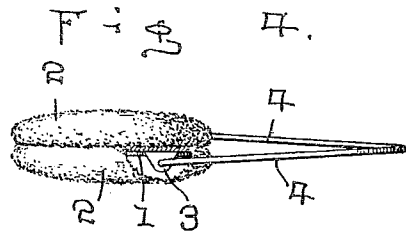
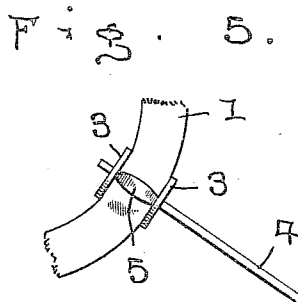
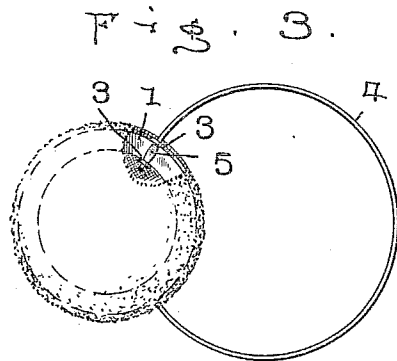
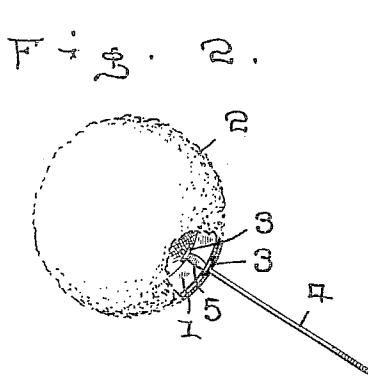
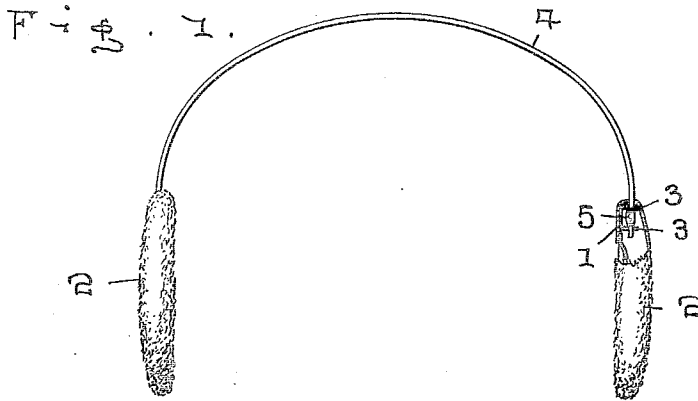


C. J. KELLER.  
 EAR MUFFLER.

APPLICATION FILED OCT. 5, 1909.

953,623.

Patented Mar. 29, 1910.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES J. KELLER, OF BLOOMSBURG, PENNSYLVANIA.

EAR-MUFFLER.

953,623.

Specification of Letters Patent. Patented Mar. 29, 1910.

Application filed October 5, 1909. Serial No. 521,123.

To all whom it may concern:

Be it known that I, CHARLES J. KELLER, a citizen of the United States, residing at Bloomsburg, in the county of Columbia and State of Pennsylvania, have invented certain new and useful Improvements in Ear-Mufflers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in ear mufflers, and is more particularly an improvement over my former patent No. 804731, dated Nov. 14, 1905, and my object is to provide means for attaching a wire to a circular body and arranging the wire whereby the same will direct an inward tension on the mufflers proper, and a further object is to so arrange the wire that when not in use, the parts will be assembled in compact form.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings forming part of this application, Figure 1 is an elevation partly in section of the mufflers ready to be applied to use. Fig. 2 is an end elevation thereof partly in section. Fig. 3 is an end elevation partly in section showing the parts of the muffler folded together. Fig. 4 is an edge elevation thereof partly in section, and, Fig. 5 is a detail elevation of a portion of the muffler frame showing the manner of attaching the wire thereto.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates the frame adapted to support the mufflers, which are composed of cloth or like substance, said frames being two in number and composed of flat rings of metal, one portion of the frames 1 having integral ears 3 at the inner and outer edges of the frame, through which extend the ends of a wire 4 and in order to hold the wire in engagement with said rings and at the same time permit rotation of the rings on the wire, that portion of the wire between the two ears is

flattened as shown at 5, the flattening of said wire in one direction causing the same to bulge in the opposite direction, thus forming an enlarged portion which will prevent the wire from moving lengthwise through the ears, the flattened portion being formed after the wire has been introduced through the ears.

The wire 4 is formed of spring metal and is so arranged that when the mufflers proper are folded together as shown in Fig. 3, said wire will be substantially circular and the mufflers will register with each other, thereby reducing the device to a compact form and likewise when the mufflers are separated and placed in position over the ears, the tension of the wire 4 will be increased and serve to hold the mufflers securely in position over the ears.

By arranging the wire 4 whereby the tension thereof will cause the same to assume a circular position as shown in Fig. 3 and register the mufflers proper with each other, it will likewise serve to direct equal inward pressure on the mufflers as said mufflers are placed at right angles to the positions shown in Fig. 3 when the mufflers are applied to use and it will further be seen that in view of the curvature of the wire, it will snugly fit around the back portion of the head or neck of the wearer.

What I claim is:

A device of the class described, comprising a pair of frames, a wire effecting connection between said frames, each frame having its forming member provided with opposed ears at the lateral edges of said forming member, said connecting wire having its ends flattened between said ears, said wires being of spiral outline and adapted to allow said frames to be arranged parallel with each other.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES J. KELLER.

Witnesses:

GUY JACOBY,  
CLYDE CHAS. YETTER.