

No. 787,348.

PATENTED APR. 11, 1905.

E. J. HANSEN.  
INTERCHANGEABLE MARKER AND PUNCH.  
APPLICATION FILED APR. 29, 1904.

Fig. 4.

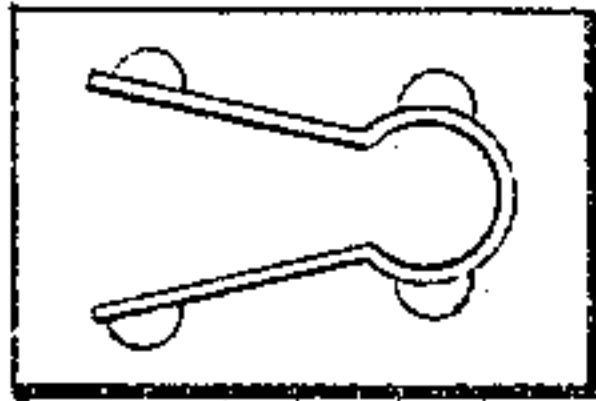


Fig. 5.

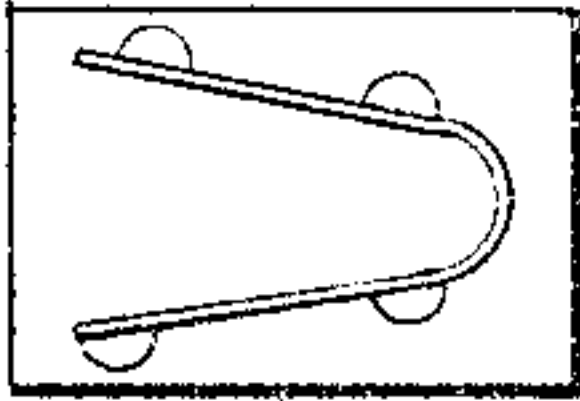


Fig. 6.

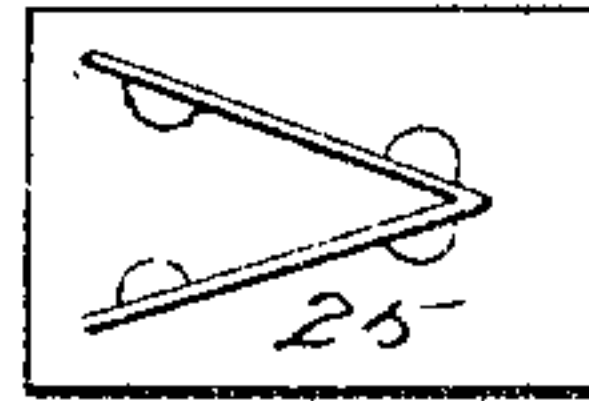


Fig. 7.

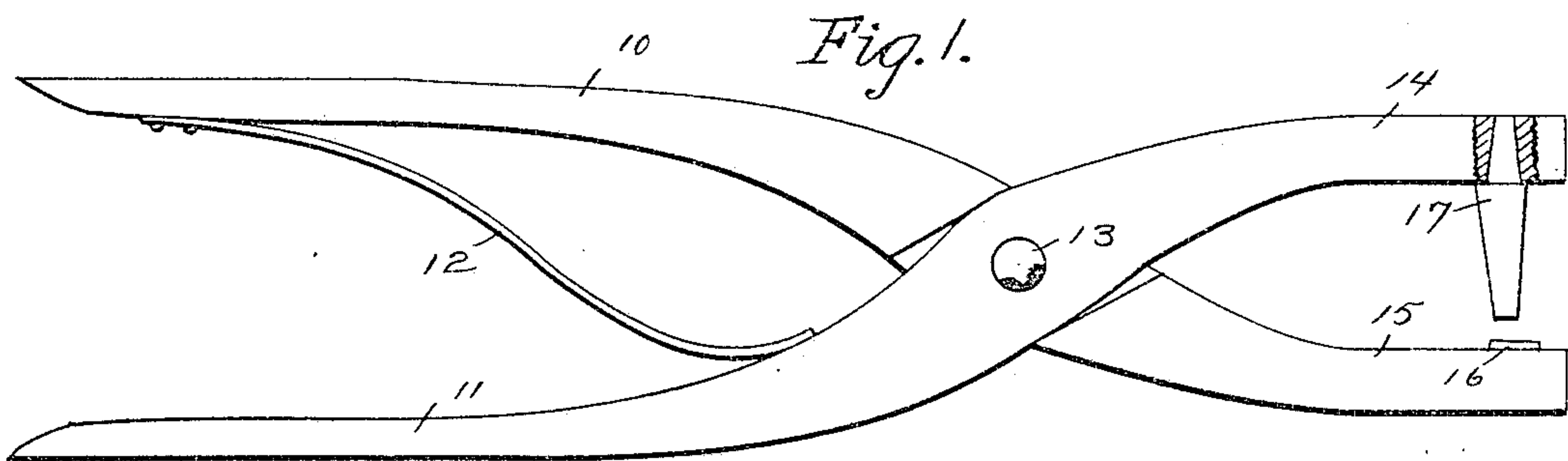
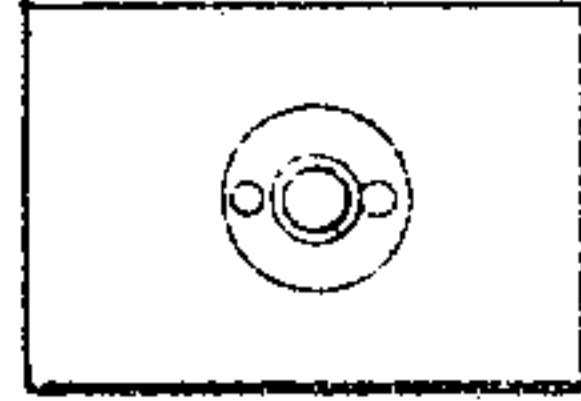


Fig. 3.

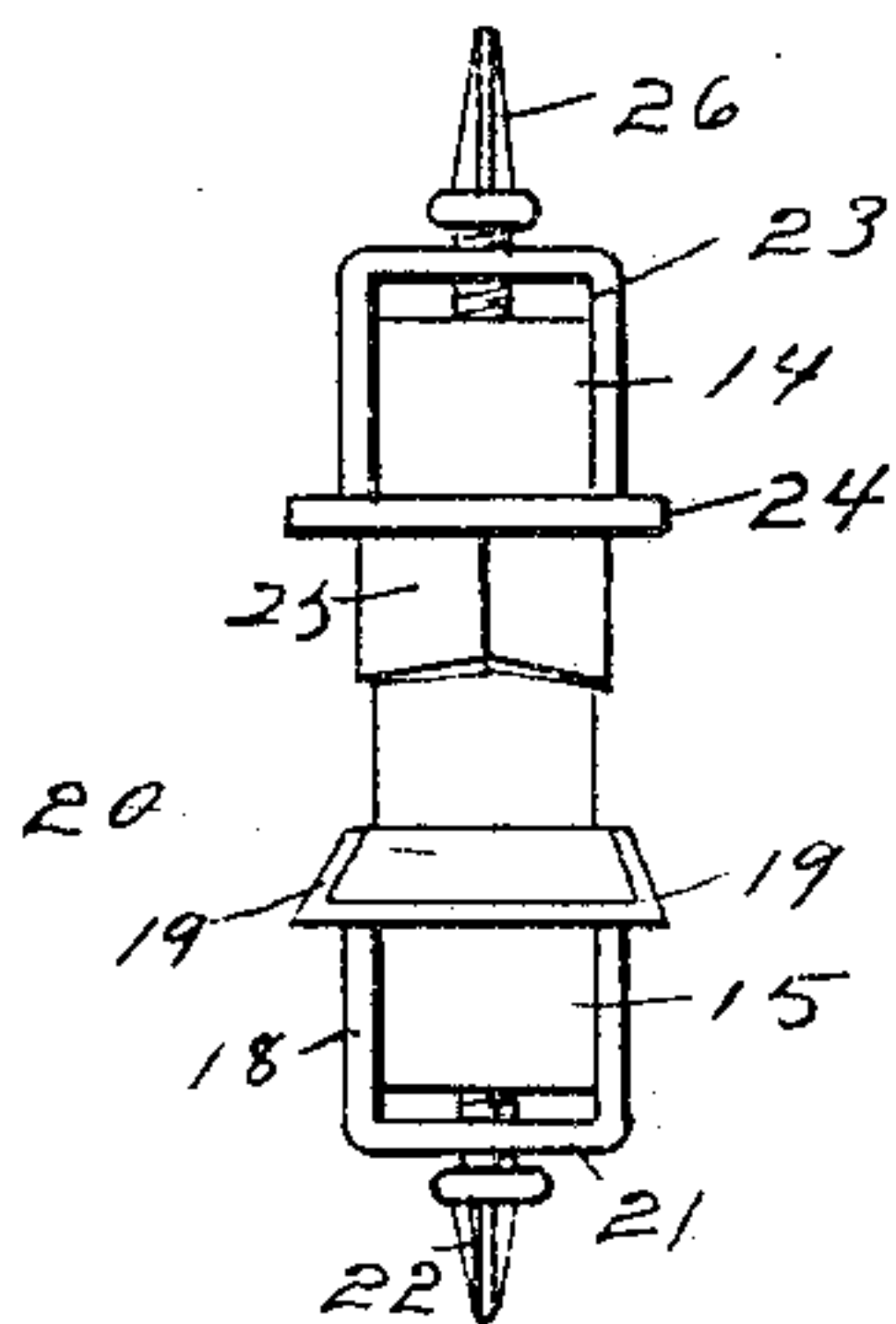


Fig. 2.

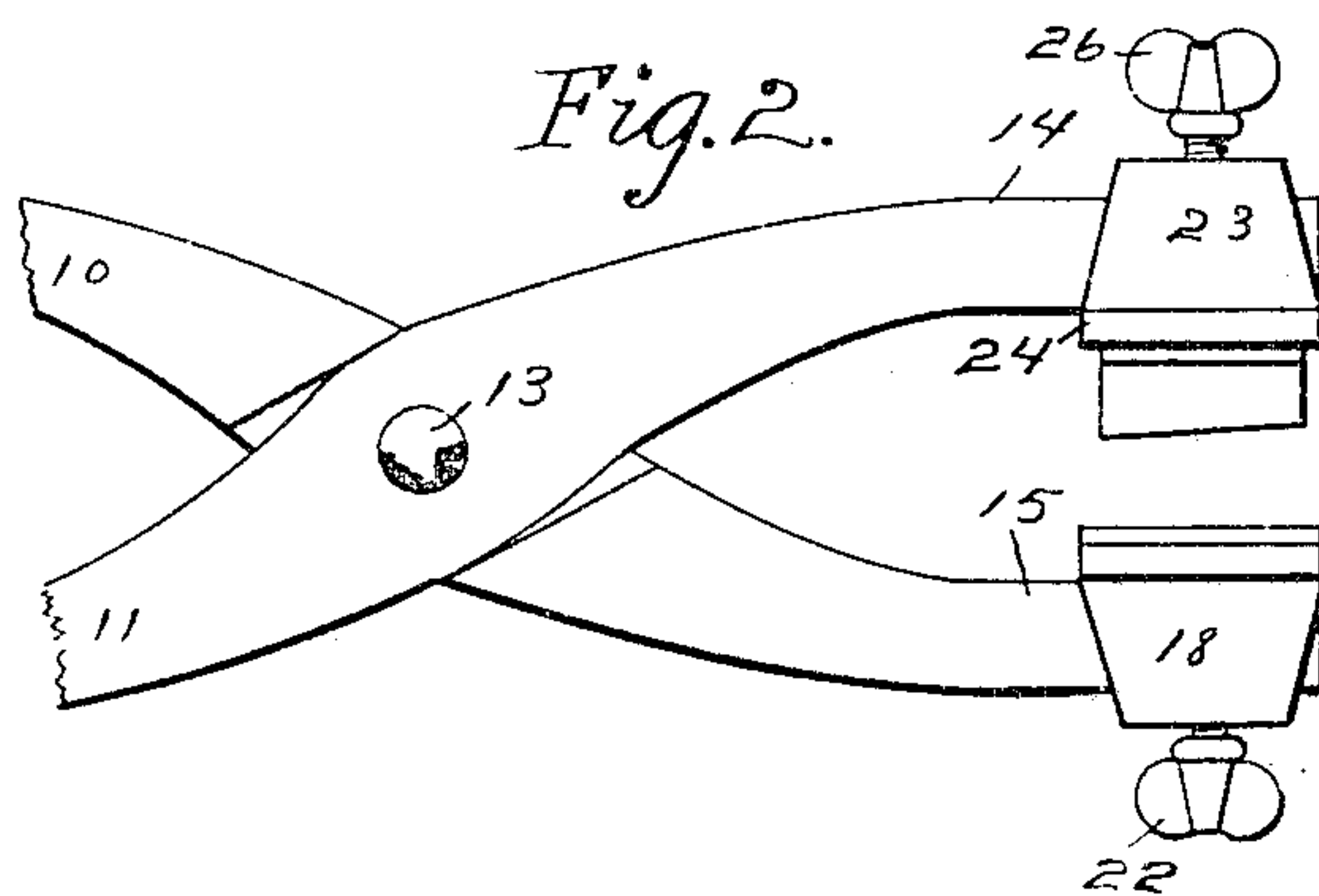
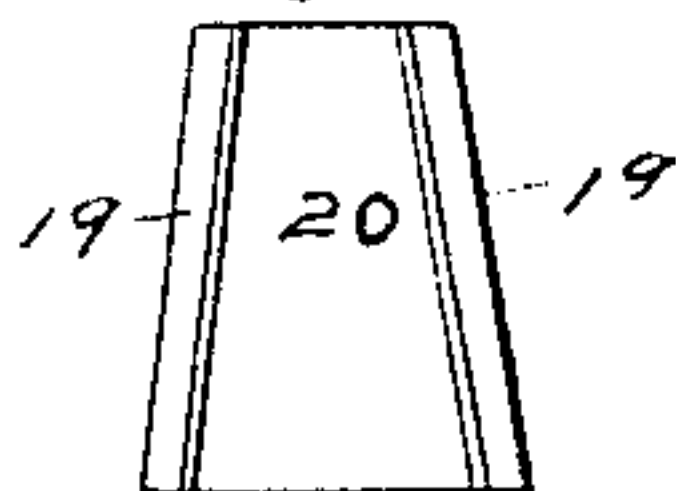


Fig. 8.



Witnesses

A. S. Heague  
S. F. Christy.

Inventor E. J. Hansen

By *Quig & Lane* Attys

# UNITED STATES PATENT OFFICE.

EBBE J. HANSEN, OF EXIRA, IOWA.

## INTERCHANGEABLE MARKER AND PUNCH.

SPECIFICATION forming part of Letters Patent No. 787,348, dated April 11, 1905.

Application filed April 29, 1904. Serial No. 205,636.

*To all whom it may concern:*

Be it known that I, EBBE J. HANSEN, a citizen of the United States, residing at Exira, in the county of Audubon and State of Iowa, have invented a certain new and useful Interchangeable Marker and Punch, of which the following is a specification.

The objects of my invention are to provide a combined marker and punch of simple, durable, and inexpensive construction in which there is a number of detachable marking-blades and a number of cutter-plates which can be easily attached to and detached from the jaws of the marker or punch proper. The device is adapted for use in marking the ears of animals, so as to distinguish one animal from the other—that is, to make a designating-mark on the ears of the animals, so that the owner can easily and readily know his own animals. The object of having those blades made in different forms and shapes is so that the owners of stock in a certain locality can give their animals a different mark from that of his neighbor. The marker-blade and the cutter-plate can also be detached and a punch be attached to one of the jaws of the punch and a mating cutter, so as to provide the ordinary harness-punch.

My invention consists in certain details in the construction, arrangement, and combination of the various parts of the device whereby the objects contemplated are attained as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the complete machine with a portion of the upper jaw broken away to show the way in which the punch is attached to it. Fig. 2 is a side elevation of the jaws of the punch, showing the way in which the marker-blade and the cutter-plate are attached to these jaws. Fig. 3 is a front elevation of the jaws of the device. Figs. 4, 5, 6, and 7 are inverted plan views of different kinds of marker-blades designed to show the various shapes that can be used for marking or punching, and Fig. 8 is a top view of the cutter-plate detached from the jaw.

Referring to the accompanying drawings,

I have used the reference-numerals 10 and 11 to designate the handles of the punch or marker, having the spring 12 attached to the rear end of the handle 10 and engaging the handle 11. These handles are close to each other and are pivotally attached together by means of the pivot 13. At the forward end of the handle 11 is the upper jaw 14. At the forward end of the handle 10 is the lower jaw 15, said lower jaw having the ordinary rounded cutter-plate 16 thereon that is used in the ordinary harness-punch. There is an opening extending through the upper jaw 14, into which the ordinary harness-punch blade 17 can be inserted and at the same time can be easily detached from the upper jaw when it is designed to use one of the other marking-blades. I have provided a cutter-plate comprising a substantially U-shaped member 18, with a rope portion 19 connecting the sides of the U-shaped portion. Securely held in position by the top-plate 19 is the cutter-pad 20, against which the marking-blade comes when the jaws are in their closed position. Extending through the bottom portion 21 of the U-shaped member 18 is a thumb-screw 22, which is designed to engage the outer surface of the lower jaw and to hold the cutter-plate firmly in position relative to said jaw when it is screwed against the said lower jaw. The marker-plate, which is designed to be attached to the upper jaw 14 when the punch-blade 17 is removed, is composed of the U-shaped member 23, having the bottom portion 24 connecting the side of it. Formed on the lower portion 24 and depending therefrom is a blade 25, which may be made of any desirable size or shape. The marking-blade is designed to be secured to the upper jaw 14 when the punch-blade 17 is removed by means of the thumb-screw 26, which securely holds the marking-blade in position relative to the jaw when it is screwed against the jaw 14. It will be seen that by this arrangement of parts the marking-blade and the cutting-plate can be easily detached from the jaws 14 and 15 at the pleasure of the operator, and any other marking-blade and cutter-plate may be substituted therefor. In practical use the advantages of this marker-blade cannot be



too highly estimated, for the reason that a great many individuals own the ordinary harness-punch and by simply purchasing my attachments—namely, the marking-blade and the cutter-plate—he has a marker which  
5 can be bought for a very small amount and in which a various number of marker-blades can be used, so that with little expense the stock-owner can mark his animals with any  
10 desirable mark and of any peculiar shape desired.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States therefor, is—

15 1. In a device of the class described, two jaws pivoted together, handles forming the rear portions of said jaws, a cutter-plate having a U-shaped member, a cutter-pad secured to the top portion of the U-shaped member,  
20 means for detachably securing the cutter-plate to said lower jaw, and a marking-blade attached to the upper jaw.

2. In a device of the class described, two

jaws pivoted together, handles forming the rear portions of said jaws, a cutter-plate having a U-shaped member, a cutter-pad secured to the top portion of the U-shaped member, means for detachably securing the cutter-plate to said lower jaw, and a marking-blade detachably secured to the upper jaw. 25 30

3. In a device of the class described, two jaws pivoted together, handles forming the rear portions of said jaws, a cutter-plate having a U-shaped member, a cutter-pad secured to the top portion of the U-shaped member, means for detachably securing the cutter-plate to said lower jaw, a marking-blade comprising a U-shaped member, a blade connected with the U-shaped member of any desirable size and shape, and means for detachably securing the marking-blade to the upper jaw. 35 40

EBBE J. HANSEN.

Witnesses:

Z. B. SPANGLER,  
MARY E. DELAHOYDE.