Jan. 12, 1926. 1,569,658

D. LEVINSON

CAP

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Fig. 1.

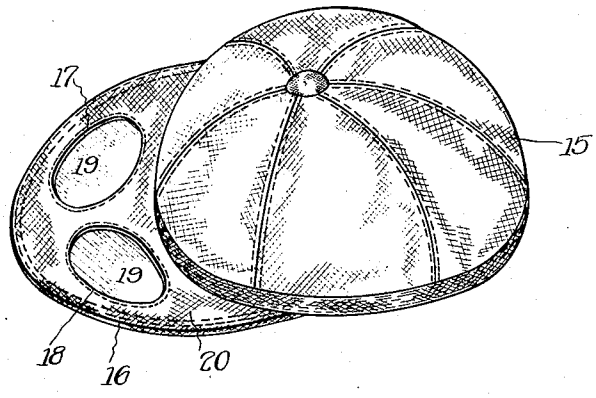


Fig. 2.

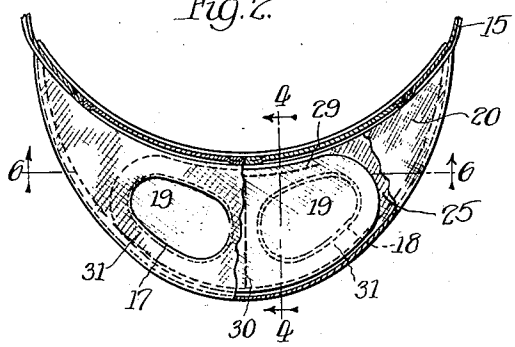


Fig. 4.

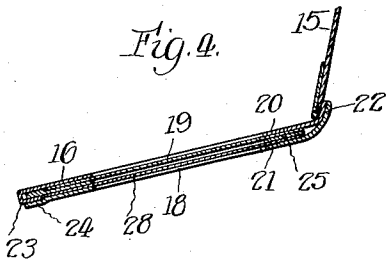


Fig. 5.

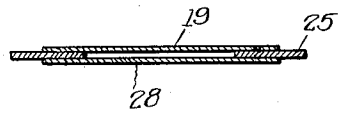


Fig. 3.

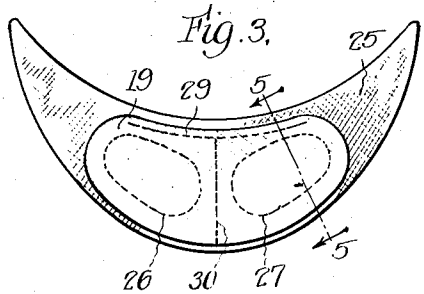
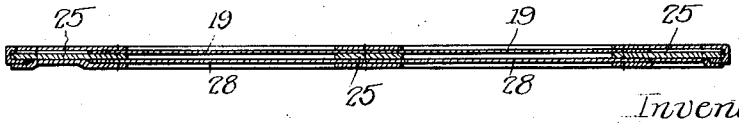


Fig. 6.



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CAP

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Fig. 7.

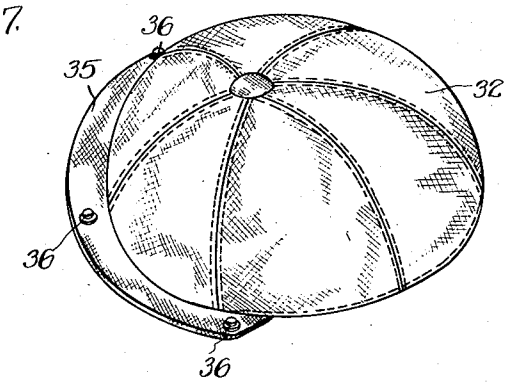


Fig. 14.

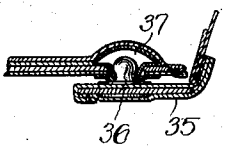


Fig. 8.

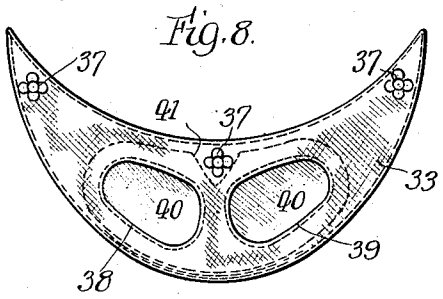


Fig. 9.

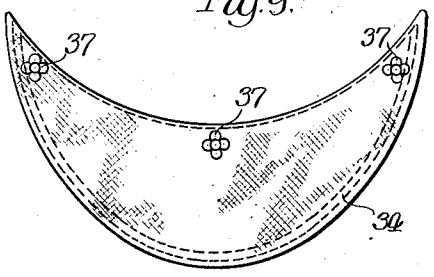


Fig. 10.

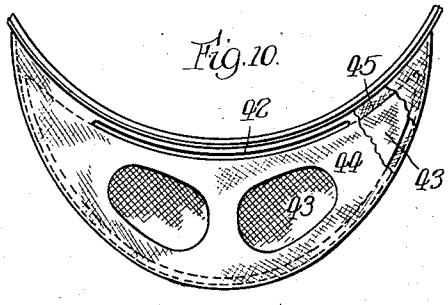


Fig. 11.

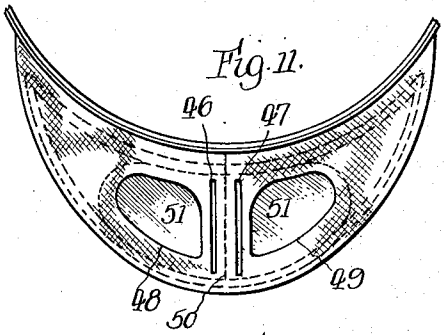


Fig. 13.

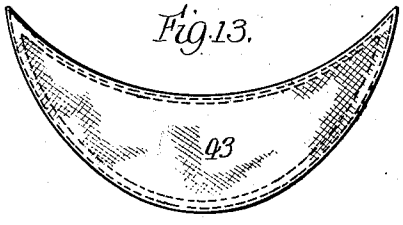
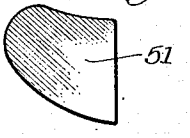


Fig. 12.



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Patented Jan. 12, 1926. 1,569,658

UNITED STATES PATENT OFFICE.

DAVID LEVINSON, OF CHICAGO, ILLINOIS, ASSIGNOR TO WILSON-WESTERN SPORTING GOODS CO., OF CHICAGO, ILLINOIS, A CORPORATION OF DELAWARE.

CAP.

Application filed May 10, 1923. Serial No. 638,019.

To all whom it may concern:

Be it known that I, DAVID LEVINSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Caps, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

The invention relates to caps and particularly to the type of caps usually worn by baseball players.

The invention has among its various objects the provision of a cap, the vizor of which is constructed with sight openings, so as to permit objects to be viewed through them without obstruction to the player's vision and to provide the vizor with suitably shaped, preferably colored, transparent portions, which are employed to soften the light rays, exclude an excess amount of light, and permit the player to view objects, and particularly what are known as "fly" balls, with great clarity.

It is a further object of the invention to provide a cap of the character above referred to which is constructed so as to allow detachable vizors of different forms and characters to be interchangeably associated with the cap, and to thereby allow the cap to be transformed from one having an ordinary vizor, useful as a non-transparent shield for the eyes, to one having transparent means whereby objects may be viewed through the vizor.

In addition to the above, it is an object to construct a vizor so that one or more clear or suitably colored, transparent portions may be associated with the vizor.

It is a further object to provide a construction which permits these clear or colored, transparent portions to be interchangeably associated with the vizor and to provide a pocket in the vizor for the reception of the transparent portions.

It is a feature of the invention to construct the vizor so that it will receive a plurality of these clear or colored, transparent portions and permit one or more of said portions to be changed independently of the other.

The invention will be explained and more readily understood when read in conjunction with the accompanying drawings, in which various embodiments of the invention are illustrated, it being, therefore, obvious that the invention is susceptible of further changes and modifications without departing from the spirit of the appended claims forming a part hereof.

In the drawings:

Figure 1 is a perspective view of a cap having the vizor permanently secured thereto, the vizor being provided with sight openings which are closed by suitable transparent elements.

Figure 2 is a top plan view and section of a portion of a cap, the covering of the vizor being broken away for the purpose of illustration.

Figure 3 is a top plan view of a vizor filler, to which the transparent portions hereinbefore referred to are secured, and which is arranged within the outer covering of the vizor.

Figure 4 is a section taken on line 4—4 of Figure 2.

Figure 5 is a section taken on line 5—5 of Figure 3.

Figure 6 is a section taken on line 6—6 of Figure 2.

Figure 7 is a perspective view of the crown of a cap, with an extension, showing one structure which may be employed whereby one vizor may be substituted for another and associated with the crown of a cap.

Figure 8 is a bottom plan view of a supplemental vizor provided with sight openings which are closed by transparent elements through which objects may be viewed.

Figure 9 is a bottom plan view of a detachable vizor having no sight openings or transparent elements, which detachable vizor may be used instead of the vizor shown in Figure 8.

Figure 10 is a bottom plan view of a modified vizor construction which may be employed, the vizor being provided with sight openings and a slit within which a single transparent element may be inserted.

Figure 11 is a bottom plan view showing still another modified form of vizor structure in which both of the transparent elements which are adapted to be associated with this form of vizor are separable from the vizor.

Figure 12 is a detail plan view of one of the transparent elements shown in Figure 11.

Figure 13 is a plan view of a filler which may be substituted for a transparent member, and associated with a vizor to form a vizor which is the ordinary non-transparent shield for the eyes.

Figure 14 is an enlarged, detail, sectional view of the front portion of a cap showing the extension from the crown of the cap and the manner in which the vizor may be associated with the cap.

In the structure illustrated in Figure 1 the crown 15 of the cap has the vizor 16 permanently secured thereto. This vizor is provided with a plurality of sight openings 17 and 18 which are designed to be closed through the medium of a single transparent closure member 19, which may be of celluloid or any other desired relatively flexible light-weight material.

The vizor of the structure illustrated in Figure 1 includes the outer casing or covering which is constructed of any suitable fabric and is composed of the pieces 20 and 21 which are fashioned in a manner to create or produce the desired shape, preferably crescent, to this portion of the cap. The inner edges of the pieces of fabric 20 and 21 are sewed or otherwise secured to the The opposite edge of the piece of fabric 20 which forms the outer edge of the vizor is crown 15 of the cap, as indicated at 22. folded back, as indicated at 23, and is secured to the fabric 21, as indicated at 24. The pieces of fabric 20 and 21 are each apertured to assist in forming the sight openings 17 and 18 in the vizor.

The filler, generally designated 25 and clearly illustrated in Figure 3, is interposed between these two pieces of fabric 20 and 21 and consists of a suitably shaped piece of relatively stiff material, such as cardboard, fibre, or other similar material. This filler 25 is provided with sight openings 26 and 27 which are spaced apart from each other a suitable distance and register with the sight openings 17 and 18. The transparent member 19, of celluloid, or other desired material, is placed upon one side of the filler 25 and another transparent member 28 of the same material, is arranged upon the opposite side of the filler, and these are both secured to the filler 25 by being sewed or otherwise secured thereto, as indicated by the lines of stitching 29 and 30. When these several elements are arranged in the relative position just described all of said elements are further secured together by being sewed around the sight openings, as indicated at 31.

The structure just described provides an inexpensive and efficient arrangement of cap and vizor which will permit the wearer to look through the vizor without interference, as it is manifest that in many instances, in the playing of the game of baseball, the player is compelled to look into the rays of the sun, which prevent him from seeing the ball which interferes with his proper playing of the game.

In the structure illustrated in Figure 7 a means is illustrated whereby the crown 32 of the cap may have interchangeably associated therewith vizors of different characteristics, as, for instance, the vizors 33 and 34 illustrated in Figures 8 and 9, one of which is provided with sight openings, such as hereinbefore referred to, and the other being without sight openings. To secure this advantage of interchangeability the crown of the cap is provided with a segmental extension 35, which, as clearly illustrated in Figure 14, is built up so as to provide the necessary stiffness to this portion. This segmental extension 35 is further provided with a plurality of studs 36 which are adapted to cooperate with the plurality of sockets 37 provided adjacent the inner edge of the vizors 33 and 34, illustrated in Figures 8 and 9. The studs and sockets 36 and 37 are similar in construction to the ordinary glove snap fastener and will, therefore, not be described in detail herein. The vizor illustrated in Figure 8 is provided with sight openings 38 and 39 which are also closed by a suitable clear or colored, transparent element 40 which, in this instance, is of sufficient size to extend and close both of the sight openings 38 and 39. This transparent member 40 is secured to the vizor in any suitable manner, as by sewing it to the material forming the vizor. In the particular structure shown in Figure 8 the transparent member 40 is cut away, as indicated at 41 to allow the transparent member 40 to be arranged between the portions forming the vizor without interference with the central socket 37 which is secured to the vizor.

In Figures 10 and 11 are illustrated two structures whereby one or more transparent or non-transparent members may be removably or interchangeably associated with the vizor or substituted for each other. The particular arrangement whereby this interchange of elements may be accomplished, as illustrated in Figure 10, involves the provision in the upper, outmost covering of the vizor of a longitudinal, arcuate slit which is arranged between the outer edge of the vizor and the crown of the cap, which will allow a filler, such as illustrated in Figure 13 and designated 43, to be inserted into the pocket formed by the material or fabric 44 and 45 of the vizor. It is understood that the fabric or material 44 and 45 will be provided with one or more sight openings, such as hereinbefore re-

ferred to, to thereby permit objects to be viewed by looking through said sight openings in the vizor. It will be understood also that the filler 43 illustrated in Figure 13 may be of either a transparent or non-transparent character, depending upon the desire of the wearer.

In the structure illustrated in Figure 11 the upper outermost fabric which forms part of the pocket is provided with a pair of slits 46 and 47 which are arranged parallel to each other and transversely to the length of the vizor. The material forming the pocket in the vizor is also provided with the sight openings 48 and 49 and is stitched, as indicated at 50, to divide the pocket into two separate pockets. Each of these pockets is adapted to receive an element, such as that illustrated in Figure 12 and designated 51, which is adapted to be inserted into either of said pockets and may also be either of a transparent or non-transparent character. When it is desired to associate the element 51 with the vizor the smaller end thereof will be inserted into one of the slots 46 or 47 and moved across the sight openings 48 or 49 until it is wholly inserted into the pocket. This structure will prevent the accidental removal of the element 51 and maintain it in its proper relative position with respect to the other portions of the structure.

It is manifest that the structures illustrated in Figures 10 and 11 may be substituted for those illustrated in Figures 1 to 6, as it is not necessary that the particular structures illustrated in Figures 10 and 11 be confined in their use to a structure such as that illustrated in Figure 7.

From the foregoing description it is evident that an extremely simple and efficient arrangement of cap and vizors is provided, whereby the player will be assisted in playing the game without interference from the glaring rays of the sun. It is also manifest that the elements employed are capable of substitution or interchange so that a vizor of either a transparent or non-transparent character can be produced. It is further manifest that a means is provided whereby vizors of different forms may be interchangeably associated with the crown of a cap.

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

1. A visor formed to provide a pocket for the reception of transparent material, a sight opening provided in the visor, and a slot provided in the material forming the pocket through which the transparent material may be passed to close the sight opening provided in said visor.

2. A visor formed to provide pockets for the reception of transparent material, sight openings provided in the visor and slots provided adjacent each sight opening to permit the introduction of said transparent material into said pockets to close said sight openings.

3. A visor formed to provide a pocket for the reception of transparent material, a sight opening provided in the visor, a slot provided in the material forming the pocket through which the transparent material may be passed to close the sight opening provided in said visor, said visor having an edge which is curved to substantially correspond with the curve of the circumference of a crown with which the visor is adapted to be associated, and means provided adjacent said edge for detachably securing the visor to the crown.

4. A visor formed to provide pockets for the reception of transparent material, sight openings provided in the visor, slots provided adjacent each sight opening to permit the introduction of said transparent material into said pockets to close said sight openings, said visor having an edge which is curved to substantially correspond with the curve of the circumference of a crown with which the visor is adapted to be associated, and means provided adjacent said edge for detachably securing the visor to the crown.

In witness whereof, I hereunto subscribe my name this 8th day of May, A. D. 1923.

DAVID LEVINSON.