H. F. SHINDEL.

VENTILATED GOGGLES.

APPLICATION FILED APR. 10, 1919.

1,322,834. Patented Nov. 25, 1919.

Fig. 1.

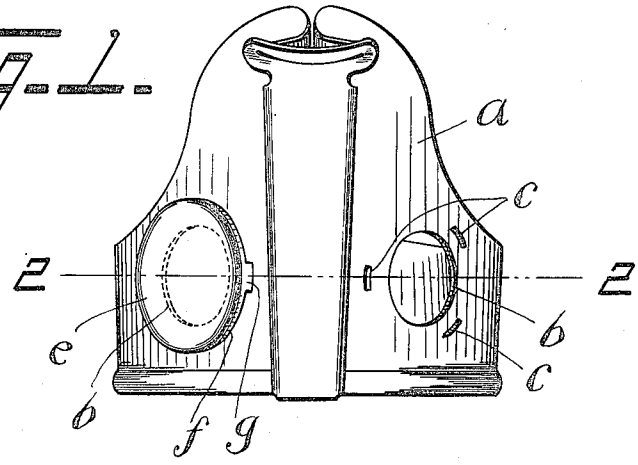
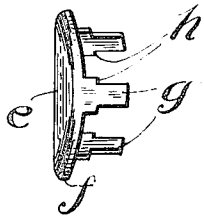


Fig. 3.



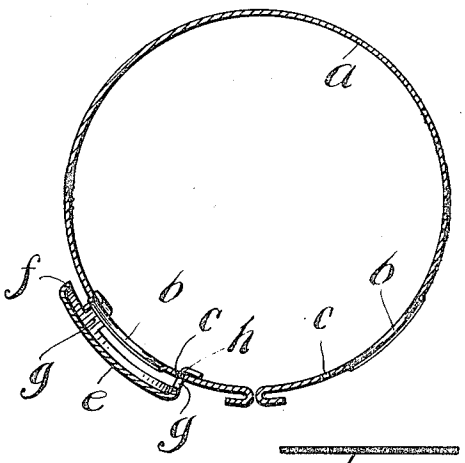


Fig. 2.

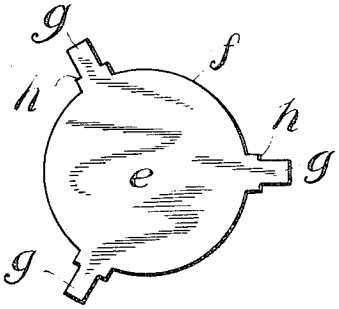


Fig. 4.

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UNITED STATES PATENT OFFICE.

HARRY F. SHINDEL, OF READING, PENNSYLVANIA, ASSIGNOR TO T. A. WILLSON & CO., INC., OF READING, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

VENTILATED GOGGLES.

1,322,834. Specification of Letters Patent. Patented Nov. 25, 1919.

Application filed April 10, 1919. Serial No. 289,121.

To all whom it may concern:

Be it known that I, HARRY F. SHINDEL, a citizen of the United States, residing at Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Ventilated Goggles, of which the following is a specification.

My invention relates to goggles in which ventilating openings are employed in connection with means for baffling the admission of light and foreign matter therethrough; my object is to provide a very simple, neat and economical construction for such purpose. The invention is fully described in connection with the accompanying drawing and is specifically pointed out in the subjoined claim.

Figure 1 is an end elevation of a goggle cup showing two ventilating openings one of which has my improved baffle plate applied thereto.

Fig. 2 is a cross-sectional view on the line 2—2 of Fig. 1.

Fig. 3 shows my completely formed baffle plate separately, and Fig. 4 shows the sheet material blank from which the same is formed.

The drawing illustrates a folded and clamped sheet-material goggle cup *a* such as is shown in my prior Patent No. 1,296,707 issued Mar. 11, 1919, excepting as to my present improvement applied thereto. Each of the two ventilating openings *b b* which are shown in the illustrated cup, is of circular form, and has a plurality of smaller apertures *c c* near its marginal edge; said opening and apertures being punched in the wall-forming blank. The baffle device provided for so covering this ventilating opening *b* as to exclude objectionable admission of light and foreign matter to the eye cup, is designed to effect these essential purposes and at the same time produce a strikingly neat appearance, with the greatest possible economy and permanence in construction; and to these ends it is made from a simple sheet-material punching or blank, such as is shown in Fig. 4, and which is readily formed into the complete device shown in Fig. 3 by means of suitable dies; said device comprising merely a main cover-plate portion *e*, curved to conform with the curvatures of the cup wall, and having a roundingly-turned circular edge *f* arranged to extend toward the cup wall and overlap the edge of the ventilating opening; and a plurality of perpendicularly turned clamping ears *g g*, corresponding in number and spacing with the apertures *c c* in the cup wall, and formed with off-sets *h h* arranged to seat against said wall when the clamping ears are engaged in said apertures, so as to fixedly space the cover plate therefrom when the device is rigidly secured to the cup wall by clenching the extending clamping ears as indicated.

My invention as set forth provides a specifically novel construction serving perfectly the recognized requirements as to ventilating effect with needed protection, and also as to desired neatness of appearance and avoidance of weightiness and bulk, with a maximum of economy and permanence in construction.

What I claim is—

In combination with a goggle eye-cup having its wall provided with a ventilating opening and a plurality of apertures adjacent said opening; a sheet-material baffle plate comprising a cover portion having a turned edge overlapping the edge of said opening, and spaced clamping ears extending from said turned edge through said apertures and formed with off-sets seating against said wall to space said cover portion therefrom.

In testimony whereof I affix my signature.

HARRY F. SHINDEL.