

I. R. VAN WART.
CATTLE BRANDING INSTRUMENT.
APPLICATION FILED JAN. 14, 1911.

1,022,986.

Patented Apr. 9, 1912.

Fig. 1.

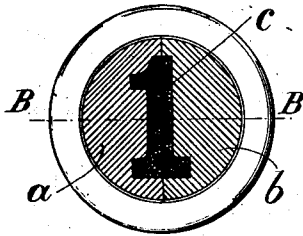


Fig. 3.

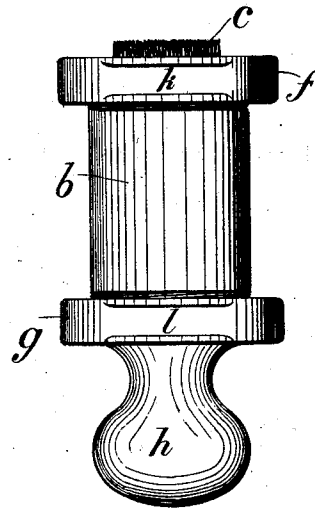


Fig. 2.

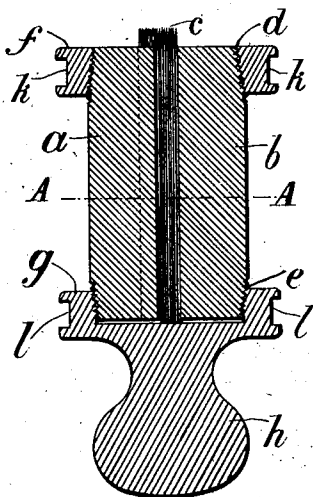
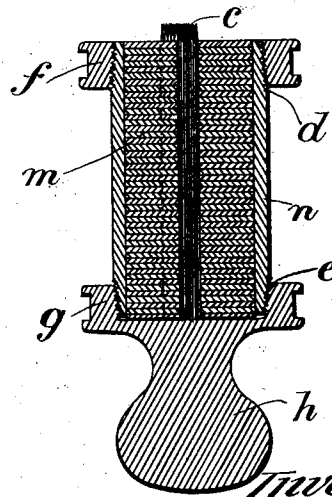


Fig. 4.



Witnesses:

J. B. Kender
C. S. Kender

Inventor
Irving R. Van Wart
by *Samuel L. Morris, Jr.*
Att'y

UNITED STATES PATENT OFFICE.

IRVING RUDOLPH VAN WART, OF LONDON, ENGLAND.

CATTLE-BRANDING INSTRUMENT.

1,022,986.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed January 14, 1911. Serial No. 602,715.

To all whom it may concern:

Be it known that I, IRVING RUDOLPH VAN WART, a subject of the King of Great Britain, residing at 108 Queen Victoria street, London, England, have invented certain new and useful Improvements in Cattle-Branding Instruments, of which the following is a specification.

This invention relates to cattle-branding instruments and it has for object to provide an improved and simple tool whereby horses and cattle may have identification numbers or marks branded or tattooed on the gums.

According to this invention the instrument comprises a divided holder adapted to clamp one or more groups of needles in the form of one or more numerals or characters, or combination of the same.

In one construction the holder may consist of a longitudinally divided cylinder of metal channeled throughout its length in the form of one or more numerals or characters part of each numeral or character being fashioned in one member of the cylinder and part in the other member, and adapted to receive in said channeled portions a number of needles which are gripped between the two members of the cylinder and caused to assume the configuration of the numeral or character cut therein; the pointed extremities of the needles projecting for a short distance from one end of the cylinder. Each extremity of the cylinder is tapered and screw-threaded externally, and a correspondingly internally tapered and screw-threaded clamping ring or collar is fitted over the front or branding end of the instrument while a similarly tapered and screw-threaded cap attached to or formed with a hand piece is screwed on to the opposite end. If desired the peripheries of said clamping ring and collar may be provided with flats so as to accommodate spanners.

Instead of forming the holder of two semi-cylindrical or partly cylindrical solid metal portions, said holder may be built up of circular metal disks each having a number or character stamped out therefrom and each divided diametrically or otherwise into two separate portions, said disks being superimposed upon one another within a tubular casing split for a short distance and screw-threaded externally at each end and adapted to be clamped by means of a ring and cap as above described.

Reference is directed to the accompanying drawings in which—

Figure 1 is a cross section on line A, A, Fig. 2 and Fig. 2 is a vertical section on line B, B, of Fig. 1. Fig. 3 is a side elevation. Fig. 4 is a vertical section of an alternative construction.

In Figs. 1 to 3 *a* and *b* respectively represent two semi-cylindrical portions of the holder which is channeled longitudinally, across the division, in the form of the numeral 1, either by being cut or cast, or otherwise suitably, and the spaces so fashioned when said semi-cylindrical portions are placed together to form a cylinder is adapted to be packed with a group of needles or branding pins *c*. Each extremity of the holder is tapered and screw-threaded externally as at *d*, *e*, and a similarly internally tapered and screw-threaded clamping ring or collar *f* is adapted to be screwed over the threaded portion *d*, while an internally tapered and screw-threaded cap *g* fits over the threaded portion *e* of the holder. The cap *g* may be formed in one with or attached to a hand piece *h*. The needles or branding pins *c* project a short distance from the front extremity of the holder and their inner extremities abut against the cap *g*. *k*, *k*, and *l*, *l*, are flats formed on the periphery of the rim or collar *f* and the cap *g* respectively, whereby suitable spanners may be applied to screw and unscrew said cap and collar on to or from the cylindrical holder. Instead of the numeral 1, any other numeral or character, or number or combination of same may be formed in the holder, partly in one semi-cylindrical portion thereof and partly in the other.

In operation the mating portions of the holder bearing the desired identification sign are placed together and a sufficiency of needles is dropped into the channeled sign, after which the clamping ring or collar *f* and cap *g* are screwed on by means of spanners, closing the two portions of the holder and tightly forcing together the group or groups of needles *c* which are thus securely held in the form of the required sign. The projecting points of the needles are then dipped in a branding or tattooing solution and are applied to the gums of the animal.

In the construction shown in Fig. 4 the holder is constituted by a number of circular metal disks *m* each of which has a nu-

meral or character stamped out therefrom and is divided diametrically or otherwise into two separate portions, said disks being superimposed within a tubular casing *n* split for a short distance from each end and adapted to be clamped by means of a ring *f* and cap *g* as above described.

In both constructions, in the case of letters or signs such as D, O, 8, or the like, the said solid central portion or portions of the sign may be formed by means of one or more blanks of the required shape, adapted to be surrounded by the needles and held in place by the clamping pressure exerted when the parts of the instrument are assembled.

What I claim is:—

1. Apparatus for branding animals comprising, a holder consisting of detachably connected coacting members, there being an identification character part-formed in each of said members, a series of branding needles for demountable retention in said holder in the form of said identification character, and means for retaining said branding needles within said holder.

2. Apparatus for branding animals comprising a holder consisting of detachably connected co-acting members, there being an identification character part-formed in each of said members, a series of branding needles for demountable retention in said

holder in the form of said identification character, said detachably connecting co-acting members being provided with tapered and externally screw-threaded extremities, and means for detachably connecting said members.

3. Apparatus for branding animals comprising, a holder consisting of a pair of detachably connected co-acting members, there being an identification character part-formed in each of said members, a series of branding needles for demountable retention in said holder in the form of said identification character, said detachably connected co-acting members being provided with tapered and externally-screwthreaded extremities, a hand-piece taking on to one extremity of said holder and a clamping ring taking on to the opposite extremity of said holder, said hand-piece and said clamping ring serving to connect detachably the co-acting members forming said holder and also serving to clamp said branding needles in operative position therein.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

IRVING RUDOLPH VAN WART.

Witnesses:

ERNEST JOHN HILL,
HARRY J. SLAYDEN.