Sept. 13, 1927. 1,642,661

J. LA R. ROBINSON

EYE BANDAGE

Filed Oct. 16, 1924

Fig. 1.

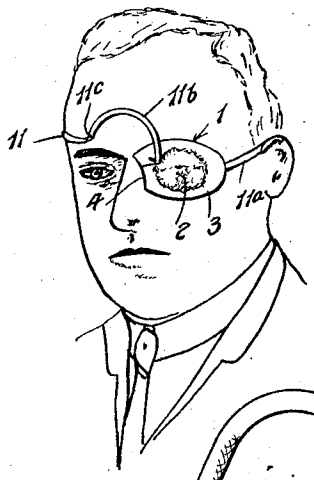


Fig. 3

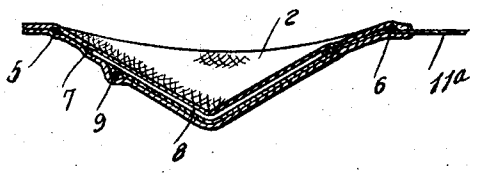


Fig. 2.

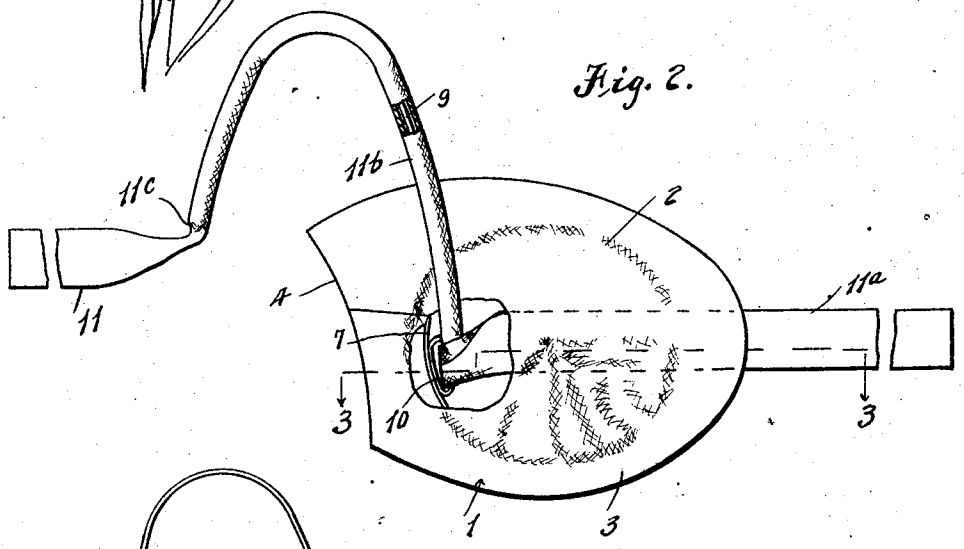
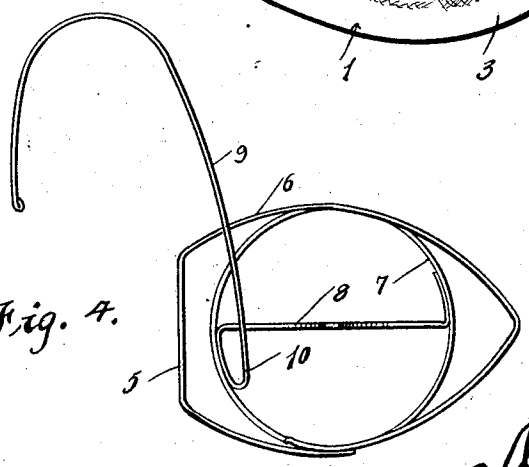


Fig. 4.



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Patented Sept. 13, 1927. 1,642,661

UNITED STATES PATENT OFFICE.

JOHN LA RUE ROBINSON, OF RENO, NEVADA, ASSIGNOR TO J. L. ROBINSON, INC., OF RENO, NEVADA, A CORPORATION OF NEVADA.

EYE BANDAGE.

Application filed October 16, 1924. Serial No. 744,016.

This invention relates to eye bandages, and has for its primary object the provision of an article of this character which may be readily secured in properly applied position by an unskilled person.

A further object of the invention is the provision of an eye bandage which will not press against or injure the eye ball, and which may be applied with equal facility to persons wearing short or long dressed hair.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawing, wherein:

Figure 1 is a view illustrating the application of my improved bandage,

Figure 2 is a detail view in side elevation of the bandage, a portion of the shield being broken away to illustrate the manner in which the brow bar is connected to the shield,

Figure 3 is a sectional view taken on the horizontal plane indicated by the line 3—3 of Figure 2, and

Figure 4 is a detail view in side elevation of the brow bar and the form maintaining and reinforcing frame.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawing by like reference characters.

The bandage comprises a shield 1 which embodies a concavo-convex central portion 2 and a flange portion 3 extending laterally from the inner edge of the concavo-convex portion. When the bandage is in applied position, the concavo-convex portion 2 occupies a position directly in front of the eye and the flange portion 3 engages the forehead, cheek and temple, as shown in Figure 1. The inner end of the flange portion 3 is curved as shown at 4 to conform to the side of the nose adjacent the eye to which the bandage is applied. The shield 1 is, as shown in Figure 3, made up of plies or layers of fabric or any other suitable material, and between the plies or layers of fabric a form maintaining and reinforcing frame 5 is secured. The frame 5 includes a member 6 which while smaller than the flange portion 3, is substantially similar in outline to and embedded in this portion. The frame 5 also includes a ring 7 and an angular rod 8 extending diametrically of the ring, these parts being embedded in and secured to the concavo-convex portion 2. A curved brow bar 9, extending upwardly from the frame 5 adjacent the inner end of the shield 1, occupies a position in front of the forehead, as shown in Figure 1. The brow bar 9 is provided at its lower end with a loop 10. The form maintaining and reinforcing frame 5 and the brow bar 9 may be made of light wire or any suitable material. A head strap, which includes flat portions 11 and 11^a and an intermediate tubular portion 11^b, is employed to secure the shield 1 in position. The tubular portion 11^b of the head strap encases the brow bar 9 to prevent its direct contact with the forehead. The flat portion 11 of the head strap extends from the upper end of the bar 9, and the flat portion 11^a extends from the outer end of the shield 1. The flat portion 11^a of the head strap enters the shield 1 and is secured to and between the plies or layers of fabric thereof, and it is wrapped one or more times about one side of the loop 10, as shown in Figure 2, to prevent any upward movement of the tube 11^b with respect to the brow bar 9. The upper end of the tube 11^b is closed as shown at 11^c to prevent any downward movement of the tube 11^b with respect to the brow bar 9. The head strap may be made of fabric or any other material suitable for the purpose, and the free ends thereof are tied together in rear of the head to secure the bandage in applied position.

As the concavo-convex portion 2 of the shield 1 is located directly in front of the eye ball, and as the flange portion 3 of the shield engages the forehead, cheek and temple, it should be apparent that the bandage cannot press against or injure the eye. As the brow bar 9 extends upwardly from the inner end of the shield 1 in front of the forehead, there is no possibility of the bandage interfering with the vision of the other eye. Due to the fact that the portion 11 of the head strap extends from the upper end of the brow bar 9, and due to the fact that the portion 11^a of the head strap extends from the outer end of the shield 1, the bandage may be readily secured in properly applied position by an unskilled person regardless of the style in which the hair of the person is worn. The bandage is simple, durable

and inexpensive to manufacture. In view of the manner in which the head strap is connected to the frame 5, to the fabric plies or members of the shield 1, and to the brow bar 9, it is impossible for the head strap to become detached.

It should be understood that the drawing is merely illustrative and does not pretend to give exact proportions. Furthermore, the said drawing is illustrative of a preferred construction, it being my expectation that various changes and modifications may be made without departing from the spirit and scope of my invention.

What is claimed is:—

1. An eye bandage comprising a shield, a brow bar extending upwardly from the inner end of the shield, and a head strap having its intermediate portions surrounding and connected to the brow bar.

2. An eye bandage comprising a shield, a curved brow bar extending upwardly from the inner end of the shield, and a head strap having its intermediate portion surrounding and connected to the brow bar.

3. An eye bandage comprising a shield of flexible material, a form maintaining and reenforcing frame embedded in the shield, a brow bar connected to and extending upwardly from the frame and provided with a loop at its point of connection therewith, and a head strap connected to the loop and surrounding the brow bar.

In testimony whereof I affix my signature.

JOHN LA RUE ROBINSON.