

J. T. BAUER.
 CALF AND COW WEANER.
 APPLICATION FILED MAY 23, 1917.

1,237,278.

Patented Aug. 21, 1917.

Fig. 1.

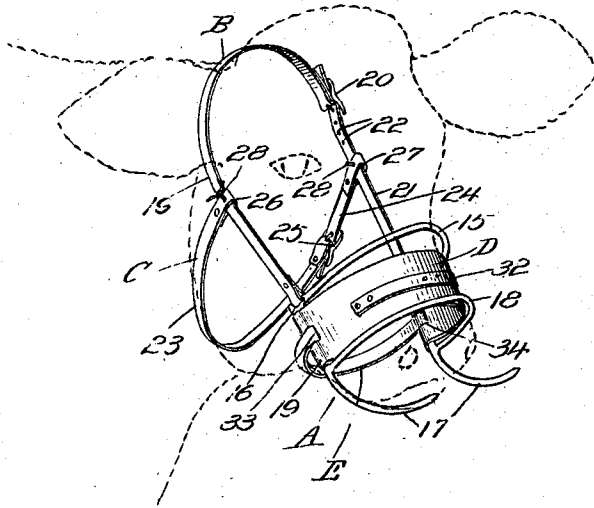


Fig. 2.

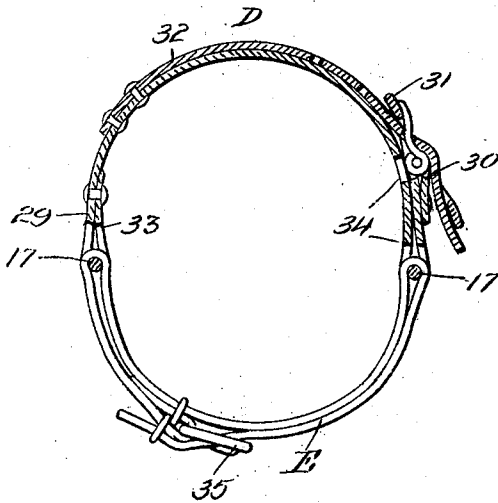
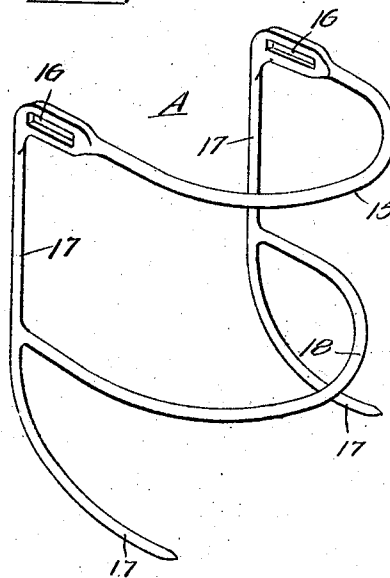


Fig. 3.



WITNESSES:

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CALF AND COW WEANER.

1,237,278.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed May 23, 1917. Serial No. 170,503.

To all whom it may concern:

Be it known that I, JOHN T. BAUER, a citizen of the United States, residing at Cameron, in the county of Milam and State of Texas, have invented new and useful Improvements in Calf and Cow Weaners, of which the following is a specification.

This invention relates to calf and cow weaners and it has for its object to produce a simple, improved and effective device of this class which may be applied either to a calf or to a cow for the purpose of weaning the same.

A further object of the invention is to produce a simple, improved and effective device of this class including a harness or supporting device which is so constructed as to permit extensive adjustment thereof to fit the size of the head of the animal to which it is to be applied.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claim.

In the accompanying drawing has been illustrated a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the claim may be resorted to when desired.

In the drawing:

Figure 1 is a perspective view of the improved device showing also in dotted lines the head of an animal to which it is applied.

Fig. 2 is a sectional view taken through the nose band and the chin strap.

Fig. 3 is a perspective view showing the frame detached from the harness.

Corresponding parts in the several figures of the drawing are denoted by like characters of reference.

The frame of the improved device which is generally designated by A consists of a yoke 15 each limb of which is provided near the end thereof with a longitudinal slot 16. Each limb is also provided with a prong 17 extending substantially at right angles thereto said prongs being slightly curved. A second yoke or arch 18 connects

the prongs 17 about midway of their length. The yoke 15 and prongs 17 may be made, by bending, from a metallic rod of proper dimensions, and the yoke or arch 18 may be welded or otherwise secured on the prongs so as to form a rigid frame structure. A head stall is provided the same comprising the crown strap B and the bolt latch C. The crown strap is composed of two members one of which, 19, is connected at one end with one of the slots 16, said member carrying at its other end a buckle 20; the other member of the crown strap, designated by 21, is connected at one end with the other slot 16, its other end being adjustably connected with the buckle 20 for which purpose it is provided with a plurality of perforations 22 for the reception of the tongue of the buckle. The crown strap may thus be adjusted as to the length thereof, enabling it to be fitted to the heads of animals of various sizes.

The throat latch is composed of two members 23 and 24 adjustably connected together at one end through the medium of a buckle 25 carried by one of said members. The other ends of the respective members 23 and 24 are formed with terminal loops 26 and 27 that slidably engage the members 19 and 21 of the crown strap. The loops 26 and 27 may be adjustably connected with the members 19 and 21 by means of tie strings 28 for the passage of which the loops and the members 19 and 21 are suitably perforated. The throat latch is thus adjustably mounted and secured with respect to the crown strap in a very simple and effective manner, and without the use of buckles or similar fastening devices.

D designates a nose band which is of a width approximately equal to the distance between the yoke 15 and the arch 18 between which the said nose band is positioned. The nose band is provided at one end with a loop 29 surrounding one of the prongs 17; the other end of the nose band terminates in a tongue 30 which is bent around the other prong 17 and is provided with a buckle 31 adjustably engaged by a billet strap 32 which is secured on the external face of the nose strap.

The side walls or side members of the loop 29 are provided with slots 33 through which is threaded the chin strap E, said chin strap being also threaded through slots 34 in the body and tongue portions D and

30 of the nose band, several such slots being provided so that at various adjustments of the nose band two such slots may be brought into alinement for the passage of the chin strap. The chin strap is provided at one end with a buckle 35 with which its other end is adjustably engaged.

It will be readily seen that by proper adjustment of the chin strap and of the nose band, the said band and strap may be fitted snugly on the head of an animal, the device being secured by proper application and adjustment of the crown strap and throatlatch. The yoke 15 and arch 18 will extend forwardly of the head of the animal and the prongs 17 will extend downwardly, being bent slightly in a forward direction, said prongs being so proportioned as to terminate about even with the mouth of the animal. When applied to a calf, the prongs will prick the udder of the cow when the calf attempts to feed and the cow to protect itself will chase the calf away. In like

manner the device may be usefully applied to cows who are in the habit of sucking their own milk.

Having thus described the invention, what is claimed as new is:

In a weaner, a frame comprising a yoke having limbs provided with longitudinal slots near the ends thereof, each limb being provided with a curved prong extending substantially at right angles thereto, an arch rigidly connecting the prongs together, a head stall connected with the slots in the limbs of the yoke, a nose band engaging the prongs intermediate the yoke and the arch and adjustably connected therewith, said nose band having portions provided with slots, and a chin strap threaded through such slots and having end portions surrounding the prongs and adjustably connected together.

In testimony whereof I affix my signature.

JOHN T. BAUER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."