E. G. LATTA.
Hame-Eye.

No. 196,530 Patented Oct. 30, 1877.

Fig. 1.

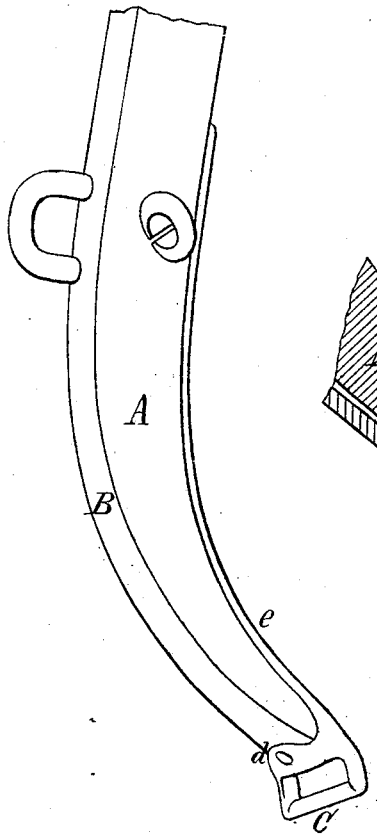


Fig. 2.

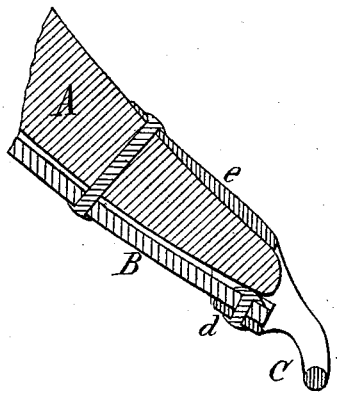
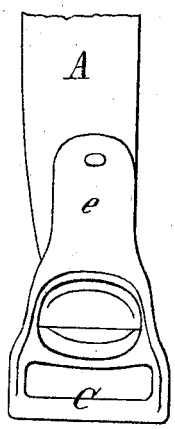


Fig. 3.



George H. Sykes.
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UNITED STATES PATENT OFFICE.

EMMIT G. LATTA, OF FRIENDSHIP, ASSIGNOR OF ONE-FOURTH HIS RIGHT TO PRATT & LETCHWORTH, OF BUFFALO, NEW YORK.

IMPROVEMENT IN HAME-EYES.

Specification forming part of Letters Patent No. **196,530**, dated October 30, 1877; application filed March 6, 1877.

To all whom it may concern:

Be it known that I, EMMIT G. LATTA, of Friendship, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Eyes for Harness-Hames, which improvements are fully set forth in the following specification, reference being had to the accompanying drawing.

My invention relates to that class of hame-eyes which are made separate from the other metallic parts of the hame, and rigidly secured thereto, so as to stand vertically or inclining outwardly from the hame, whereby the action of the hame-strap is applied to the best advantage.

Previous to my invention these rigid eyes have generally been secured to the hame by bending the metallic back-strap around the inner bar of the eye, and riveting through the tips of the wooden portion and back-strap.

The object of my invention is to provide a rigid eye, which is more readily secured to the hame; and its nature will be fully understood from the following description.

In the accompanying drawing, Figure 1 is a perspective view of the lower portion of a hame provided with my improved eye. Fig. 2 is a sectional elevation thereof. Fig. 3 is a rear elevation thereof.

Like letters designate like parts in each of the figures.

A represents the wooden portion of the hame, and B the metallic band or strap applied to the back thereof. C represents the hame-eye, cast on its outer side with a short flange, *d*, overlapping the back-strap B, and on its inner side with a bar or brace, *e*, fitting against the inner side of the wooden portion A, the flange *d* and bar *e* forming a socket in which the lower ends of the wooden portion A and back-strap B are received and secured. The flange *d* is provided with a hole, through which passes a rivet by which it is secured to the back-strap, as shown in Fig. 2; or, if desired, the rivet may be cast with the flange *d*. The eye C, flange *d*, and bar *e* are readily cast of malleable metal without coring.

As the flange *d* is secured directly to the back-strap B, the rivet not passing through the end of the wooden portion A, the splitting of the latter is avoided, and the back-strap not required to be bent around the hame-eye, as heretofore generally practiced, thereby permitting a cheaper quality of iron to be employed for the back-strap, and rendering the whole attachment simpler, cheaper, more durable, and neater in appearance.

It will be observed that the flange *d* is shorter than the bar *e*, and the latter serves as a brace against the strain upon the rivet passing through the flange and the metallic back-strap, and prevents the loosening thereof. It will also be observed that the socket formed by the brace-bar *e* and flange *d* is open at its bottom as well as at its top, and the tip of the hame is thus permitted to enter the same freely, and without the necessity being imposed of trimming said tip before locating it.

My improved hame-eye is readily attached to hame-irons of any thickness or pattern, and is adapted for the upper end as well as the lower end of low-top hames.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A hame-eye cast in a single piece, and composed of the eye C, brace-bar *e*, and short flange *d*, forming an open socket for the end of the hame, and adapted to be secured in place, substantially as described.

EMMIT G. LATTA.

Witnesses:
S. P. MORSE,
HERMAN RICE.