J. H. MARTIN.

Hames.

No. 208,406. Patented Sept. 24, 1878.

Fig. 1.

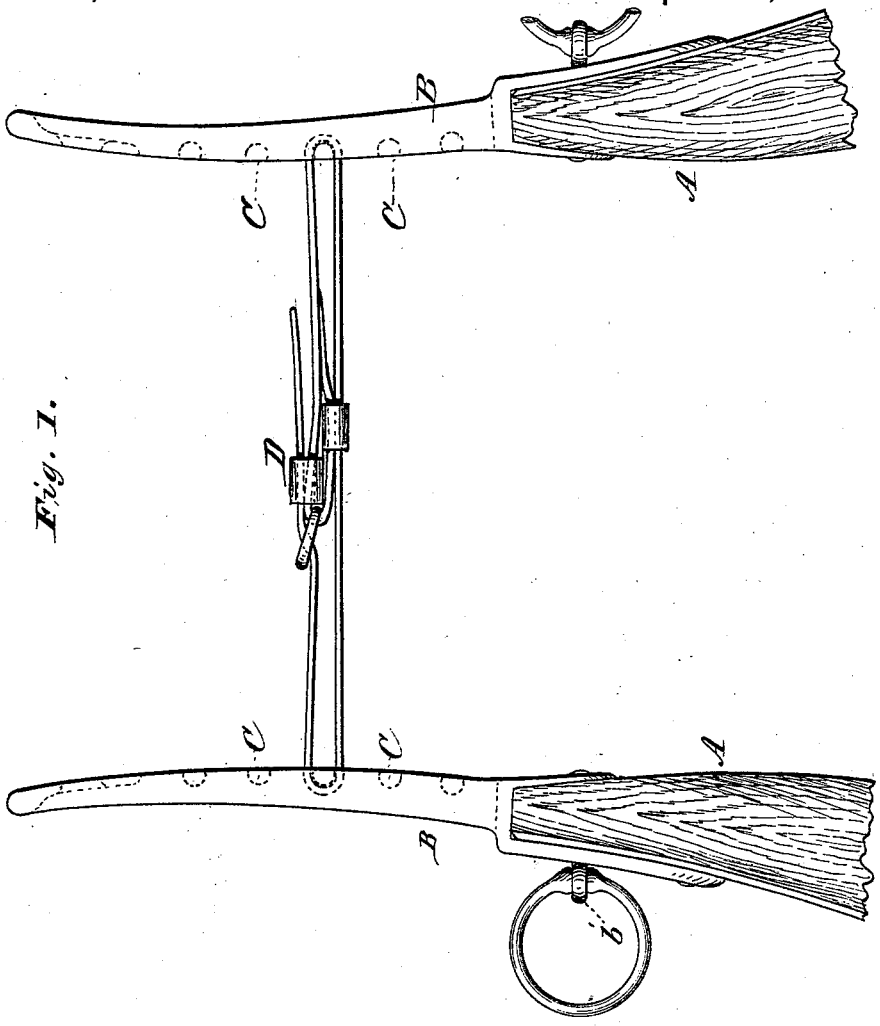


Fig. 2.

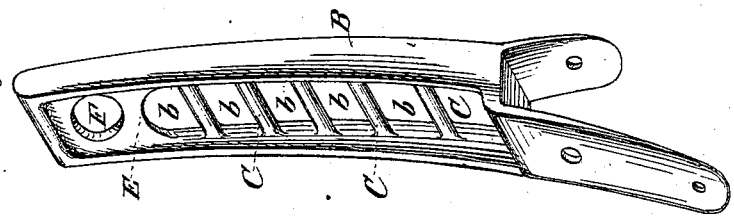
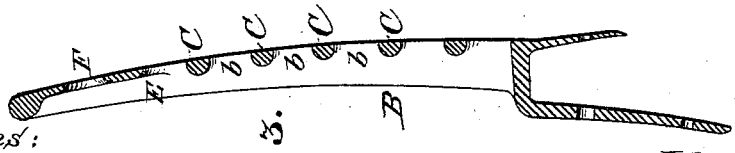


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN H. MARTIN, OF COLUMBUS, OHIO.

IMPROVEMENT IN HAMES.

Specification forming part of Letters Patent No. **208,406**, dated September 24, 1878; application filed September 10, 1878.

To all whom it may concern:

Be it known that I, JOHN H. MARTIN, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Harness-Hames, of which the following is a specification:

This invention relates to certain improvements in harness-hames, its object being to secure a neat, strong, and inexpensive hame, by means of which the hame-strap may be passed in a flat position at different heights over the collar, and the hame and collar adjusted to fit different conformations of the necks and shoulders of horses.

My invention consists in a metal hame tip or top constructed with a series of apertures and bars, the apertures extending from the front to the back of said hame-top, whereby the hame-strap may be adjusted to adapt the hames and collar to fit different horses, as more fully hereinafter specified.

In the drawings, Figure 1 represents a perspective view of my improved hames; Fig. 2, a view of the hame-tip detached; and Fig. 3 represents a sectional view of my improved hame-tip.

The letter A represents the lower part of the hame-leg, which may be constructed of any suitable material, in the ordinary manner.

The letter B represents the hame top or tip, which is constructed of metal and secured to the top of the hame-leg A, forming a curved extension to the same. Said hame top or tip is bifurcated at its lower end, and embraces the upper end of the hame-leg, being secured thereon by means of the ring-bolt b', to which the harness is secured.

The hame-tip consists, essentially, of a curved frame constructed of cast metal, with a series of rectangular openings, b, extending at intervals from near its lower end to near its upper end, forming a series of cross-bars, C, around any one of which the hame-strap D may be looped and secured.

By this means it will be seen that provision is made for a considerable variation in the size of the hames by adjusting the strap to or from the extremity of the hame tip or top, in order to adapt it to collars of various sizes.

In order to lighten the hame tip or top without materially interfering with its strength, it is cast with a recess, E, on one side, and may have an aperture, F, formed in its extremity, which will also add to its appearance; or the hame-top may be made concavo-convex in cross-section, leaving a recess on the under side, the convex portions forming the front sides of the hame tops or tips, as shown in Fig. 3.

The tip may be cast of malleable iron or other metal, and plated or otherwise finished to suit the taste. It can also be cast in various shapes, and ornamented with balls, scrolls, figure-heads, or other designs.

It will be seen that by thus constructing the hame top or tip the greatest strength and lightness of the hame-top are secured without necessitating the hame-top to be made hollow, which would necessitate the employment of a core in casting, materially enhancing the expense of construction.

I am aware that hame-tops have heretofore been constructed by means of which the hame-strap may be adjusted to adapt the hames to collars of different sizes; and such I do not broadly claim, the essential feature of my invention consisting of a wholly metallic hame, having apertures extending from front to back, with intervening bars, by which the hame-strap may be adjusted to adapt the hame to collars of different sizes. It can be employed on hames made partly of wood and partly of iron, or upon hames made wholly of iron; and, if desired, the hame-leg may be formed in one piece entire, including the tip.

What I claim is—

A hame-tip consisting of a curved extension, constructed of metal, and provided between its extremities with a series of rectangular apertures extending from front to back of the hame, and intervening cross-bars, around any one of which the hame-strap may be looped, whereby the size of the hame may be varied, as specified.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

JOHN H. MARTIN.

Witnesses:

F. F. D. ALBERY,

T. C. BURT.