

P. LOEWE.
EAR MUFF.

APPLICATION FILED APR. 24, 1909.

958,263.

Patented May 17, 1910.



Fig. 1.

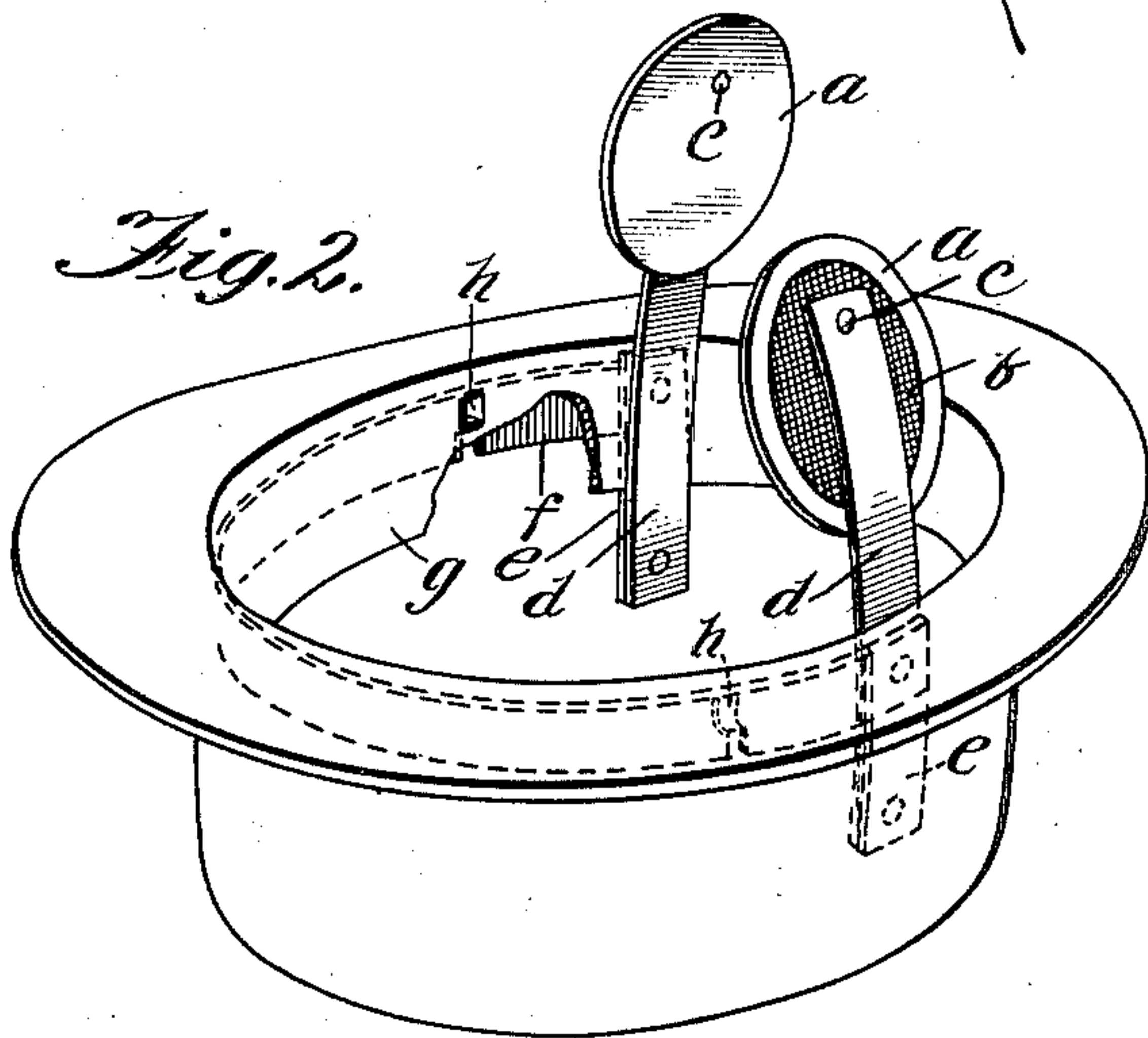


Fig. 2.

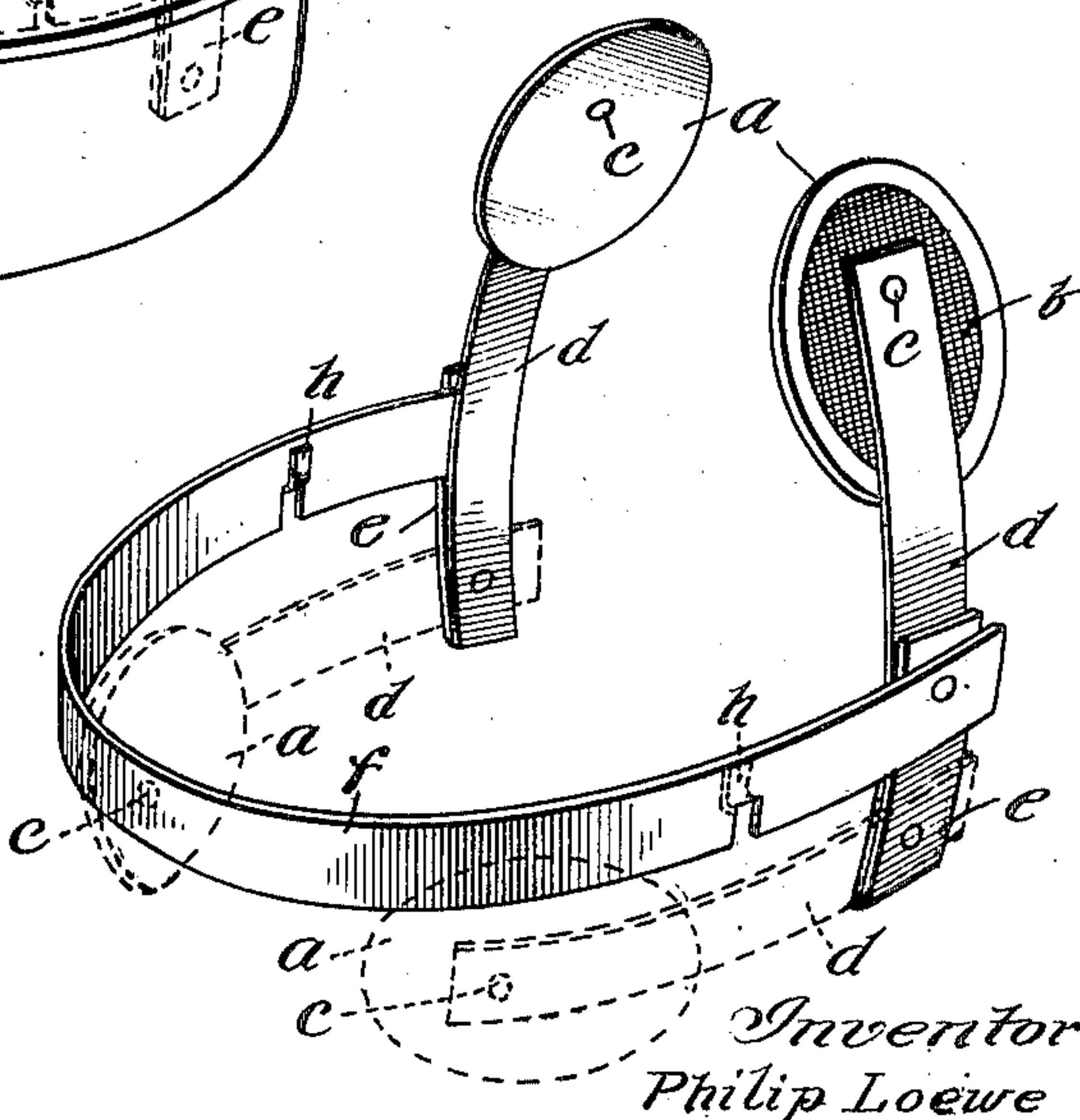


Fig. 3.

Witnesses:

Wm. D. Perry
Alvin J. Samsel

Inventor:
Philip Loewe

By Gathman & Rothschild
Attys

UNITED STATES PATENT OFFICE.

PHILIP LOEWE, OF CHIPPEWA FALLS, WISCONSIN.

EAR-MUFF.

958,263.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed April 24, 1909. Serial No. 491,899.

To all whom it may concern:

Be it known that I, PHILIP LOEWE, a citizen of the United States, residing at Chippewa Falls, in the county of Chippewa and State of Wisconsin, have invented a certain new and useful Improvement in Ear-Muffs, of which the following is a specification.

My invention relates to ear muffs, and the object of the invention is first, to produce a device of this character so constructed that it may be readily applied to, or removed from the hat of the wearer, and second, to provide a construction such that the ear pads may be readily swung down into operative position when required, and when not required may be swung back into the hat where they will be hidden from view, and will at the same time not interfere with the head.

I accomplish my objects by the mechanism illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the device showing its manner of use. Fig. 2 is a perspective view of a hat provided with the device, and Fig. 3 is a perspective view of the device showing in dotted lines the position to which the ear protecting parts may be adjusted when not in use.

Similar letters refer to similar parts throughout the several views.

The protecting pads or muffs consist preferably of two parts *a* and *b*, the part *a* consisting of felt or any other material suitable to be worn next to the ear for the purpose of protecting it from the weather. The part *b* consists of metallic gauze or any other material suitable for cooperating with the ear-contacting part *a* to stiffen it and hold it in place. It will be understood however, that the construction of the muffs or pads *a*, *b*, may be greatly varied without departing from the spirit of this invention and said pads or muffs may if desired be constructed of a single piece of material.

The pads *a*, *b*, are secured by rivets *c* or other fastening means to arms *d*, which are pivoted at their inner ends to shorter arms *e*, as clearly shown in the drawings. The shorter arms are in turn pivoted at their opposite ends to the ends of a band *f* designated to be inserted between the inner hat band *g* and the side of the hat as best illustrated in Fig. 2. By preference the band *f* and arms *d* and *e* are constructed of resilient

metal such as steel or aluminum, the advantage in the use of metal being that the parts will be light in weight and occupy but little space. Another advantage is that the parts, especially the arms *d*, may be so bent as to hold the ear pads snugly in contact with the ears. While it is not essential that special means be provided for retaining the band *f* in position, it is desirable to increase the security by forming tongues *h* at some convenient point in the band, and passing them through the material of the inner band *g*.

In operation, when the pads are in use the parts will occupy the position shown in full lines in the drawings and the arms *d* will hold the pads close against the ears of the wearer. When the pads are not required the wearer simply swings the arms *d* to the position shown in dotted lines Fig. 3. He may then replace his hat upon his head and wear his hat without any inconvenience, the parts occupying a position well up in the hat. This device is at all times ready for use, but when not in use may be carried without inconvenience or unsightly appearance.

Although it is desirable that the arms *e* be pivoted to the band *f* this is not essential, it being within my contemplation that the parts *e* and *f* may be made of a single piece.

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

1. In a device of the class described the combination of a stationary member adapted to be inserted inside the hat band, arms pivoted to said stationary member and projecting into the hat, and adapted to swing forwardly or rearwardly, other arms pivoted to the first mentioned arms and adapted to swing forwardly or rearwardly, and ear pads carried by the last mentioned arms.

2. In combination, ear pads, resilient arms whereto said pads are secured, a substantially flat member *f* adapted to lie between the hat and hat band, and substantially flat arms pivoted at one end to the member *f* and at the other end to said arms whereby the pads are adjustable forward or backward.

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

PHILIP LOEWE.

Witnesses:

JOHN GULLRANDSON,
FRANK D. GREENWALD.