This invention has reference to articles of sportswear for the head, such as caps, bandeau, or any similar article of headwear commonly provided with a visor, and more particularly it has reference to eyeshields and/or windshields associated with the visors of such headwear.

All outdoor sports require devices of the nature aforesaid, whether winter sports such as skiing, skating, tobogganing, or the like, or summer sports such as golf, tennis, baseball, fishing or the like. For winter sports my invention will commonly be utilized with warm, heavy caps, whereas for summer sports it will be utilized with any form of light headwear employing a visor in association therewith.

My invention, in one of its aspects comprehends, broadly stated, an eyeshield and/or windshield so associated with the visor of the cap or the like that it may be snugly secured substantially flat against the under side of the visor when not in use, from which position it is adapted to be swung downwardly into operation before the eyes of the wearer whenever desirable for protective purposes.

The primary object of my invention is the provision of such a shield which may be associated in operative position with the visor without being unsightly and which will be available for ready and easy positioning as a shield before the eyes.

Another object is the positioning of the eyeshield so that it will, in use, surround the forehead of the wearer in such bowed conformity therewith as to shield the eyes of the wearer in front and at each outer side, without interruption of the field of vision.

A further object is to provide an eyeshield which may be readily attached to and detached from the visor of any cap, bandeau or the like which is suitably provided for its reception.

A cognate object is to so position the eyeshield before the eyes of the wearer that it will have the advantages of goggles while being free from many of the disadvantages of the latter.

Other objects are simplicity of construction, cheapness of manufacture and easiness of manipulation for assembly and disassembly and for operative and inoperative positioning.

Other objects and advantages of the invention will appear as the specific description thereof proceeds as taken in connection with the disclosures of the accompanying drawing, in which:

Fig. 1 is a side view in elevation of a visored cap showing one embodiment of my invention applied thereto in operative association;

Fig. 2 is a bottom plan view of the parts occupying the same relative position as illustrated in Fig. 1;

Fig. 3 is a plan view looking up under a cap visor and showing my invention associated therewith in inoperative position;

Fig. 4 is a sectional view taken along the line 4-4 of Fig. 3.

Proceeding now to a detailed description of my invention and referring first to Fig. 1 of the drawing which is illustrative of one embodiment of my invention, the reference character 10 indicates the skull part of a cap which is provided with a visor 11. The eyeshield 12, which is here shown in operative position, is made of a transparent sheet of material such as any one of the numerous materials generally known as synthetic plastics; it will be preferably tinted any color suitable for the protection of the eyes against glaring lights, such for instance as amber or green.

This eyeshield 12 has an outer, peripheral edge outline, as at 13, which is substantially coincident with the outer front edge of the visor 11, but is provided, as at 11', with a cutaway portion adapted to straddle the nose of the wearer when it is in operative position before the eyes. The inner edge 14 of the eyeshield 12 extends straight across the visor, when not in use, as shown in Fig. 3, but its longitudinal extremities, as at 15, are bowed rearwardly when it is adjusted in operative position before the eyes, in substantial conformation with the front of the skull part of the cap and with the forehead of the wearer, as shown in Fig. 2.

In Fig. 3 the eyeshield 12 is shown as being attached to the visor out of operative position, and it has, it will be seen, a hinged connection with the visor as is generally represented by the reference character H, which connection is positioned along the straight edge 14 at a point intermediate the extremities 15.

This hinged connection H comprises a short strip of leather, or of similar tough material, 16, suitably attached at one end 17 to the visor as by stitching, cementing or the like, where it is provided with a pair of one of the cooperating elements of a snap fastener, the cooperating pair of cooperating elements of which are attached to the other, free end 18 of the strip 16, to make up the two complete snap fasteners indicated by the reference numerals 18 and 20. The eyeshield 12 at a point corresponding with the location of the strip 16 is provided with an elongated slot 21, for the inserted reception of said strip. The end
of the strip 16, in assembly, is passed through the slot 21 and the respective snap fastener elements then brought into engaging position. Thus there is provided a hinged engagement of the eyeshield with the visor whereby the eyeshield may be swung into and out of operative position.

When there is no necessity for the use of the eyeshield, it may be swung outwardly and upwardly so as to engage the visor in substantially flat relationship and be secured in that position by means of a plurality of short tab-strips of leather or similar material, four of such tab-strips being shown and being respectively indicated by the reference numerals 22, 23, 24 and 25 with each of which snap fastener elements are associated as plainly illustrated in Figs. 1 to 4, inclusive.

In the case of the tab-strips 22 and 23 one end of each is attached to the visor in any suitable manner, and each is provided with one of the cooperative elements of a snap fastener, the other ends of said tabs being free and being provided with cooperating snap fastener elements, as clearly indicated in the drawing.

The eyeshield at points corresponding to the location of the attached ends of the tabs 22 and 23, is provided with apertures 26 and 27. In order therefore to secure the eyeshield to the visor at this point, the tabs 22 and 23 are passed about the edge of the former, after which the snap fastener elements may be lockedly secured to each other through the said apertures.

The tabs 24 and 25 are cementitiously or otherwise suitably attached to the under side of the eyeshield, as clearly shown in Fig. 3, and they are each provided with one of the members of a snap fastener on their free ends. The visor is provided, opposite the tabs 24 and 25, with snap fastener members 28 and 29 designed to engage lockedly with the cooperating members on the free ends of the tabs 24 and 25 when the latter are passed about the edge 14 and over the eyeshield.

To operatively position the eyeshield in front of the eyes of the wearer, the snap fastener members of the tabs 22, 23, 24 and 25 are disengaged thereby releasing the eyeshield and permitting it to be swung downwardly about the hinge H. At the inner side margins of the visor snap fastener members 30 and 31 are suitably attached. The outer extremities 15 of the eyeshield are then bowed backwardly until the snap fastener members on the tabs 24 and 25 are brought into registry with and lockedly engaged by the members 30 and 31. The eyeshield will thus be secured to the visor in bowed relationship substantially conforming with the front edges of the cap band, as appears in Figs. 1 and 2, and is thereby positioned in front and on each side of the eyes of the wearer, and affording complete protection for the eyes, both front and side, without interrupting the normal field of vision.

For some purposes it may be found desirable to render opaque the body of the eyeshield and provide eye-windows directly in front of the eyes, all as will be readily understood without further illustration.

The term "cap" as employed in the appended claims is to be construed as embracing any type of headgear which comprises a head-band and a visor.

I claim:

1. The combination with a cap having a visor, of an eyeshield having at least a portion thereof transparent, means including a flexible strap member, a snap fastener member carried thereby, and a cooperating snap fastener member on said visor for detachably and hingedly connecting said eyeshield to said visor substantially at the central portion of one edge of said eyeshield, the opposite edge of said eyeshield being substantially free of fastening means adjacent the central portion thereof so that being provided with a nose notch therein, snap fastener elements secured to said eyeshield adjacent the lateral extremities thereof and each including a member of a snap fastener element and positioned for cooperation with the snap fastener elements on said eyeshield for maintaining said eyeshield in operative position substantially flat against the visor, and a second set of snap fastener elements on said visor rearwardly of said first set and positioned to cooperate with the snap fastener elements on said eyeshield whereby to flex said eyeshield rearwardly in bowed position and substantially at right angles, rigidly with respect to said visor in operative position.

2. The combination according to claim 1 in which the visor has additional strap members secured thereto near the forward edge thereof, said additional strap members carrying additional snap fasteners, said eyeshield having openings through which said additional snap fasteners may engage with each other to assist in holding said eyeshield in operative position.

WILLIAM F. SERR.