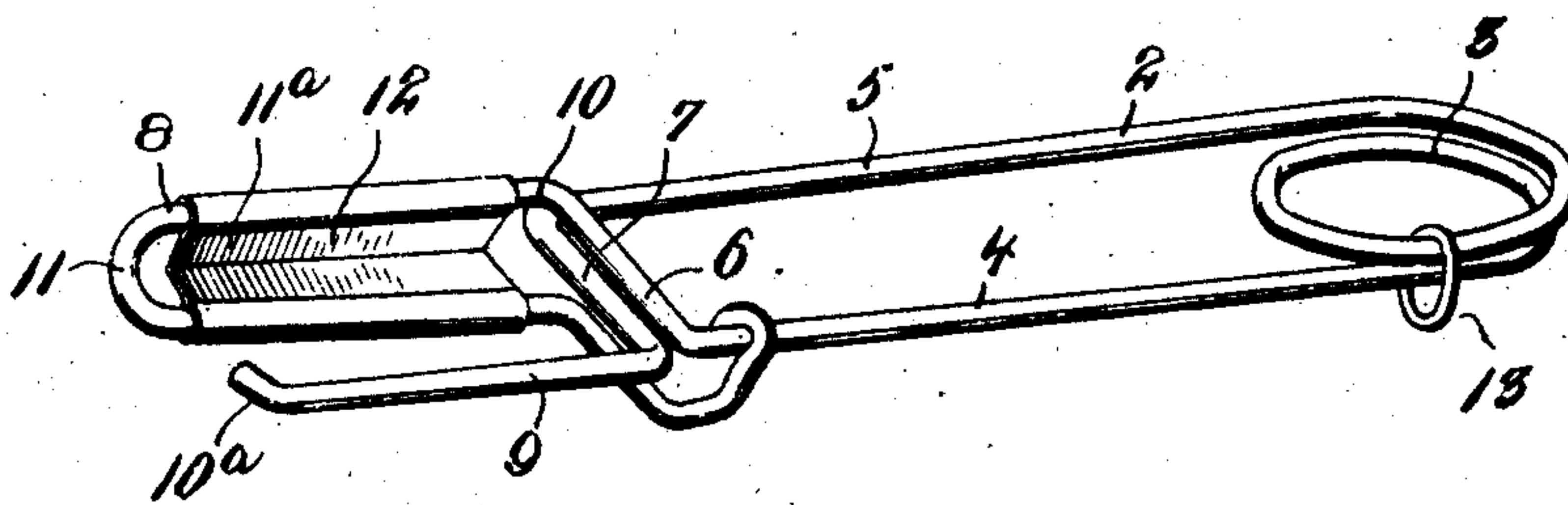
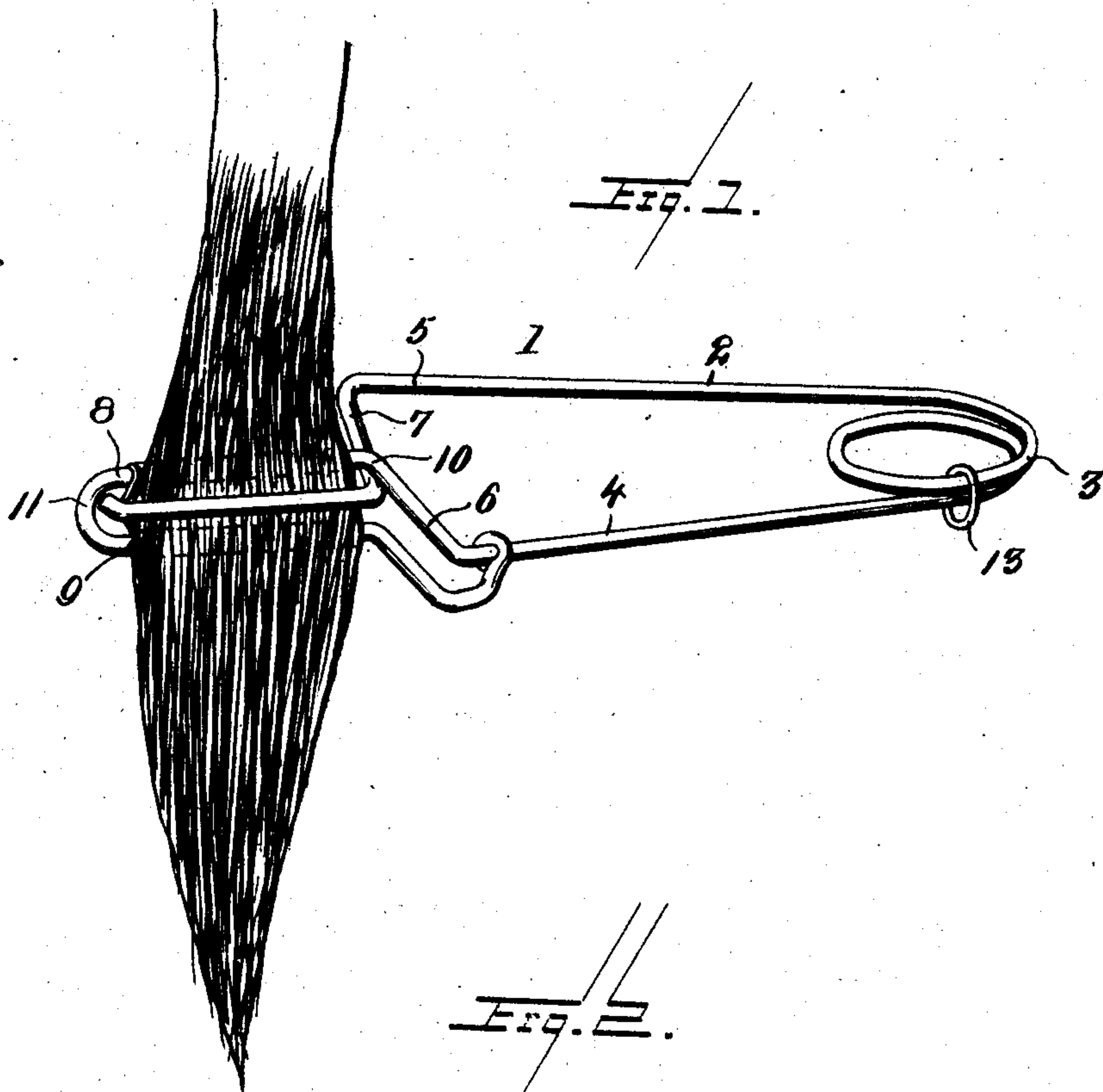


No. 853,996.

PATENTED MAY 21, 1907.

A. B. ROUNDY.
COW TAIL HOLDER.

APPLICATION FILED JULY 28, 1906.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ABIAL B. ROUNDY, OF WINSLOW, MAINE.

COW-TAIL HOLDER.

No. 853,996.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed July 28, 1906. Serial No. 328,170.

To all whom it may concern:

Be it known that I, ABIAL B. ROUNDY, a citizen of the United States, residing at Winslow, in the county of Kennebec and State of Maine, have invented a new and useful Improvement in Cow-Tail Holders, of which the following is a specification.

My invention relates to an improved device for holding a cow's tail, while being milked, to prevent the same from being switched in the milker's face or from brushing dirt into the milk.

The object of the invention is to produce a simple and effective article of this character which may easily and quickly be attached to the brush of the tail and readily released therefrom, and which while attached, will securely hold the tail and without causing annoyance or injury to the animal.

With these and other objects in view the invention consists in the combination and arrangement of component parts to be hereinafter more fully described and particularly pointed out in the claims:

In the accompanying drawings—Figure 1 is a perspective view of the device shown in use, and Fig. 2 is a similar view with the jaws open.

Referring to the drawings, 1 designates the holder formed of a single wire or rod 2, of any suitable elastic metal. Intermediate of its ends, the rod 2 is bent into a coil 3, which is adapted to impart additional elasticity and strength and holding power to the jaws. The coil is formed so that the arms 4 and 5 extend from opposite sides thereof in the same direction substantially parallel with each other. At a suitable distance from the coil, the arms are bent inwardly at right angles, forming the portions 6 and 7 and their extremities are bent to form the clamping jaws 8 and 9, as hereinafter described. In forming the said jaws, the rod comprising arm 4, is bent again at right angles at 10 and is extended a suitable distance to form the jaw 8, when it is bent back upon itself at 11, and doubled back parallel to the bends in the said arm first described and its extremity is secured around the arm intermediate of the coil and the first bend. Such formation produces a loop and forms a slot in the jaw 8, and the portion 6 of the arm 4. The other arm 5 passes through the slot in the jaw 8 and is then bent at right angles to the portion

7, paralleling the jaw 8, and adjacent to its extremity is bent outwardly forming the hook 10^a.

The tendency of the arms 4 and 5 and the jaws 8 and 9 is to spring apart, owing to the coil 3 formed in the metal rod 1. In order to prevent the separation of the jaws in such manner, I provide a thin metal plate 11, secured between the portions of the rod forming the jaw 8. Said plate 11 is provided with a longitudinal groove 12, which forms a seat for the jaw 9 against which it is firmly held by the spring action of the arms.

In order to facilitate the attachment of the device to a rope or chain, a small ring 13 may be carried by the coil 3.

In operation, the jaws 8 and 9 may be opened by compressing the arms 4 and 5 and the brush of the cow's tail placed between the jaws. The spring action of the arms firmly clamp the jaws and press the hair into the groove 12, which prevents its slipping through the jaws, and the hook 10 which fastens over the end of the grooved plate 11, secures it from slipping out the ends of the jaws. In removing the device the arms are again compressed thus opening the jaws, when the tail may be removed.

The construction and operation of this invention will be readily understood upon reference to the foregoing description and the accompanying drawings, and it will be appreciated that the parts and combinations recited may be varied without departing from the spirit and scope thereof.

Having thus described my invention, what I claim as new and desire to be secured by Letters Patent, is:—

1. A device of the character described, comprising a pair of spring arms and clamping jaws, a grooved seat carried by one of said jaws for the opposite jaw and a hook adjacent to the end of the second mentioned jaw, substantially as described.

2. A device of the character described, comprising a pair of spring arms and clamping jaws, one of said jaws being bent to form a loop, a grooved metal plate carried by said jaw adapted to form a seat for the opposite jaw, the said opposite jaw working in the loop on the first mentioned jaw, and a hook adjacent to the end of the second mentioned jaw, substantially as described.

3. A device of the character described,

comprising a pair of spring arms and longitudinal extensions thereof forming clamping jaws, one of said jaws being bent to form a loop, a grooved metal plate carried by said
5 jaw adapted to form a seat for the opposite jaw, the said opposite jaw working in the loop on the first mentioned jaw, and an inwardly turned hook adjacent to the end of the second mentioned jaw fitting over the

end of the grooved plate, substantially as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

ABIAL B. ROUNDY.

Witnesses:

GEO. G. WEEKS,
JESSIE STEVENS.