J. ZENKE.

COW TAIL HOLDER.

APPLICATION FILED MAY 1, 1914.

1,141,746. Patented June 1, 1915.

Fig. 1.

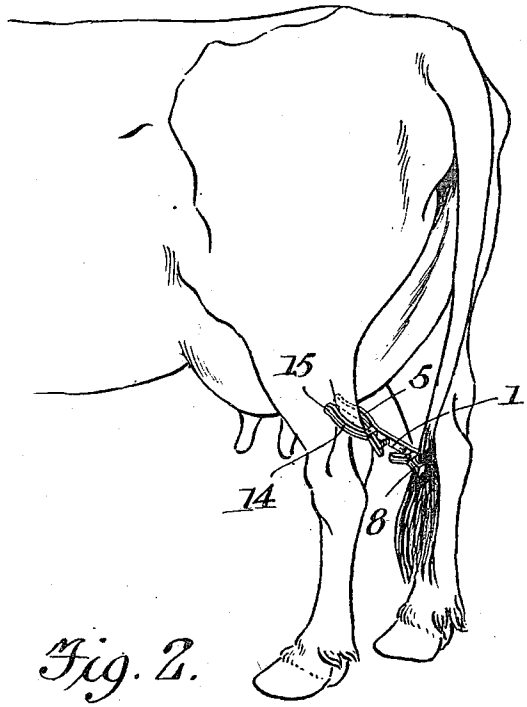


Fig. 2.

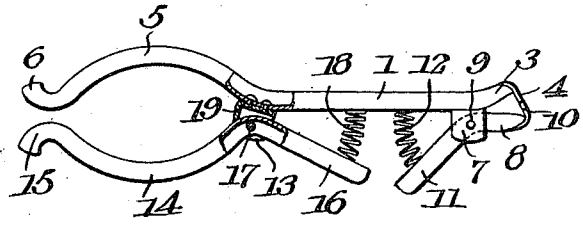
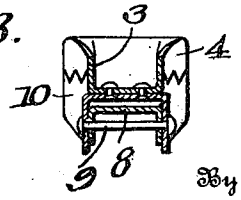


Fig. 3.



Witnesses

Hugh H. Ott

J. W. Garner

Inventor

Julius Zenke

By Victor J. Evans

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JULIUS ZENKE, OF DAKOTA, MINNESOTA.

COW-TAIL HOLDER.

1,141,746. Specification of Letters Patent. Patented June 1, 1915.

Application filed May 1, 1914. Serial No. 835,727.

To all whom it may concern:

Be it known that I, JULIUS ZENKE, a citizen of the United States, residing at Dakota, in the county of Winona and State of Minnesota, have invented new and useful Improvements in Cow-Tail Holders, of which the following is a specification.

This invention is an improved cow tail holder, the object of the invention being to provide an improved device of this character which is to hold the tail of a cow while the cow is being milked and thereby prevent the cow from switching her tail, a specific object of the invention being to provide an improved device of this character which has a clamp at one end to engage the gambrel of the cow's hind leg without pinching the same and is provided at the other end to engage and hold the tail.

The invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—Figure 1 is an elevation of a cow tail holder constructed in accordance with my invention, showing the same in use. Fig. 2 is a plan of the same. Fig. 3 is a transverse sectional view of the same on a plane disclosing the pivot of the smaller pivoted jaw.

In the embodiment of my invention I provide an arm 1 which constitutes the main member of the holder and is preferably made of channel iron. This arm is formed at one end with a jaw 3 which presents a serrated outturned edge 4 and is formed at the other end with a substantially semi-circular jaw 5, which has a rounded and outturned outer end 6. The channel of the said main member 1 is in the outer side thereof and extends from end to end of said member.

On the flat side of the member 1 near the jaw 3 is a substantially U-shaped hinge clip 7 the central portion of which is riveted to the member 1 or otherwise suitably secured thereto.

A jaw 8 which is also preferably made of channel iron, is pivoted, as at 9, between the arms or lugs of the clip 7 and the said jaw 8 has a serrated edge 10 adapted to close against and intermesh with the serrated edge 4 of the jaw 3. Said jaw 8 also has a lever arm 11 which is arranged opposite the straight portion of the main member 1. A spring 12 is arranged between said arm 11 and the main member, its ends being secured thereto, and said spring acts to normally close the jaw 8 against the jaw 3 and when the device is in use, these jaws constitute a clamp for engaging and holding the cow's tail.

I also provide a hinge clip 13 which is substantially U-shape and is riveted or otherwise suitably secured on the back of the member 1 at the inner end of the jaw 5 thereof. In association with the jaw 5 I provide a jaw 14 which is preferably made of channel iron, is curved reversely to the jaw 5, has a rounded outer end 15,—and also has an arm 16. This jaw 14 is pivoted as at 17 between the lugs or arms of the clip 13 and a spring 18 is provided which is arranged between the arm 16 and the member 1 and serves to close the jaw 14 toward the jaw 5. The hinge clip 13 is formed on the side nearest the ends of the jaws 5 and 14 with a stop 19 which is formed integrally therewith and is turned outwardly toward the jaw 14, this stop being engaged by said jaw so that said jaw prevents it from closing tightly against the jaw 5.

The jaws 5 and 14 constitute a clamp for engaging the gambrel of one of the cow's hind legs so as to secure the device to the hind leg and hence holding the tail from switching. Owing to the provision of the stop on the hinge clip 13 the spring which operates the jaw 14 is prevented from closing said jaw so tightly against the jaw 5 as to pinch and hurt or annoy the animal.

Having thus described my invention, I claim:—

The herein described cow tail holder comprising a main member having fixed jaws at opposite ends thereof, U-shaped clips secured to said main member near its ends, and a pair of jaws pivotally mounted in said clips and respectively opposed to the first named jaws and each provided with a lever arm, said fixed jaws and pivotally mounted jaws forming clamps at opposite ends of the

holder, one of said clamps being adapted to engage the gambrel of the leg and the other clamp being adapted to engage the tail, the clip of the pivoted gambrel engaging jaw being provided with a flange at one side forming a stop to prevent said pivoted jaw from closing against the fixed gambrel engaging jaw and springs to normally hold the pivoted jaws in engaged position and arranged between the main member and the lever arms of the pivoted jaws.

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

JULIUS ZENKE.

Witnesses:
JOHN W. DANEHOWER,
EMMER SMITH.

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