

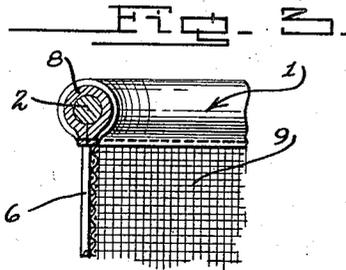
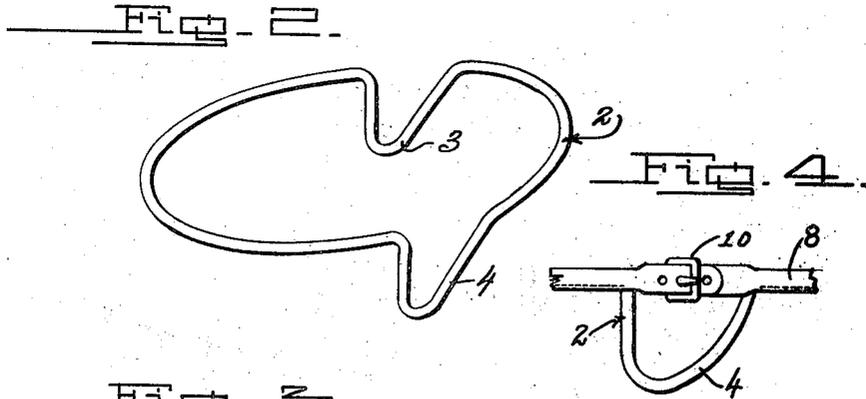
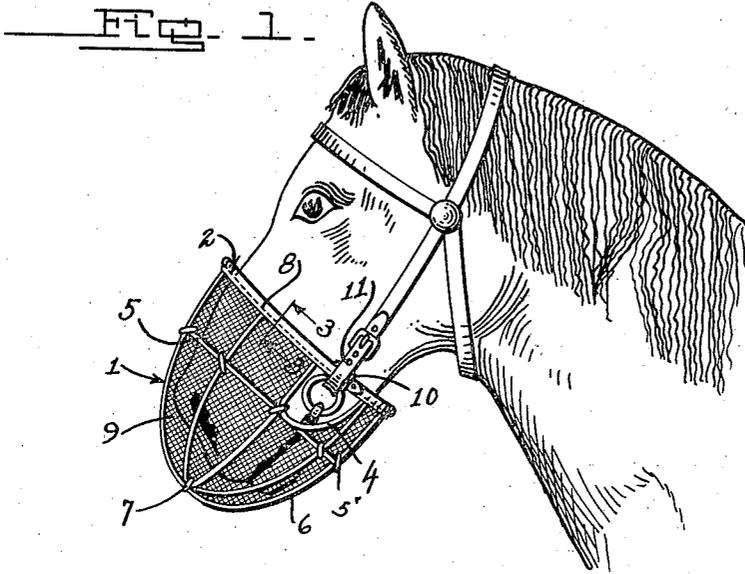
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W. D. NELSON

NOSE FLY SHIELD FOR HORSES

Filed Aug. 16, 1923



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UNITED STATES PATENT OFFICE.

WILLIAM D. NELSON, OF TERRIL, IOWA.

NOSE FLY SHIELD FOR HORSES.

Application filed August 16, 1923. Serial No. 657,706.

To all whom it may concern:

Be it known that WILLIAM D. NELSON, a citizen of the United States, residing at Terril, in the county of Dickinson and State of Iowa, has invented certain new and useful Improvements in Nose Fly Shields for Horses, of which the following is a specification.

This invention relates to a nose fly shield for animals, principally horses and has for its principal object to provide a device which is especially adapted for the purpose of shielding the nose of a horse from flies and more particularly those commonly known as nose flies which largely prevail in certain section of the country.

Another important object of the invention is to provide a nose fly shield of the above mentioned character, which is of such a construction as to enable the same to be easily and quickly adjusted in position upon the nose of the animal and will not interfere with the bit which is held in the mouth of the animal.

A still further object of the invention is to provide a nose fly shield of the above mentioned character which is of such a construction as to enable the same to be carried by or connected to the cheek strap of the bridle of the harness so that the same may be taken off together with the bridle without the necessity of having first to remove the shield from the nose of the animal.

A further object of the invention is to provide a nose fly shield of the above mentioned character, which is simple in construction, inexpensive, strong and durable and further well adapted for the purposes for which it is designated.

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

In the accompanying drawings forming a part of this specification and in which like numerals designate like parts throughout the same.

Figure 1 is a side elevation of my nose fly shield showing the same in position on the head of a horse.

Figure 2 is a perspective view of the upper band of the shield

Figure 3 is a sectional view taken on line 3—3 of Figure 1, and

Figure 4 is a detail view of the fastening means associated with the other band.

In the drawings wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 1 designates generally the frame of my nose fly shield and comprises an upper band 2. This upper band 2 is formed of a single strand of wire so constructed as to be provided with depressed or downwardly extending portions 3 and 4 which are arranged diametrically opposite each other in the manner clearly shown in Figure 2 of the drawings. The purpose of these depressed portions will hereinafter be more fully described. A suitable band 5 formed of similar material is adapted to be associated with the upper band 2 of the frame in a manner which will also be more fully described.

In forming the frame of my nose fly shield, I provide suitable U shaped members 6 formed of the same gauge of wire as the bands 2 and 5 and these U shaped members have their upper free ends adapted to be bent around in engagement with the upper band 2 at opposite points and are secured thereto by any suitable fastening means such as solder or the like. It is also seen in Figure 1 of the drawing that the band 5 is adapted to cooperate with the sides of the U shaped members 6 adjacent the upper ends thereof and the band 5 is secured to the arms of the U shaped members by any suitable fastening means such as shown, is shown at 5 prime in the drawings.

Any suitable number of these U shaped members 6 may be used and they are adapted to cross each other at the base portion thereof and are furthermore held together as shown as 7 in the drawing. In this manner a bag like frame is produced which will fit over the nose of the animal as clearly shown in Figure 1.

The upper band 2 is furthermore adapted to be enclosed by means of leather casings designated by the numeral 8 in the drawing. These leather casings are adapted to have their free ends provided with the usual buckle and strap connections as shown at 10 in the drawings, and these buckle and strap connections are so arranged with respect to the frame as to be disposed directly over the depressed portions whereby the band 2 may be drawn together whenever desired, and furthermore may also be adapted to be released from its compressed or contracted position when the buckle and strap

connections are unfastened or loosened. The leather casings 8 furthermore provide means for securing the upper edges of the suitable meshing 9 which fits over the entire inner surface of the frame with the exception of the cut out portions or depressed portions 3 and 4 provided in the upper band. Suitable stitching is used in fastening the upper edges of the wire meshing 9 to the casings 8, the latter being adapted to prevent the band 2 from rubbing against the nose of the animal and thereby preventing injury thereto.

The purpose of the provision of the depressed portions 3 and 4 in the upper band 2 is to provide a means for permitting the bit of the horse to be disposed therethrough when the nose fly shield is in position upon the head of the animal and thereby enabling the bit to properly be supported in the mouth of the animal without interfering with the nose guard. The nose fly shield is furthermore supported in position upon the head of the animal by means of the cheek straps 11 of the bridle. The cheek straps 11 are adapted to enclose the buckle and strap connections 10 provided on the free ends of the casings 8 and are furthermore connected to the bit in the well known manner. In this manner the nose fly shield may be easily and quickly secured in position upon the bridle of the harness and when once placed in position it is not necessary to further connect the nose fly shield with the various parts of the bridle in order to support the same in position on the head of the animal. To furthermore enable the nose fly shield to maintain the proper position, the buckle and strap connections and casings may be adjusted to the desired position as seen fit.

The simplicity of my nose fly shield renders the same very efficient and its use will in no way interfere with the movement of the bit in the mouth of the horse. Furthermore the simplicity of my nose fly shield renders the same obtainable at a minimum cost and does not require the use of a number of complicated connecting means for

supporting the same in proper position on the nose of the horse.

What is termed as a nose fly is an insect which is largely found in the northern and northwestern parts of the country and this insect differs from what is usually known as a horse fly or an ordinary common fly. However, my nose fly shield will not only prevent nose flies from bothering the animal, but will also prevent any other insect from reaching the nostrils or other parts of the head of the animal, upon which my shield is used.

From the foregoing description of the construction of my improved apparatus, it will be seen that I have provided a simple, inexpensive and efficient means for carrying out the objects of the invention, and while I have particularly described the elements best adapted to perform the functions set forth, it is obvious that various changes in form, proportion and in the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the principles of the invention.

Having thus described by invention, what I claim is:

A nose fly shield for animals comprising a frame including an upper band formed of a single strand of wire and provided with depressed portions arranged in opposite sides thereof, a lower band adapted to be positioned parallel with the upper band, U shaped members connected at their upper free ends to said upper band at opposite points thereof, the intermediate portions of said U shaped members being connected to said lower band, said U shaped members secured together at their intersection with each other at the bases thereof, a wire netting over said frame and secured to casings extending around the upper band, adjustable means associated with said casings, and adapted to extend over said depressed portions, and supporting straps associated with said casings for attaching said frame to the bridle of a harness.

In testimony whereof I affix my signature.
WILLIAM D. NELSON.