

H. A. CORBETT.
EYE PROTECTOR.
APPLICATION FILED MAY 31, 1911.

1,025,124.

Patented May 7, 1912.

Fig. 1.

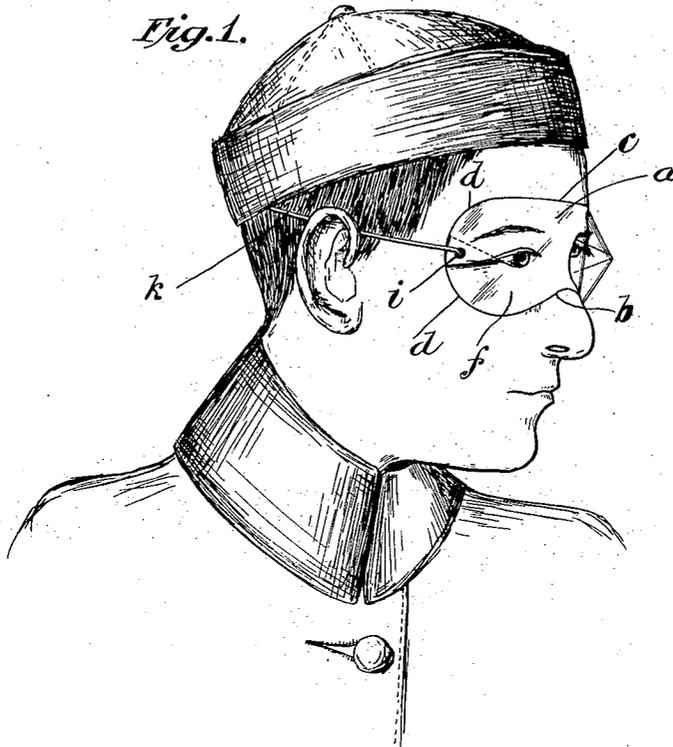
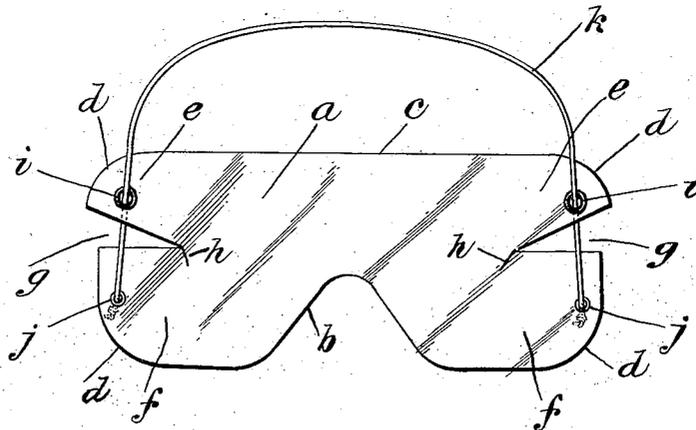


Fig. 2.



Attest:
E. Mering
Eugene Mering.

Harry A. Corbett Inventor:
by *Frank J. Wentworth*
his Atty.

UNITED STATES PATENT OFFICE.

HARRY A. CORBETT, OF NEW YORK, N. Y.

EYE-PROTECTOR.

1,025,124.

Specification of Letters Patent.

Patented May 7, 1912.

Application filed May 31, 1911. Serial No. 630,353.

To all whom it may concern:

Be it known that I, HARRY A. CORBETT, a subject of the King of Great Britain and Ireland, residing at the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Eye-Protectors, of which the following is a specification, reference being had therein to the accompanying drawings, which form a part thereof.

My invention relates to eye protectors and more particularly to a type thereof adapted to be positioned in front of the eye in a manner to protect the eye from dust, dirt and the elements.

The main object of the invention is to provide an eye protector which when not in use will lie perfectly flat so as to be readily carried in the hat band or pocket of the user and which when adjusted to the face of the wearer will automatically shape itself so as to present a substantially flat sight area, will fit snugly to the brow and cheeks, and will be drawn upon the temples in a manner to completely inclose the eye sockets.

A further object is to provide a protector of this character which when adjusted to the wearer will present no crevices through which dust, dirt or wind might reach the eye of the wearer.

A still further object is to provide a protector of this character which will place no limitation upon the normal range of vision of the wearer, thus securing a condition which will approximate the normal condition when the eye is unprotected.

A still further object is to provide a protector of this character, the front sight areas of which will be so stiffened by the adjustment of the protector to the face as to prevent a head wind from flexing these portions of the protector sufficiently to drive them inwardly against the eye.

A still further object is to provide a protector of this character which will fit snugly and comfortably upon the face of the wearer without lending a grotesque or unsightly appearance. And a still further object is to provide a protector which may be inex-

pensively produced while accomplishing the results above referred to.

The invention consists primarily in an eye protector, as a new article of manufacture, comprising a flat sheet of flexible transparent material, having bifurcated ends, and drawing means attached to one of the forks of each end and passing through the other, whereby when said drawing means are taken up the opposite forks at each end will lap and project at substantially right angles to the portion of the sheet between said ends; and in such other novel features of construction as are hereinafter set forth and described, and more particularly pointed out in the claims hereto appended.

Referring to the drawings:—Figure 1 is a perspective view of the eye protector adjusted to the face of the wearer; and Fig. 2 is a view of the protector removed and lying flat.

Like letters refer to like parts in both of the said views.

In the embodiment of my invention shown in the drawings, *a* indicates a substantially oblong sheet of transparent flexible material such as celluloid or gelatin, the former being preferred because unaffected by water, the lower edge of which sheet is recessed, as at *b*, to conform to the bridge of the nose of the wearer, while the top edge thereof is substantially straight, the corners *d* being rounded to secure a better finish and to avoid the presence of points which might prove a source of annoyance and discomfort to the wearer. The opposite side edges of the sheet are bifurcated so as to permit the upper and lower arms *e* and *f* of said side edges to be drawn together and lapped to provide a side closure extending to the temple, to inclose the sides of the eye socket and prevent dust, dirt and the elements from passing behind the protector. The recesses forming the forks or arms, which recesses are indicated at *g*, are triangular or gore shaped and the body of the sheet at the apices of the triangles so formed is notched or cut downward as at *h* to compensate for the lapping of the adjacent edges of the

arms *e* and *f*. These arms *e* and *f* are provided respectively with a reinforcing eyelet *i* and *j*, the eyelets *i* being sufficiently larger than the eyelets *j* to permit said eyelets to nest one within the other in a degree sufficient to avoid bulkiness at this point.

Normally the sheet *a* assumes a perfectly flat position, although its flexibility will permit it to be forced into any shape convenient for storage purposes.

To adjust the protector to the face of the wearer, to secure it in position, and to bring it to the desired form when so adjusted and positioned, I provide drawing means, as the cord *h* attached by means of the eyelet *j* to one of the arms as *e* in a manner to cause it to pass over the front surface of said arm, said drawing cord being thereafter passed outwardly through the eyelet *i* carried by the other arm *f*. To cause the cord *h* to draw the ends tightly upon the temple of the wearer, the eyelets *i* are positioned adjacent the lower edge of said arm *e* so that when said drawing cord is tightened it will apply pressure along the lapped edges of the arms *e* and *f*. The cord *h* is permitted to run freely through the eyelets *i*, and is preferably of elastic material so that it will automatically adjust itself to different sized heads, although such elasticity is not essential.

As above stated, when the protector is not in use it lies flat and possesses a degree of flexibility which will permit it to be carried in a hat band or, if desired, to be placed in an ordinary envelop and carried in the pocket, thus being capable of being conveniently carried. When it is desired to adjust it to the face, it is merely necessary to place the nose recess in position and force the drawing cord *h* over and about the head of the wearer. The mere act of so applying the cord pulls the bifurcated ends of the sheet rearwardly, draws the forks or arms *f* upwardly and the arms *e* downwardly, lapping the inner edges thereof and shaping the entire sheet to the face in the manner shown in Fig. 1 of the drawings. The notch or cut *h* permits the edges of the arms *e* and *f* to freely lap without buckling at the angle of the recess *g* and at the same time permits the formation of a corner at the bend of the rearwardly extended sides of the protector. The cord *h* holds the side edges down upon the temples of the wearer and thus not only prevents the formation of openings about the rearward extensions of the protector, but also imparts sufficient rigidity to said rearward extensions to hold the front or sight area of the protector sufficiently flat and rigid. The formation of the lapped extensions is due to the mode of operation of the drawing means which serve also to guide the arms when lapping and

prevent collision of said arms. The formation of the corners by the rearward extensions spaces the protector away from the eye, thus permitting glasses to be worn under the protector, if desired.

The entire protector being of transparent material, the flesh tints will show readily through all parts thereof, so that the protector is not only inconspicuous, but is hardly discernible. The protector may be readily adjusted to the wearer and as readily removed, the flexibility inherent to the material of which it is formed immediately restoring it to the flat position when it is removed.

It is not my intention to limit the invention to the precise conformation of the sheet shown in the accompanying drawings, it being apparent that such may be varied without departing from the spirit or scope of the invention.

Having described my invention, what I claim as new and desire to have protected by Letters Patent, is:—

1. As a new article of manufacture, an eye protector comprising a normally flat sheet of flexible transparent material having bifurcated ends the opposite arms of which are movable relative to each other, and drawing means carried by one of the arms of each end and sliding freely through the other whereby when said drawing means are taken up the opposite arms at each end will be temporarily lapped and projected at substantially right angles to the portion of the sheet between said ends.

2. As a new article of manufacture, an eye protector comprising a normally flat sheet of flexible transparent material having bifurcated ends the opposite arms of which are movable relative to each other, reinforcing eyelets adjacent the end of each arm of each end, and drawing means passed outwardly through the eyelets of both arms of each end and being secured at its ends to the lowermost arm of each end of said sheet and sliding freely through the eyelet of the upper arm, whereby when said drawing means are taken up the opposite arms at each end will be temporarily lapped, projected at substantially right angles to the portion of the sheet between said ends, and be held together by said drawing means.

3. As a new article of manufacture, an eye protector comprising a normally flat sheet of flexible transparent material having bifurcated ends the opposite arms of which are movable relative to each other, reinforcing eyelets adjacent the ends of each arm of the ends of said sheet, one of said eyelets being smaller than, and adapted to nest within the other, and drawing means passed outwardly through the eyelets of both arms of each end and being secured at its ends

to the lowermost arm of each end of said
sheet and sliding freely through the eyelet
of the upper arm, whereby when said draw-
ing means are taken up the opposite arms
5 at each end will be temporarily lapped, pro-
jected at substantially right angles to the
portion of the sheet between said ends, and
be held together by said drawing means.

In witness whereof, I have hereunto af-
fixed my signature, in the presence of two 10
witnesses, this 18th day of May, 1911.

HARRY A. CORBETT.

Witnesses:

OTTO MUNK,
EUGENE WENING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
