

H. FURST.
Head-Muffs.

No. 167,234.

Patented Aug. 31, 1875.

Fig. 1.

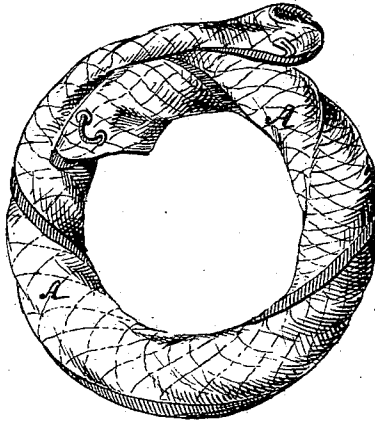


Fig. 2.



WITNESSES:

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HEIMANN FÜRST, OF WILLIAMSBURG, NEW YORK.

IMPROVEMENT IN HEAD-MUFFS.

Specification forming part of Letters Patent No. **167,234**, dated August 31, 1875; application filed July 16, 1875.

To all whom it may concern:

Be it known that I, HEIMANN FÜRST, of Williamsburg, in the county of Kings and State of New York, have invented a new and Improved Neck, Ear, and Throat Protector, of which the following is a specification:

Figure 1 is a plan view of my improved neck, ear, and throat protector, showing it coiled up for transportation. Fig. 2 is a perspective view, showing it applied to a person's head.

Similar letters of reference indicate corresponding parts in all the figures.

The object of this invention is to produce a demi-cape, which, when applied to the head of a man or boy, will protect and cover the back of the neck, the ears, and the throat, and allow the free use of a suitable hat or cap. My improved protector will fit nearly every-sized head, and is easily folded into a small coil for convenience in transportation and when not required for use.

The invention consists, principally, in constructing such protector or demi-cape of the requisite form, and in binding its upper edge, which surrounds the back of the head, with a steel spring, and in applying to it a pivoted steel strap, which goes over the top of the head, all as hereinafter more fully described.

In the accompanying drawing, the letter A represents the body of my improved neck, ear, and throat protector. The same is cut from suitable fabric, of such shape and size that its middle part is much wider than its ends, so that it will, when applied to the head, as in Fig. 2, extend from the back of the neck upward to a height above the ears, thence forward to cover the ears, and thence down-

ward and forward to close under the chin, protecting, also, the throat, all as indicated in Fig. 2. The narrow lapels *a a* in front are closed by a suitable button and elastic strap or eye, the elastic portion of the eye being advantageous in fitting the article to larger and smaller heads. The wider middle part of the article has its upper edge *b* lined with a metal spring, which, in use, clasps and embraces the back of the head above the ears, as indicated in Fig. 2. Another metal spring, *d*, extends from near one end of the spring *b* over the top of the head to near the other end of the spring *b*. The ends of the spring *d* are pivoted to the spring *b*, so the spring *d* can, when the instrument is not in use, be folded into the spring *b*, and in line therewith, and in that case the fabric of which the protector is composed can be folded around these two springs, and the whole coiled up, as indicated in Fig. 1, and conveniently placed in the pocket. The body of the protector is made of suitable quilted or other fabric.

By the use of the pivoted spring *d*, which can be swung farther forward or backward on the head, the adjustability of the apparatus to different-sized heads is still more fully insured.

I claim as my invention—

A combined neck, ear, and throat protector, A, shaped as shown, and provided with the top lining, spring *b*, and upper pivoted spring *d*, substantially as herein shown and described.

HEIMANN FÜRST.

Witnesses:

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