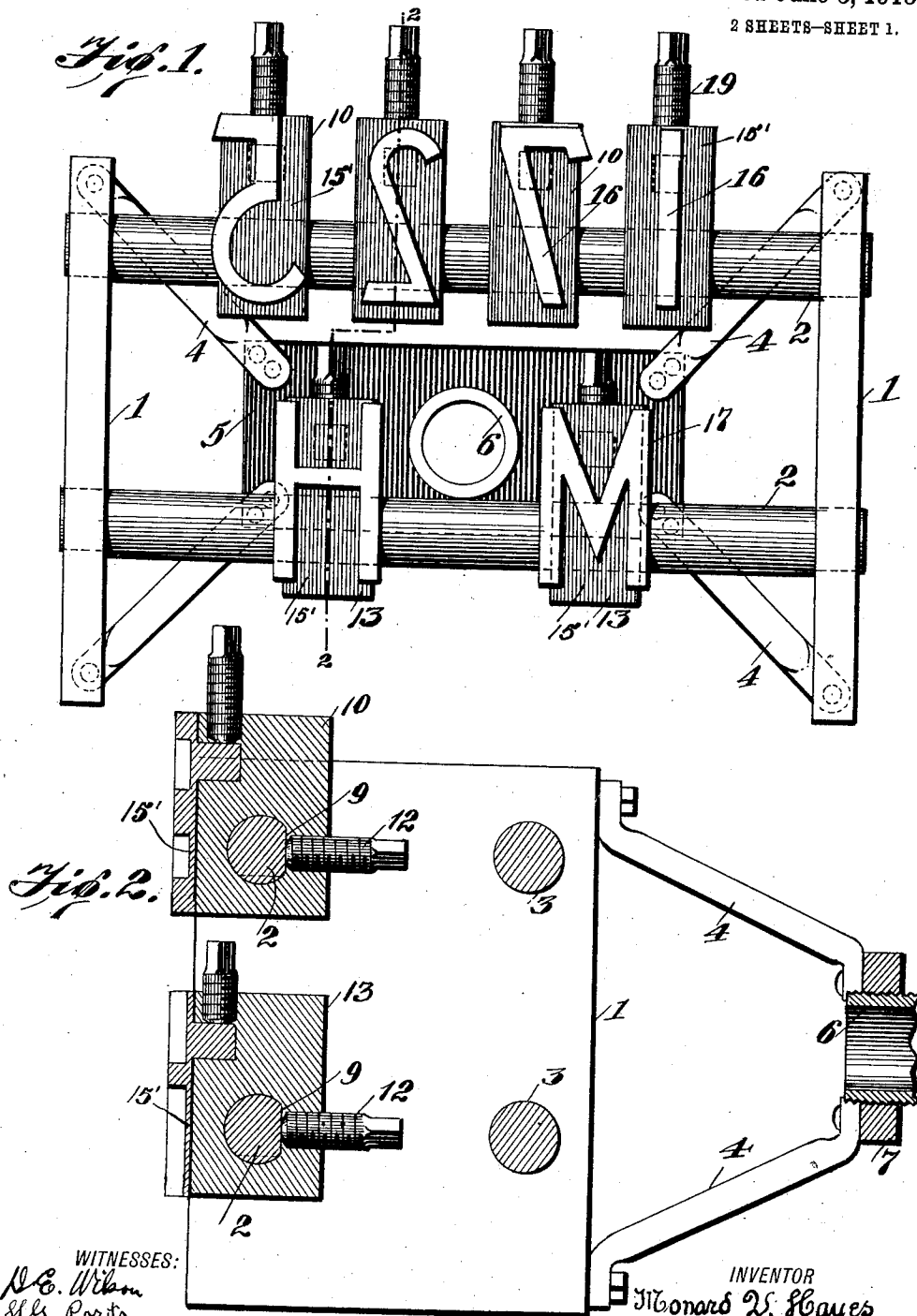


M. V. HAYES.
ANIMAL BRANDER.
APPLICATION FILED OCT. 10, 1912.

1,063,539.

Patented June 3, 1913.

2 SHEETS—SHEET 1.



WITNESSES:
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H. B. Porto

INVENTOR

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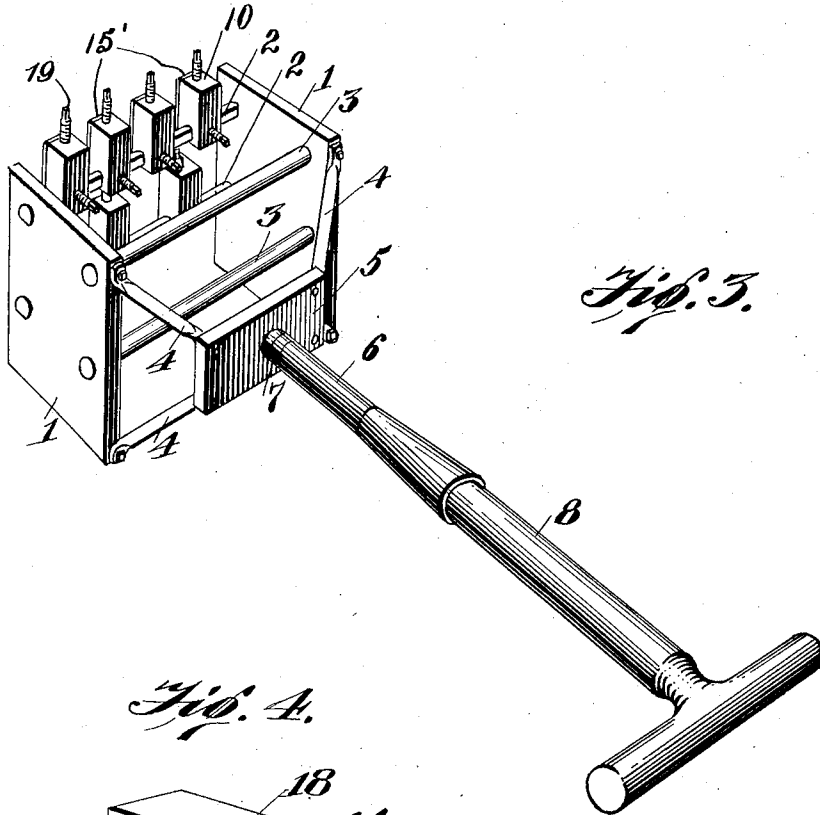


Fig. 3.

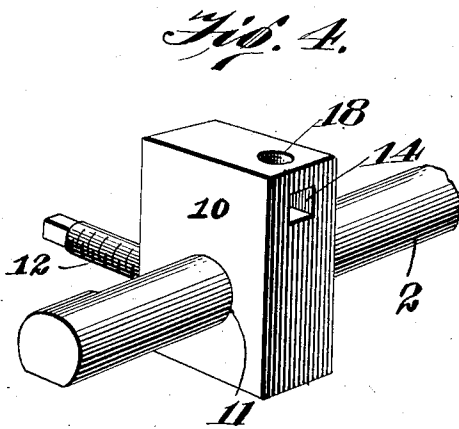


Fig. 4.

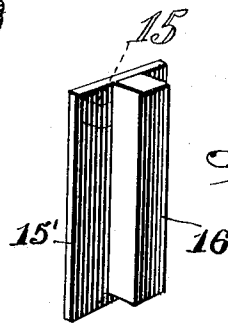


Fig. 5.

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UNITED STATES PATENT OFFICE.

MONARD VINSON HAYES, OF DEPORT, TEXAS.

ANIMAL-BRANDER.

1,063,539.

Specification of Letters Patent.

Patented June 3, 1913.

Application filed October 10, 1912. Serial No. 725,089.

To all whom it may concern:

Be it known that I, MONARD V. HAYES, a citizen of the United States, residing at De-
port, in the county of Lamar and State of
5 Texas, have invented certain new and useful
Improvements in Animal-Branders, of which
the following is a specification.

My invention relates to animal branders,
and one of the objects thereof is to provide
10 a device of this character which will brand
two separate and distinct characters, which
in conjunction with a set of books, will give
an accurate record of each and every head
of cattle.

15 Another object of the invention is to pro-
vide a brander in which the various charac-
ters are readily interchangeable relative to
their supports, which are adjustable to per-
mit of diverse assembling of the said char-
20 acters according to the number desired to be
branded.

A still further object of the invention is
to provide holders or supports for main-
taining the characters so that the latter will
25 be sustained throughout their longitudinal
extent and absolutely prevented from hav-
ing any displacement.

To the accomplishment of the recited ob-
jects and others coördinate therewith, the
30 preferred embodiment of my invention re-
sides in that construction and arrangement
of parts hereinafter described, illustrated in
the accompanying drawings, and embraced
within the scope of the appended claims.

35 In said drawings:—Figure 1 is a front ele-
vation of my improved brander. Fig. 2 is a
central transverse section taken along lines
2—2 of Fig. 1. Fig. 3 is a detail perspec-
tive view of the complete brander, and Figs.
40 4 and 5 are similar detail views of one of
the holders and characters respectively.

Generally speaking, my invention involves
a frame having a plurality of cross-bars or
struts in the front and rear thereof, the
45 front cross-bars being utilized for the pur-
pose of supporting two sets of holders in
superposed relation. These holders are de-
signed for adjustment longitudinally of
their respective cross-bars but means are
50 provided for always maintaining the same
in a true vertical position. Furthermore,

the holders are equipped with suitable means
for receiving and securely supporting the
various characters. Finally, the frame or
carrier is equipped with a handle by means
55 of which the complete device can be manip-
ulated to expeditiously brand the cattle.

Referring more particularly to the draw-
ings for a detail description of my invention,
the numeral 1 designates a pair of vertically
60 extending side boards or the like, equidis-
tantly spaced and connected by a pair of
forwardly disposed transversely extending
rods 2 and a similar pair of rearwardly ar-
ranged rods 3. Projecting outwardly from
65 the rear edge of the side boards 1, and pref-
erably from opposite corners thereof, are a
plurality of arms 4 which converge toward
and are secured to a header, as 5. At a
point medially of this header a socket 6 is
70 detachably connected by screw threads or
equivalent means, as at 7, the said socket
being for the purpose of receiving the han-
dle 8.

The hereinbefore mentioned side boards,
75 the cross-bars, and the rearwardly extending
arms comprise the frame of my improved
branding device. The forwardly extending
pair of cross-bars are substantially circular
for the greater portion of their cross-sec-
80 tional contour and have a flat rear face 9
which extends longitudinally from end to
end of the respective bars. As previously
described, the bars 2 are disposed in vertical
alinement and occupy a superposed relation.
85 The upper cross-bar is designed to receive a
plurality of holding blocks or holders 10,
each of which has a transversely extending
opening, as 11, adjacent its base correspond-
ing exactly to the cross-sectional contour of
90 the cross-bar, and centrally of each opening
and in a line or substantially coaxial with the
flat face 9 of the rod, a set screw 12 is adapt-
ed to enter the holder from the rear and en-
95 gage the said flat face to preclude relative
movements of the holder and the rod. The
number of holders mounted upon the upper
cross-bar in accordance with the showing of
the drawing is four, although it will be mani-
100 fest that this number may be increased or
decreased without departing from the spirit
of my invention.

Upon the lower cross-bar 2 are arranged a pair of holders 13 which are identical with the holders carried by the upper cross-bar. At a point adjacent the upper end of each of the holders 10 and 13, and upon the front side thereof, a square opening, as 14, is formed for the purpose of receiving a small projection or lug, as 15, each of which is constructed as an integral part of a flat plate 10 or base 15' having a contour corresponding to the face of the holders. This construction not only reinforces and strengthens the characters, but permits a perfect alinement thereof. The upper set of characters comprise numbers 16 and the lower set are preferably letters 17. The herein described opening 14 extends rearwardly in each holder for a short distance and the end wall thereof is intersected by another opening 18 which enters from the top of the holder and is designed to contain a vertically extending set screw, as 19. Upon inspection of Figs. 1 and 2 of the drawings, it will be observed that the set screws of the upper row of holders are considerably longer than the corresponding devices of the lower holders.

In branding cattle, the numbers and letters or initials are heated by any suitable means, and with the use of a pair of pliers or tongs they are arranged upon the desired holders, that is to say, the lugs 15 are inserted in the openings 14 of the holders and the inner terminal of the set screws 19 then brought to bear tightly upon the said lug in order to rigidly hold the characters against displacement. If four numbers and two initials are to be used the relative positions of the two sets of characters will be the same as disclosed in Fig. 1 of the drawings, where it will be seen that the two sets of characters are disposed centrally with respect to each other and to the frame. However, if two or three numbers are employed the remaining holders mounted upon the upper cross-bar are shifted to the side in inactive position, the active holders being adjusted centrally of the initials in the same manner as just described, with reference to the showing of the four numbers. This adjustment is readily obtained by means of the respective set screws 12 and the rear flat longitudinal faces of the cross-arms with which the former engage. Having secured the desired combination of characters, the same being in thoroughly heated state, the complete device is supported by the handle 8 and applied to the animal. In branding the next animal the right hand figure, as 5 will be removed and the figure 6 substituted therefor, and so on until the herd has been branded.

By this means it will be understood that having two designations, namely, figures

and initials, a complete record of each head of cattle can be easily and reliably kept with the assistance of a given set of books, and there will be no danger of failure to recognize cattle or identify cattle so marked even though they stray and become mingled with foreign herds. It will also be noted that the branding characters project outwardly from the frame only a distance sufficient to permit proper branding of the cattle, and that each of the characters lies upon and is supposed wholly by its respective holder.

It should be understood that in its broader aspect the invention comprehends the employment not only of the various means described, but of equivalent means for performing the recited functions.

While the arrangement shown is thought at the present time to be preferable, it is desired to reserve the right to effect such modifications and variations thereof as may come fairly within the scope of the appended claims.

What is claimed, is:—

1. In an animal brander, the combination of a frame having a pair of cross-bars arranged in superposed relation, holders mounted upon each cross-bar, a plate corresponding to the contour of the face of each holder and adapted to be secured relative to said holder, a character carried by said plate, and means permitting the adjusting of the holders longitudinally of one bar with respect to the holder of the other bar.

2. In an animal brander, the combination of a frame, having a support, a holder mounted upon said support, a plate having its edges flush with the edges of the holder and adapted to be secured relative to said holder, and a character carried by said plate, said plate and holder being longitudinally adjustable relative to said support.

3. A portable brander comprising a frame having a pair of cross members, characters mounted upon each of said members, means for permitting the adjusting of said characters longitudinally and in spaced relation with respect to each of the members, all of said characters being adapted to be simultaneously applied to the surface to be branded upon a single operation.

4. In an animal brander, the combination of a frame having a support, a holder mounted upon said support and having an opening, a character plate having a base the edges of which lie flush with the edges of the holder, a lug carried by said base and adapted to be received in said opening, and means for fastening said lug with respect to the holder.

5. In an animal brander, the combination of a frame having a rod, a support mounted

upon said rod, a plate having an outline
identical with the outline of the support
whereby the ends and sides of the support
are adapted to coincide with the ends and
5 sides of the plate, means for securing the
plate relative the support, and a character
carried by said plate.

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

MONARD VINSON HAYES.

Witnesses:

W. R. DAVIS,
CLAUD COUNCILL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
