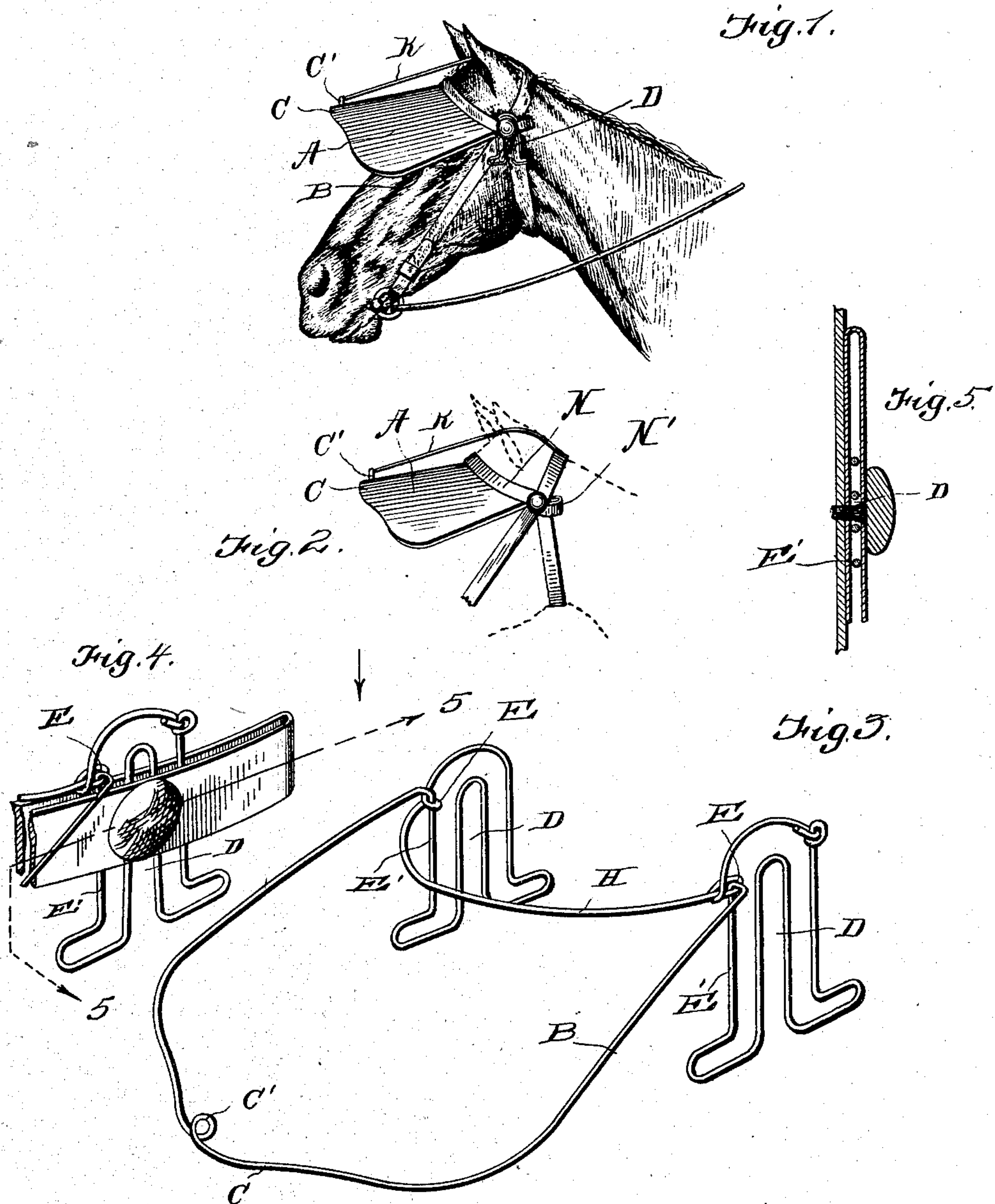


No. 749,405.

PATENTED JAN. 12, 1904.

L. A. SOUTHERN.
EYE PROTECTOR FOR HORSES.
APPLICATION FILED AUG. 18, 1903.

NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

LEONARD ANDERSON SOUTHERN, OF STOKESDALE, NORTH CAROLINA.

EYE-PROTECTOR FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 749,405, dated January 12, 1904.

Application filed August 18, 1903. Serial No. 169,905. (No model.)

To all whom it may concern:

Be it known that I, LEONARD ANDERSON SOUTHERN, a citizen of the United States, residing at Stokesdale, in the county of Guilford and State of North Carolina, have invented certain new and useful Improvements in Eye-Protectors for Horses; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in eye-protectors for horses, and comprises a shade which is adapted to be held adjacent to the brow-band and suitably connected to the bridle in such a way as to afford a shade to the eyes of the animal and protect the same from the glaring sun or from the elements.

My invention consists, further, in various details of construction and in combinations and arrangements of parts, which will be hereinafter fully described, and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

Figure 1 is a perspective view of my invention shown as applied to the head of a horse. Fig. 2 is a slightly-modified form. Fig. 3 is a detail view of the skeleton framework of the shade. Fig. 4 is a perspective view showing the manner in which the wire is held in the loop in the brow-band, and Fig. 5 is a sectional view on line 5 5 of Fig. 4.

Reference now being had to the details of the drawings by letter, A designates a shade, which may be of any suitable shape and of any material.

B designates a skeleton framework, conforming to the contour of the shade upon which it is mounted and has preferably a forwardly and outwardly projecting point C, carrying an eye C', and said skeleton framework, which is made preferably of a single piece of wire, is bent to form slots D D intermediate the two

portions of the wires, which are bent upon themselves, and thence portions of the wires are bent to form coils or eyes E, through which the vertical portions E' of the wires pass, the portions of the wires which pass through said coils being bent at right angles to form the outer marginal supporting portions to the shade, while an intermediate portion of the wire H is curved to conform to the brow-band of the bridle.

In order to hold the point of the shade from sagging, a cord or strap K is fastened to the eye on said point and its other end may be attached to the headstall in any suitable manner.

In adjusting the shade to a bridle the portions of the wire which are bent upon themselves to form slots are pushed down through the loops at the ends of the brow-band and where a rosette is fastened to the bridle, and the marginal edges of the wires forming the slots will be disposed on either side of the fastening of the rosette, as shown clearly in Figs. 4 and 5 of the drawings, and when the slots formed in the wire are thus fastened in the loops the shade will be held securely in the position illustrated in Fig. 1 of the drawings. By this arrangement the shade may be easily applied to any bridle either with or without the rosettes.

If preferred, the frame to the shade described may be dispensed with and a solid shade, as disclosed in the modification, may be employed instead, in which case the solid shade would be fastened direct to the brow-band N, having loops N' at the ends thereof, which are adjusted in place by passing portions of the headstall through said loop.

From the foregoing it will be observed that by the provision of a shade embodying the features illustrated in my drawings a humane means is provided for protecting the eyes of horses both from the sun, from the glare, and from rain or sleet, and a device is produced which may be easily and quickly attached to any bridle.

While I have shown a particular construction of apparatus embodying the features of my shade for the eyes of animals; it will be understood that I may make changes in the details of construction of the device, if de-

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sired, without departing from the spirit of the invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An eye-protector for horses, the same comprising in combination with a bridle, a shade, a skeleton frame therefor made of wire and comprising an extended securing-loop, and a brow-piece connected therewith and securing portions bent at angles to the brow-piece to form slots for engagement with loops on the bridle-band, as set forth.

2. An eye-protector for horses, the same comprising in combination with a bridle-band with loops at its ends, a shade having a skeleton frame made of a single piece of wire which is bent to form the marginal outline of the shade, and a brow-piece at the rear thereof, and also bent at a right angle to form two slots which are designed to engage said loops

in the bridle-band, whereby the shade may be held as a vizor against the brow-band of the bridle, as set forth.

3. An eye-protector for horses comprising in combination with a bridle-band with loops at its ends, a shade having a skeleton frame made of a single piece of flexible wire which is bent to form the marginal outline of the shade, and provided with two portions which are bent upon themselves forming slots adapted to engage said loops of the bridle-band, and connections between the forward end of the shade and the bridle for supporting the same, as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

LEONARD ANDERSON SOUTHERN.

Witnesses:

R. S. WILLIAMS,
A. A. GANT.