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F. H. DAHLSTEDT

2,501,760

CAP

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Fig. 1

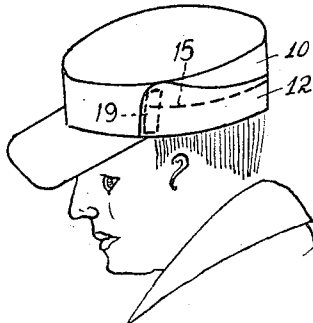
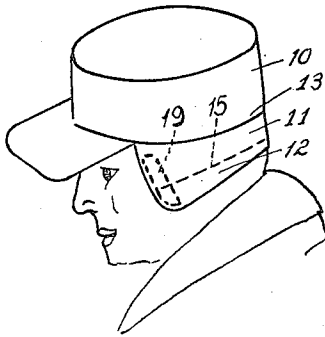
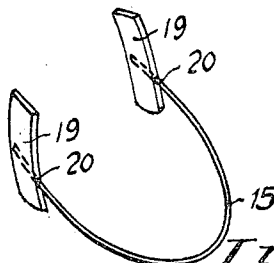


Fig. 2

Fig. 3



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UNITED STATES PATENT OFFICE

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CAP

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2 Claims. (Cl. 2—196)

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The present invention relates to an arrangement in headwears or caps provided with ear-flaps fixed thereto which from an upper position, leaving the ears of the wearer unprotected, may be drawn to a lower position for protecting the ears, and provided with a U-shaped spring extending forward with its free legs, when the ear-flap occupies its upper position, from the neck part of the headwear at both sides thereof.

Caps or the like headwears provided with ear-flaps adapted to be folded up and down are known per se. In most cases, the ear-flaps do not fit tightly along the ears. In order to remove this drawback, there exist caps the ear-flaps of which are provided with strings which are adapted to be tied on the forehead or under the chin in order to ensure good contact between the ear-flap and the ear. The strings may be of elastic material, such as India rubber strings. The presence of the strings and their position, when the ear-flap is lowered, however, causes discomfort to the wearer who desires to have his forehead as well as his chin free from such encumbrances. The present invention has for its principal object to avoid this drawback and bring about a head-covering which does not include said means but, nevertheless, comprises an ear-flap which tightly fits along the ears.

This and other objects of the invention are attained by the construction appearing from the following specification and drawings.

One embodiment of the invention is illustrated in the enclosed drawings in which Figs. 1 and 2 are views in elevation of a cap with ear-flap provided with a spring member according to the invention, which cap in Fig. 1 is illustrated with the ear-flap drawn-down and in Fig. 2 with the same turned-up. Fig. 3 is a perspective view.

The cap 10 in Figs. 1 and 2 comprises, as usual, a crown portion and a rim portion and is provided with an ear-flap 11, 12 which in its turned-up position in Fig. 2 is folded along the line 13. The ear-flap in its turned-up position fits tightly along the sides and the neck part of the cap. A U-shaped bent spring 15 is sewn into the portion 12 of the ear-flap, the bent portion of which spring extends round the neck portion of the cap. When the ear-flap is drawn-down, the spring will place the flap round the neck and ears of the wearer. In the turned-up position, the spring will help the ear-flap to hold its position, joining the rim portion of the cap. The presence of chin and forehead strings will then be superfluous.

The U-shaped spring is attached at the ear-flap in a manner such that it may turn round its own longitudinal axis in its fastenings. This type of spring relates especially to ear-flaps of simple type where the ear-flap only once is to be folded along a line corresponding to the line 13. In such cases, the U-shaped spring must be capable of turning in its fastenings, for otherwise it will cause the ear-flap in its turned-up position

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to be pressed out from the cap by the ends of the spring.

For accomplishing this purpose stiffening means 19 are employed for the front edges of the ear-flap comprising a plate sewn into the ends of each ear-flap and provided with a bore 20 in which the free end of one of the legs of U-shaped spring 15 is inserted in a manner such that the bore forms a bearing for the end of the leg, in which the leg may be turned when folding the ear-flap upwards and downwards.

It is believed in view of the foregoing description that a further detailed description of the operation of the invention is entirely unnecessary. Likewise it is believed that the advantages of the invention will be readily apparent.

What I claim is:

1. A cap comprising a crown portion, a rim portion, a flap extending along and attached to the edge of said rim portion at the sides and the back thereof and shiftable from an upper position in engagement with said rim portion to a lower position in which the flap constitutes a downward extension of part of said rim portion and serves as an ear and neck protector, a spring member extending throughout the length of the flap and arranged to press the flap against the wearer's ears in the lower position of the flap, and fastenings for said spring member rotatably receiving the spring ends, said spring being of such form that the ends thereof may freely turn within the fastenings when changing the flap from one position to another.

2. A cap comprising a crown portion, a rim portion, a flap extending along and attached to the edge of said rim portion at the sides and the back thereof and shiftable from an upper position in engagement with said rim portion to a lower position in which the flap constitutes a downward extension of part of said rim portion and serves as an ear and neck protector, a spring member extending throughout the length of the flap and arranged to press the flap against the wearer's ears in the lower position of the flap, and means associated with the ends of said spring member for stiffening the forward edges of said flap, said stiffening means comprising plates having bores, the ends of the spring member being turnably mounted in said bores.

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REFERENCES CITED

The following references are of record in the file of this patent:

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