

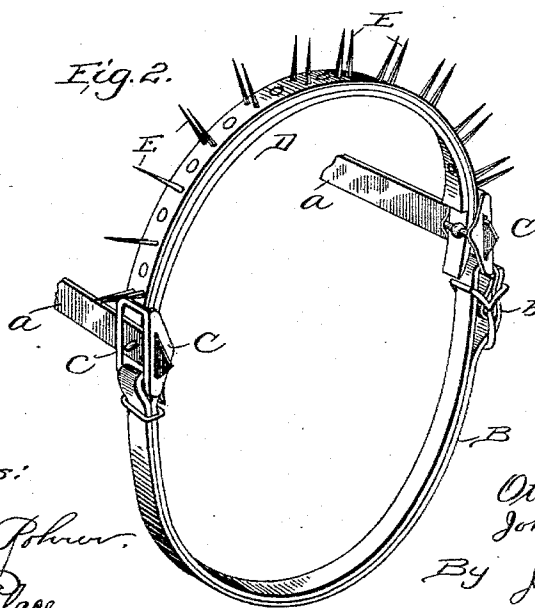
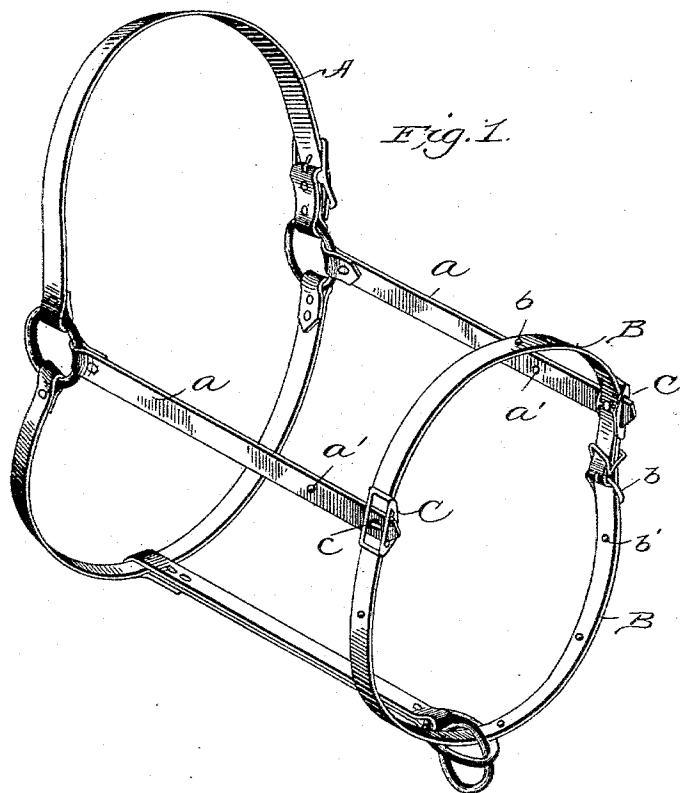
(No Model.)

2 Sheets—Sheet 1.

O. E. & J. E. SCHOW.
COMBINED HALTER AND WEANING MUZZLE.

No. 563,721.

Patented July 7, 1896.



Witnesses:

Harry E. Johnson.
Chas. A. Place.

Inventors:
Ottinus E. Schow
John E. Schow

By J. F. Beale.

(No Model.)

2 Sheets—Sheet 2.

O. E. & J. E. SCHOW.
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Fig. 4.

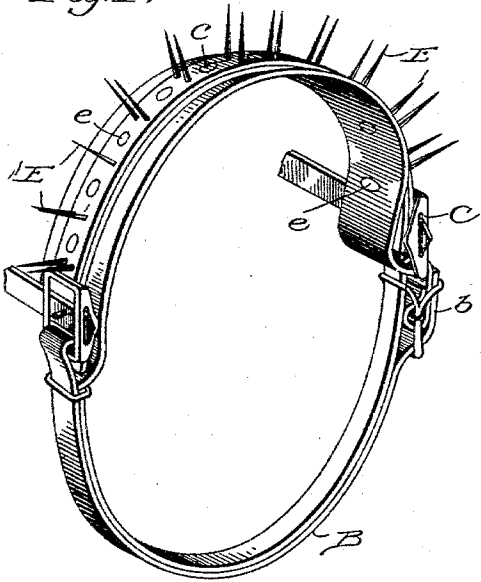


Fig. 6.

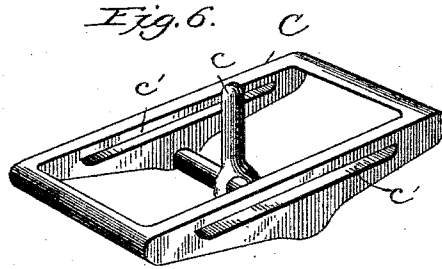


Fig. 7.

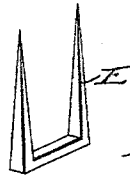
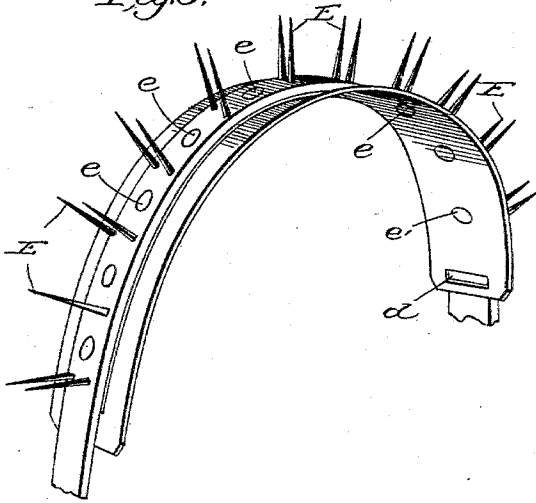
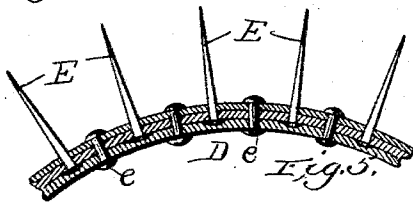


Fig. 8.



Fig. 3.



Witnesses:

Harry D. Pomeroy.

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By

J. F. Beale

Att'y

UNITED STATES PATENT OFFICE.

OTTINUS E. SCHOW AND JOHN E. SCHOW, OF CLIFTON, TEXAS, ASSIGNORS
TO P. E. SCHOW & BROTHERS, OF SAME PLACE.

COMBINED HALTER AND WEANING-MUZZLE.

SPECIFICATION forming part of Letters Patent No. 563,721, dated July 7, 1896.

Application filed February 5, 1895. Serial No. 537,339. (No model.)

To all whom it may concern:

Be it known that we, OTTINUS E. SCHOW and JOHN E. SCHOW, citizens of the United States, residing at Clifton, in the county of Bosque and State of Texas, have invented certain new and useful Improvements in a Combined Halter and Weaning-Muzzle; and we do hereby 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.

Our invention relates to improvements in combined halters and weaning-muzzles.

The object of our invention is to provide a combined halter and weaning-muzzle, the halter being adapted for use independently of the muzzle and the latter being detachably connected to the halter.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a halter embodying our invention with the weaning-band detached. Fig. 2 is a perspective view of our halter, showing the weaning device attached. Fig. 3 is a detail view in section of the weaning device or band. Fig. 4 is a detail view of a modification of our means for attaching the weaning-muzzle. Fig. 5 is a detail view of a modification of our means for securing the prongs to the muzzle. Fig. 6 is a detail view of our halter trimming or buckle. Fig. 7 is a detail view of one of the prongs detached, and Fig. 8 is a modification of our means for bracing the prongs.

Referring more particularly to the drawings, A denotes a halter having the nose and chin strap B formed in one piece provided with a buckle *b* and detachably connected to the cheek-straps *a a* by the buckles or trimmings C C, as shown in Fig. 1. In Fig. 2 said strap B forms the chin-strap only, and is disconnected from the tongues of the trimmings C C and looped through the bars thereof instead, thus giving place for the attachment to the tongues of said trimmings of the weaning nose-band.

D denotes the weaning nose-band, formed of three straps or thicknesses of material. Through the middle and upper thicknesses of

material project a series of prongs E E, arranged crosswise thereof in pairs and formed of one piece of flattened metal having a common head, as shown in Fig. 7. *e* denote metal rivets passing through said straps between each pair of prongs, thus securing the materials together and clamping and bracing the prongs in position upon each side. The flat head of the prongs is held between the lower strap and the middle strap. The former prevents their downward escape or pressure upon the nose of the animal, while the latter prevents their upward escape. The upper or top strap is made of metal, and serves to brace and hold the ends of the prongs together. In Fig. 5 we have shown a modification of this arrangement, in which the middle strap is made of metal and the upper and lower straps of leather. Again, in Fig. 8 we have shown a modification in which instead of a single metal strap we provide a series of metal clamps, perforated and adapted to engage with each pair of prongs.

In Fig. 4 we show a weaning nose-band formed of three straps, the lower one of which is longer, its ends extending downwardly and provided with slots *d*, through which passes the chin-strap B.

Our halter-trimmings C C serve to connect the cheek-straps to the nose-band B to form the halter proper, as shown in Fig. 1, or to connect the weaning nose-band. As shown in Fig. 6, said trimming is framed like a bar-buckle and is provided with a rigid tongue *c* and slots or openings *c' c'*, formed in the side bars, through which pass the ends of the cheek-straps.

In order to provide ample space for the accommodation of the intersecting straps in the center and connection of the strap B when used as a chin-strap, said trimmings have the side bars amply rockered, as shown. The cheek-straps are provided with perforations *a'* to shorten the same, if desired, and the band B of the halter proper is provided with perforations *b* above as well as below, as shown in Fig. 1, in order that the upper part or nose-band of the muzzle may be adjustable, as well as the under part or chin-strap.

It will be found in practice that our inven-

tion dispenses with the necessity heretofore
of providing both a common halter and a
weaning-halter for each animal. It will also
be found that the construction disclosed is of
5 great advantage in preventing the loosening
and dislodgment of the prongs of the wean-
ing nose-band. Again, by the arrangement
of the prongs in pairs crosswise of the wean-
ing nose-band there is less liability of injur-
10 ing the mother, as the two prongs, being near
together and at equal elevations around the
nose, will generally bear at the same time and
prevent either from entering too far, as the
pressure is divided between them.
15 Having thus described our invention, the

following is what we claim as new therein and
desire to secure by Letters Patent:

In a halter the combination of a chin-strap
and nose-band made in one piece, a weaning
nose-band, and means for detachably con- 20
necting and interchanging said nose and
weaning nose band, substantially as shown
and described.

In testimony whereof we hereunto affix our
signatures in presence of two witnesses.

OTTINUS E. SCHOW.
JOHN E. SCHOW.

Witnesses:

JNO. ANDERSON,
AMOS BASS.