

(No Model.)

M. L. HOWELL.

DEVICE FOR ATTACHING TAGS.

No. 352,410.

Patented Nov. 9, 1886.

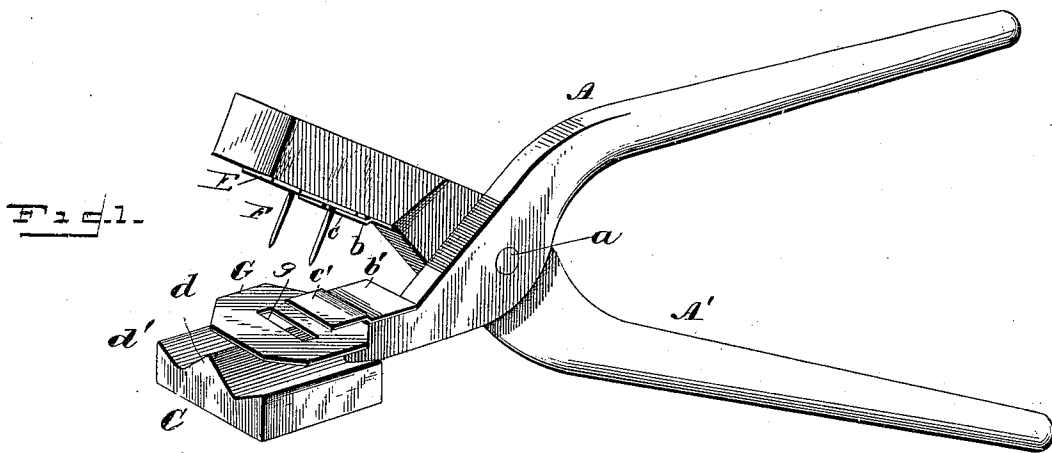


Fig. 2.

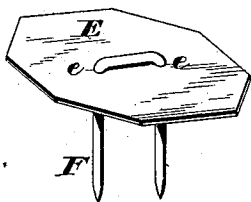
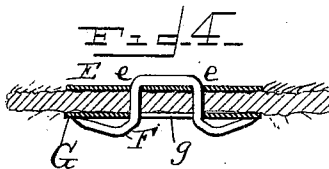
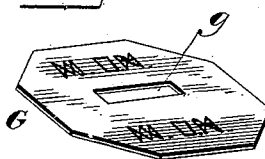


Fig. 3.



WITNESSES

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DEVICE FOR ATTACHING TAGS.

SPECIFICATION forming part of Letters Patent No. 352,410, dated November 9, 1886.

Application filed July 15, 1886. Serial No. 203,166. (No model.)

To all whom it may concern:

Be it known that I, MELVILLE L. HOWELL, a citizen of the United States of America, residing at Waushara, in the county of Lyon and State of Kansas, have invented certain new and useful Improvements in Devices for Marking Live Stock; 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 to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in devices for attaching tags to the ears of live stock.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view of the pliers or implement for attaching the tags to the ears of live stock. Fig. 2 is a perspective view of one of the plates which has the staple attached thereto. Fig. 3 is a detail perspective view of the opposite plate; and Fig. 4 is a side view, showing the plates attached in position.

A A' refer to the tongs or handles of the attaching-instrument, said handles being pivoted to each other at *a*. The jaws of the implement are each provided with bent plates *b* and *b'*, which are rigidly secured to the jaw and are provided with raised portions *c* and *c'*, which are bent so as to extend above the plane of the portions to which they are attached, thus providing a recess or slot under which a portion of the marking-plates may be inserted, so as to hold the same in position by the spring-pressure of the ends *c c'* upon said marking-plates, which force them upon the straight edge of the jaws. The jaw attached to the handle A' has the inner portion thereof perfectly flat, though in some cases a transverse recess may be provided therein, within which will lie the upper portion of the staple, which projects above the plate which carries the same. The

lower jaw beyond the spring-plate *c'* is provided with an end, *C*, which is centrally provided with an inclined or recessed part, *d*, the side pieces, *d'*, thereof being formed at opposite angles, so as to bend the points of the staple outwardly and upwardly.

In Fig. 2 I have shown one of the plates *E*, which is centrally provided with a staple, *F*, the points of said staple extending through perforations *e e*, which perforations serve to retain the staple securely in position.

G refers to a plate, which is preferably provided with marks or emblems indicating ownership. Said plate is provided centrally with a slot, *g*, through which the points of the staple pass before being upset.

In order to secure the marking-plates in position, they are inserted under the spring-plates *c* and *c'*, as shown in Fig. 1. The jaws of the implement are then passed over the ear of the animal, and when the handles are brought together the points of the staple will be forced through the ear and the ends bent outwardly and upset upon the slotted plate *G*, as shown in Fig. 4, thus holding the plate securely in position.

I claim—

The combination, in an implement for attaching tags by means of staples, of the jaws pivotally attached to each other and provided with handles *A A'*, the jaws having attached thereto spring-plates *b b'*, beneath which the tags are placed; so as to be maintained in position, an anvil provided with a central raised portion, with inclined sides and oppositely-inclined bases, which serve to turn the points of the staples outwardly and upwardly, substantially as shown, and for the purpose set forth.

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

MELVILLE L. HOWELL.

Witnesses:

GEO. B. OLIVER,
W. B. DAVIS.