway.  
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by Milshorne & Putnam  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. HARTMANN, OF CHICAGO, ILLINOIS.

## EAR-MUFF.

SPECIFICATION forming part of Letters Patent No. 657,109, dated September 4, 1900.

Application filed January 17, 1900. Serial No. 1,722. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. HARTMANN, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ear-Muffs and Supports Therefor, of which the following is a specification.

My invention relates to certain new and useful improvements in ear-muffs and supports therefor, the object of which is to provide ear-muffs of comfortable and convenient form, provided with a supporting device adapted to connect them with the ordinary hat, so as to hold them in place inside of the hat and out of the way when not in use and to enable them to be readily applied to the ears when desired.

To such end the invention consists in certain novel characteristics, which will appear from the following description and will be definitely pointed out in the claim.

In the drawings, Figure 1 is a perspective of a pair of ear-muffs, together with the supporting devices; and Fig. 2 is a longitudinal vertical section of a hat, showing the application of the ear-muffs thereto in the position in which they are applied to the ears.

Referring to the drawings, A is a supporting device, preferably of spring-wire, curved at  $a$  to follow the outline of the lower portion of the sweat-band of the hat and bent upward at  $a'$ , forward at  $a^2$ , and formed at  $a^3$  into the shape of frames, upon which the ear-muffs B are secured. The portion  $a$  of the wire is dropped down over the sweat-band, between it and the hat, and the ear-muffs and portion of the wire adjacent thereto are normally held well up within the interior of the hat and out of the way. When they are to be used, how-

ever, they are drawn downward, as seen in Fig. 2, this motion being permitted by the resiliency of the wire, and placed over the ears, the tension being just sufficient to hold them securely in place by pressure from the rear forward. For this reason the portion  $a$  of the wire is placed at the front of the hat and the other portions extend backward therefrom and then upward and forward. The resiliency of the wire also enables the entire device to be crowded into compact and convenient form for carrying in the pocket when desired, although no inconvenience is experienced in carrying it in the hat.

I recognize the possibility of more or less variation in the invention without departing therefrom, and for that reason do not limit myself to the exact details.

I claim as new and desire to secure by Letters Patent—

As a new article of manufacture, the ear-muffs, B, provided with a spring-wire, A, secured thereto at its ends, having a middle portion adapted to conform to the lower portion of the interior of the hat and rest between the same and the sweat-band thereof and end portions extending upward from this middle portion and returning alongside of the same to support the ear-muffs within the hat and to allow them to be drawn downward into position for use against the tension of the wire; substantially as described.

In witness whereof I have hereunto set my hand, at Chicago, in the county of Cook and State of Illinois, this 11th day of January, A. D. 1900.

WILLIAM H. HARTMANN.

Witnesses:

CHAS. O. SHERVEY,  
S. BLISS.