Feb. 24, 1925. 1,527,237

G. L. TULLY

GOGGLES

Filed Nov. 30, 1923

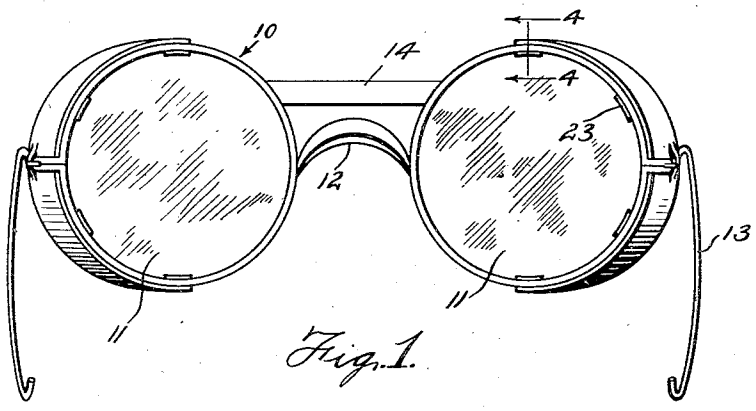


Fig. 1.

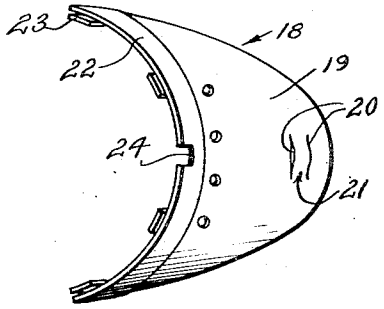


Fig. 2.

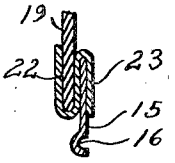


Fig. 4.

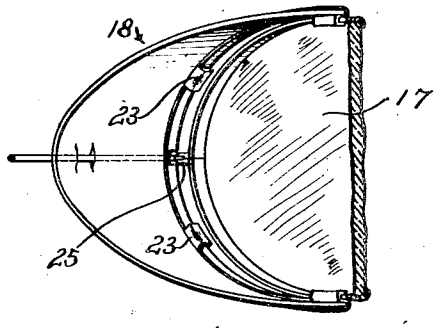


Fig. 3.

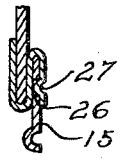


Fig. 5.

INVENTOR
George L. Tully.
BY
Harry H. Stull.
ATTORNEY

Patented Feb. 24, 1925. 1,527,237

UNITED STATES PATENT OFFICE.

GEORGE L. TULLY, OF SOUTHBRIDGE, MASSACHUSETTS, ASSIGNOR TO AMERICAN OPTICAL COMPANY, OF SOUTHBRIDGE, MASSACHUSETTS, A VOLUNTARY ASSOCIATION OF MASSACHUSETTS.

GOGGLES.

Application filed November 30, 1923. Serial No. 677,345.

To all whom it may concern:

Be it known that I, GEORGE L. TULLY, a citizen of the United States, residing at Southbridge, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Goggles, of which the following is a specification.

The present invention relates to an improved form of goggle and has particular reference to a side guard therefor that may be easily placed upon and removed from the goggle when it is so desired.

A very important object of this invention is to provide a goggle of this nature wherein the guard may be removed from the goggle when it is desired, but on the other hand it will be of such a nature that when it is placed upon the goggle it will be entirely satisfactory to the user and will not become accidentally displaced.

Another very important object of the invention is to provide a goggle of this nature that will be very strong, durable, comparatively simple and inexpensive in construction and one that will be especially well adapted to the uses for which it is designed.

Other objects and advantages of the invention will become apparent during the course of the following description.

In the drawings, wherein like numerals are employed to designate like parts throughout the same,

Figure 1 is a front elevation of a pair of goggles constructed in accordance with my invention,

Figure 2 is a perspective view of the invention,

Figure 3 is a fragmentary perspective view of a pair of goggles illustrating my invention in use,

Figure 4 is a fragmentary sectional view taken on line 4—4 in Figure 1, and

Figure 5 is a section as taken on line 4—4 of a modified form of the invention.

In the drawings, wherein for the purposes of illustration is shown the preferred embodiment of the invention, the numeral 10 designates the goggle in its entirety and comprises the eye portions 11, bridge 12, temples 13 and brace portion 14. The eye portions 11 consist of a preferably metallic band portion 15 having the groove 16 formed therein, adapted to receive the lens 17, as will readily be understood. The band 15 will be of a substantial width, as is shown in Figures 4 and 5 of the drawing, so as to permit of the placement of the guard 18, as shown in Figure 1. The guard 18 is formed from a preferably pliable material 19 such as leather, for instance, and has the slits 20 to form the member 21 adapted to encircle the temple 13 when in use.

The portion 19 of the guard 18 is carried by a metallic member 22, which is formed from a strip of preferably metallic material which is bent around the said portion 19, as is clearly shown in Figure 4 and is crimped thereon to prevent displacement. The fingers 23 are formed integral with the metallic rib 22 and are adapted to be slipped over the edge of the band 15 of the eye piece 11. The rib 22 is provided with a suitable cut out portion 24, as is clearly shown, to permit of the guard being slipped into position and without interfering with the temple joint 25. Of course, the fingers 23 will be of sufficient length to maintain the guard 18 in position, but will not interfere or contact with the lens 17. In Figure 5 of the drawings is shown a modification wherein the band 15 of the eye piece is provided with a plurality of apertures 26 adapted to receive nibs 27 formed on the fingers 23. The nibs 27 when received in the apertures 26, will absolutely prevent any displacement of the guards 18 when in use, but due to the fact that the fingers 23 are formed of a resilient material the guard may be removed when it is desired. The temple 13, passing through the slits 20, allowing the portion 21 to embrace the said temple, will adequately hold the flexible portion 18 in position at the same time allowing of the removal of the entire guard when the guards are not needed with the balance of the goggle.

When a flexible member 19 is used, the temples 13 may be swung down into an inoperative position without any difficulty, thus permitting of the retention of the guard 18 upon the goggle when the same is folded up and not in use.

It will thus be seen that I have devised a form of guard for goggle wherein the guard may be used or not, depending upon the desires of the user, said guard being easily placed upon or removed from the goggle

without in any way destroying the goggle or interfering with the lenses.

It is to be understood that the form of my invention herewith shown and described is to be taken as the preferred embodiment of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of my invention or the scope of the subjoined claims.

Having thus described my invention, what I claim is:

1. In a goggle, a rim for holding a lens, having an inwardly extending flange, a temple pivotally attached to the rim, a foldable shield having means for detachably engaging the temple, and a portion adapted to follow the contour of the rim, a metallic bent piece around the rim portion of the shield, and spring clips on the bent piece adapted to detachably engage the rim flange, said shield member being adapted to close and open with the travel of the temple.

2. In a goggle, a rim for holding a lens, having an inwardly extending flange, a foldable shield having a portion adapted to follow the contour of the rim, and a metallic bent piece around the rim portion of the shield, said piece having a reverse loop for fixedly holding the shield member between the folds thereof, and a second reverse loop adapted to frictionally engage the flange of the rim between the folds thereof, whereby it may be slipped on and off the rim.

3. In a goggle, a rim for holding a lens, having an inwardly extending flange, a foldable leather shield having a portion adapted to follow the contour of the rim, and a metallic bent piece around the rim portion of the shield, said piece having a reverse loop for fixedly holding the leather shield between the folds thereof, and a second reverse loop adapted to frictionally engage the flange of the rim between the folds thereof, whereby it may be slipped on and off the rim.

4. In a goggle, a rim for holding the lens, having an inwardly extending flange, a temple pivotally attached to the rim, a foldable leather shield having a slit through which the temple is passed, a portion adapted to follow the contour of the rim, and a bent metallic piece around the rim portion of the shield, said piece having a reverse loop for fixedly holding the leather shield member between the folds thereof, and a second reverse loop adapted to frictionally engage the flange of the rim between the folds thereof whereby it may be slipped on and off the rim, said leather shield member being adapted to close and open with the travel of the temple.

GEORGE L. TULLY.