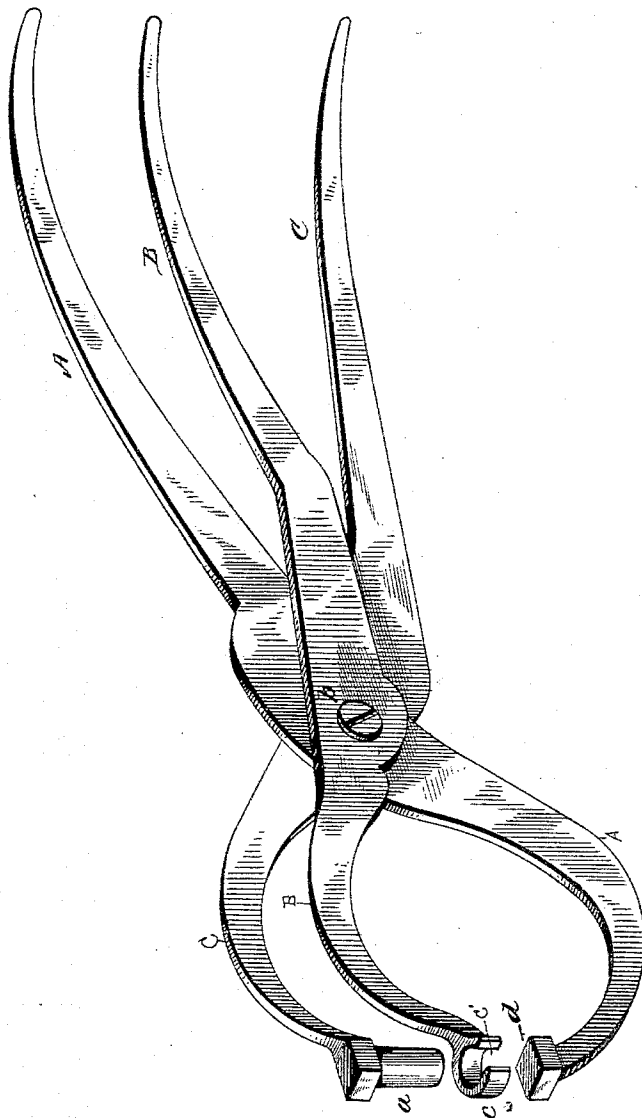


(No Model.)

T. BUTTERWORTH.
BULL RINGER.

No. 339,526.

Patented Apr. 6, 1886.



Witnesses
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UNITED STATES PATENT OFFICE.

THEODORE BUTTERWORTH, OF QUINCY, ILLINOIS.

BULL-RINGER.

SPECIFICATION forming part of Letters Patent No. 339,526, dated April 6, 1886.

Application filed June 27, 1885. Serial No. 169,998. (No model.)

To all whom it may concern:

Be it known that I, THEODORE BUTTERWORTH, a citizen of the United States, residing at Quincy, in the county of Adams and State of Illinois, have invented certain new and useful Improvements in Bull-Ringers; and I 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, reference being had to the accompanying drawings and letters of reference marked thereon, which form a part of this specification.

Like letters refer to similar parts throughout the several views.

My invention relates to a means of punching a hole through the cartilage of the nose of a bull or other animal for inserting therein a ring.

The invention consists in the novel construction of a punching-instrument, hereinafter described, and in certain details connected therewith by means of which the operator is enabled to punch the hole and insert the ring, and to securely hold the animal during the operation.

Great personal danger and frequently loss of life have been incurred by the use of the various cattle-ringers heretofore constructed. No means having been provided for securely holding the animal until after the hole had been punched and the ring secured in place, it has been necessary to tie or otherwise fasten the animal before performing the operation.

The drawing represents a perspective view of the instrument embodying my improvements.

A represents what may be termed a "fixed jaw," and is similar in all respects to the corresponding jaw in an ordinary punching-tool. At the point where the cutting-punch engages with it is a suitable face, *d*, which may be furnished with a cushion of leather or other material adapted to the purpose.

The movable jaw C is pivoted to the jaw A, and is in all respects like the movable or cutting jaw in punching-tools. The cutting-punch *a*, which is carried upon the tip of the movable jaw, consists of a sharp-edged tube screwed or otherwise secured into place. The part C is extended into a handle corresponding with the handle of the fixed jaw A.

Secured to the side of the fixed jaw A by means of the pivot *b* is a third arm or jaw, B, this arm being provided with a handle parallel to and corresponding in length and general form to the handle of the fixed jaw A. The tip *c* of the arm B is formed with an open-sided ring, *c'*, through which the cutting-punch *a*, carried upon the tip of the movable part C, passes.

In using the instrument the handle of the part C is lowered so as to throw the tip of the jaw, which carries the cutting-punch, back out of the way. The tips of the jaws *c d* are applied to the nose, and the handles A B are grasped firmly by the operator. The hole is then punched by an upward movement of the handle C. Immediately after punching the hole the handle C is lowered, and the operator (while still maintaining a firm hold upon the handles A and B, and thus securely holding the animal) inserts the ring, the same passing through the open-sided ring *c'* and the recently-punched hole in the nose. After the ring has been secured in place, the handles A B are separated and the instrument is removed from the nose by a slight movement to one side.

Having thus described my invention and set forth its merits, what I claim to be new, and desire to secure by Letters Patent, is—

1. In a bull-ringer, the combination, with two pivoted clamping-jaws to hold the nose of an animal, one of the jaws having an open side ring, of a third jaw pivoted thereto and carrying upon its tip a punch by which a hole may be made and a ring inserted while the animal is held by the clamping-jaws, substantially as described.

2. In a bull-ringer, the combination, with pivoted jaws A C, provided, respectively, with face *d*, and punch *a*, of the pivoted jaw B, having open-sided ring *c*, substantially as set forth.

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

THEODORE BUTTERWORTH.

Witnesses:

CLINTON E. KING,
CHAS. L. HOFFMAN.