

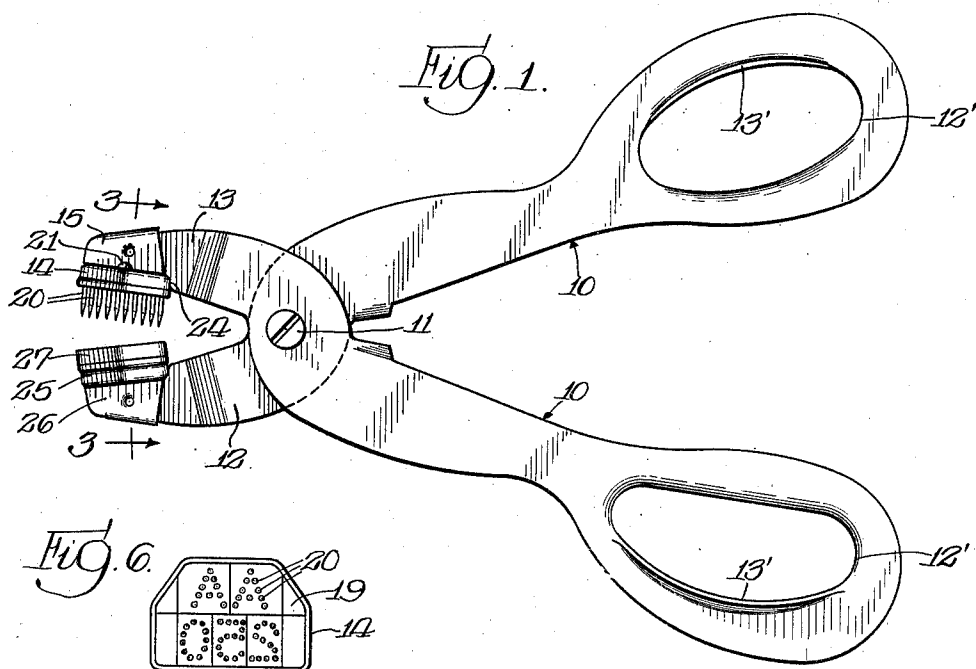
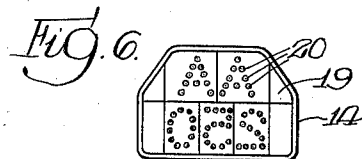
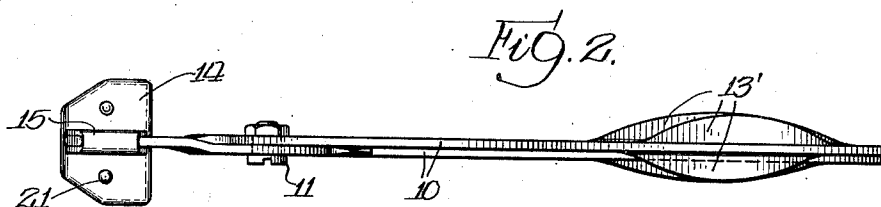
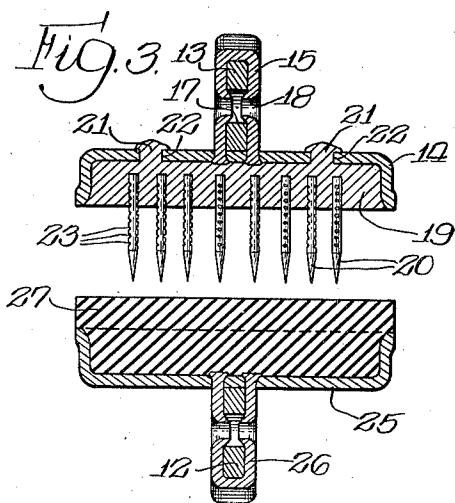
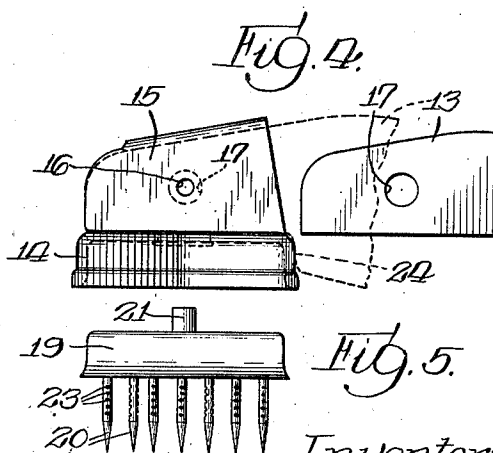
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G. A. HOLT

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TATTOO MARKER

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TATTOO MARKER

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2 Claims. (Cl. 101—26)

The present invention relates generally to a simple and improved construction of an animal or poultry marker for tattooing identifying marks on the animal's ear or the poultry's wing with indelible ink or equivalent liquid to cause the same to pass into the perforations formed during the manipulation of the marker proper so as to imprint a permanent mark for identification purposes.

One of the objects of the present invention is to provide a simple and improved tattoo marker construction in which the handle and jaw portions thereof are made from flat relatively thin sheet metal.

A further object of the invention is to provide a novel and improved tattoo marker in which the die carrying and pad supporting members thereof are secured to the jaw members of the handle in a more or less permanent manner, but may if necessity requires, be removed therefrom and others substituted therefor.

A further object of the invention is to provide a novel and improved tattoo marker construction in which the rubber pad is vulcanized in a metal holder to prevent its displacement therefrom.

A still further object of the invention is to provide a novel and improved tattoo marker in which the die pins which form the perforations carry transverse corrugations or grooves to convey the ink or other liquid into the perforations for making positive identifying marks in the animal or fowl on which the tattoo is used.

These and other objects are accomplished by providing a construction and an arrangement of the various parts in the manner hereinafter described and particularly pointed out in the appended claims.

Referring to the drawing:

Fig. 1 is a top plan view of my improved marker;

Fig. 2 is a side elevational view of the same;

Fig. 3 is an enlarged cross sectional view taken on the line 3—3 in Fig. 1;

Fig. 4 is an enlarged fragmentary view showing the manner in which one marking element holder is attached to one of the jaws of the handle;

Fig. 5 is a side elevational view of the die member before it is mounted into the die holder shown in Fig. 4; and

Fig. 6 is a top plan view showing the manner in which symbols or identifying marks of the die are located with respect to the holder.

In illustrating one form of my invention I have shown the same as comprising two handle mem-

bers generally indicated by the reference character 10 which are pivoted together by means of a bolt 11. The other ends of the handle members are provided with jaws 12 and 13. These handle members as well as their respective jaws are formed from flat sheet metal stock in which the outer free end portions are provided with apertures 12' to accommodate the thumb and fingers of these apertures 12' are curved outwardly as shown at 13' so as to form comfortable grip for the hand.

One of the essential features of the present invention includes novel holders for the die and cooperating rubber pad as well as the means for attaching these holders to the operating jaws of the marker. The die holder comprises a substantially rectangular cup-shaped member 14 which has fastened to the rear side substantially U-shaped bracket 15 which has its opposite ends opened and is adapted to receive the tapered outer end of the jaw 13 in the manner indicated in Fig. 4 of the drawing.

The opposite walls of the bracket 15 are provided with apertures 16 which are in alignment with each other and are adapted to register with a relatively larger aperture 17 in the jaw 13 of the device. When the holder is positioned on the jaw as shown in the dotted lines in Fig. 4, the metal surrounding the aperture 16 is depressed on both sides into the aperture 17 of the jaw for securing the holder in place in the manner indicated by the reference character 18 in Fig. 3 of the drawing. Mounted in the cup-shaped portion of the holder 14 is a die which comprises relatively soft metal member 19 conforming to the shape of the holder and a plurality of pins 20 which are partially imbedded into the soft metal base 19 and are arranged in letters or numerals or other suitable symbols in the manner indicated by Fig. 6 of the drawing for the purpose of identification of the owner whose poultry or livestock carry this mark. The die as a whole is secured to the holder by means of studs 21 formed integrally with the soft metal base member 19. These studs are adapted to project through apertures 22 in the holder 14 and the die is secured therein by riveting or flattening the projecting portion of the studs in the manner clearly indicated in Fig. 3 of the drawing.

Another important feature of the present invention includes novel type of pins 20 which are provided with transverse grooves or slots 23 for carrying and supplying sufficient amount of indel-

ible ink or other suitable liquid into the apertures penetrated in that portion of the animal or fowl carrying the tattoo mark. These transverse grooves 23 on the pins 20 extend a substantial distance around the peripheral surface and are important factors in the making of definite marks in the parts so tattooed. It will be observed that each of the jaws 12 and 13 are provided with a shoulder as shown at 24 against which the inner edge or flange of the cup-shaped holder 14 contacts. It will also be noted that the outer edge of the jaw is tapered and engages the tapered portion of the bracket 15 so as to form a rigid support for the holder. The other holder for the rubber cushion or pad indicated by the reference character 25 is essentially like the holder 14 and is attached to a bracket 26 of the same identical construction as the bracket 15. The manner of the attachment of this pad or rubber cushion holder 26 to the jaw 12 is identical in every respect with the attachment of the holder 14 to the jaw 13.

The novel feature in connection with the rubber pad indicated at 27 is that the same is vulcanized directly to the cup shaped portion of the holder 25 so as to prevent its displacement therefrom.

Summarizing the operation and advantages of my improved tattoo marker, it will be seen that when the marking elements are actuated so the pins 20 penetrate the poultry or livestock flesh, a permanent identification mark is impressed. In this connection it will be noted that by having the pins 20 provided with a plurality of peripherally arranged recesses or grooves the ink is conveyed

into the perforations so as to make a clear and definite marking. With my improved tattoo marker an irremovable mark without injury to the bird or animal is impressed without blemish to the flesh.

While in the above specification I have described one embodiment which my invention may assume in practice, it will of course be understood that the same is capable of modification and that modification may be made without departing from the spirit and scope of the invention as expressed in the following claims.

What I claim is my invention and desire to secure by Letters Patent is:

1. In a poultry and animal marker, a pair of substantially flat handle members pivoted together, oppositely disposed flat tapered jaws formed on one of the ends of said members, a die holder secured to one of said jaws, a die mounted in said holder, a cooperation pad holder secured to the other of said jaws, and a rubber pad vulcanized to said last named holder.

2. In a poultry and animal marker, a pair of pivoted jaws formed on one end of said members, each of said jaws having an aperture therein, a holder mounted on each of said jaws, a bracket attached to each holder and adapted to embrace said jaw, there being an aperture in each bracket adapted to register with the aperture in said jaw, and means for securing said holders to said jaws by depressing the material around the apertures in said brackets in the apertures in said jaws.

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