(No Model.)

L. H. HOCKSPEIER.

HAME ATTACHMENT.

No. 375,355. Patented Dec. 27, 1887.

Fig. 2.

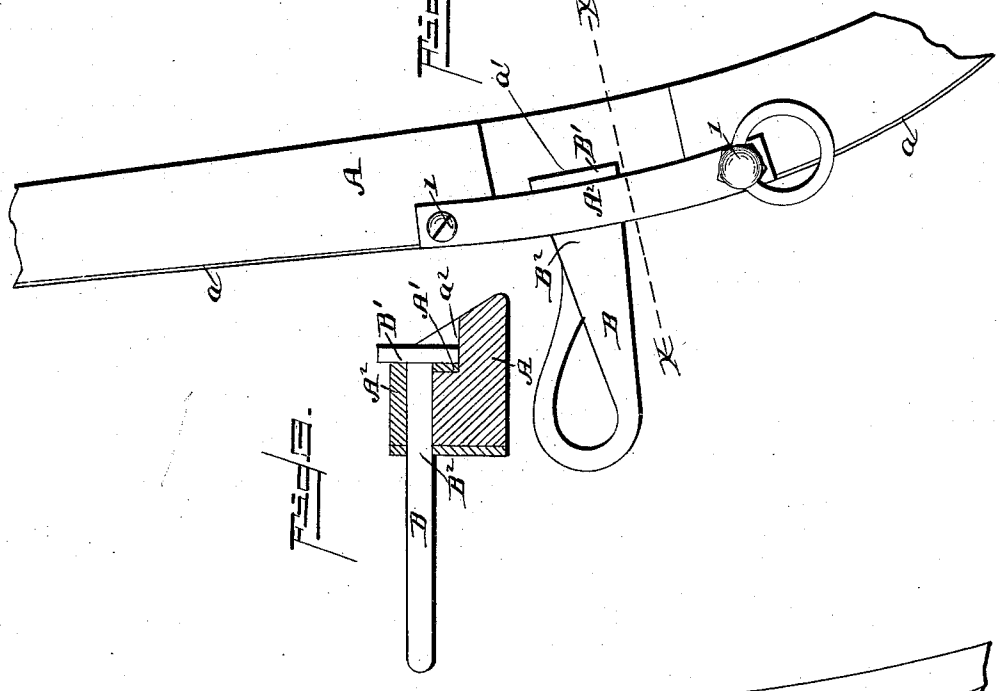
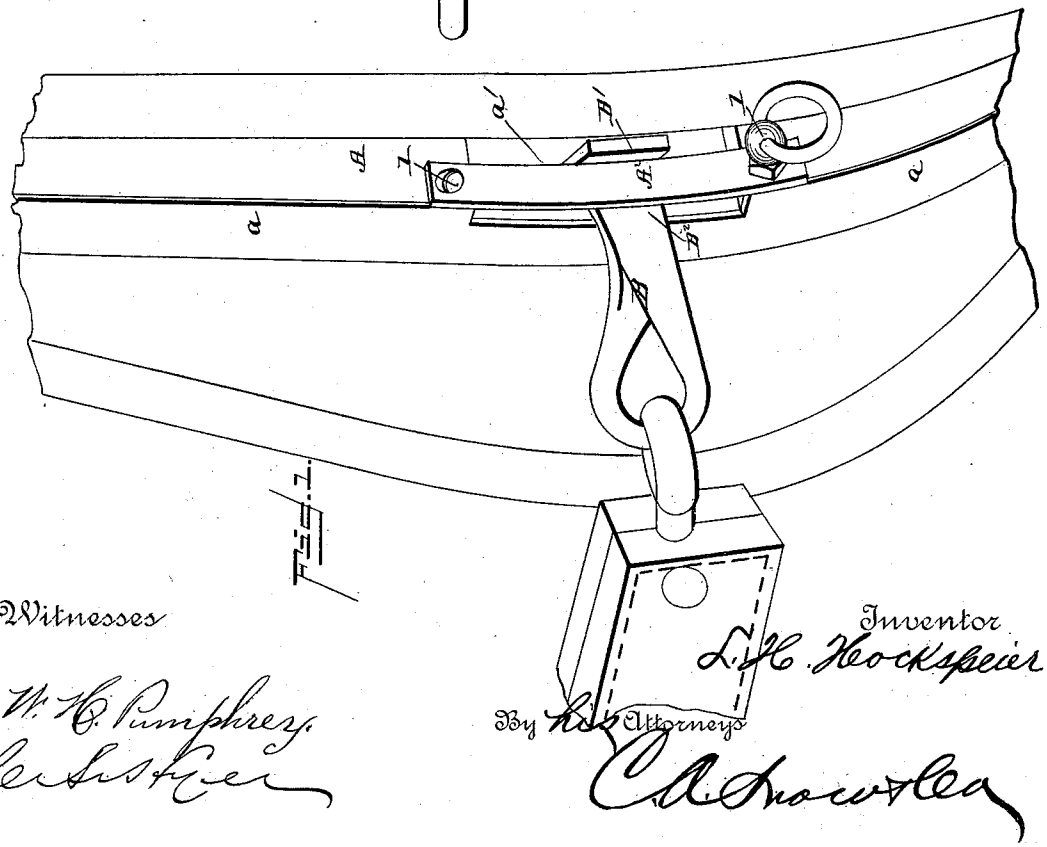


Fig. 3.

Fig. 1.



Witnesses

W. C. Dumphrey.

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UNITED STATES PATENT OFFICE.

LOUIS H. HOCKSPEIER, OF SHEFFIELD, IOWA.

HAME ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 375,355, dated December 27, 1887.

Application filed July 13, 1887. Serial No. 244,148. (No model.)

To all whom it may concern:

Be it known that I, LOUIS H. HOCKSPEIER, a citizen of the United States, residing at Sheffield, in the county of Franklin and State of Iowa, have invented a new and useful Improvement in Hame-Hooks, of which the following is a specification.

My invention relates to an improvement in hame-hooks; and it consists in the construction and combination of devices that will be more fully set forth hereinafter, and pointed out in the claim.

The object of my improvement is to provide a construction, in connection with the hame, whereby the attaching-hook is adjustably mounted and accommodates itself to the draft and to the size of animal. I attain this object by the construction illustrated in the accompanying drawings, wherein like letters of reference indicate similar parts in the several views, and in which—

Figure 1 is a perspective view of my improvement shown in connection with a hame, a portion of a trace, and a collar. Fig. 2 is a side elevation of a hame with my improvement applied in connection therewith. Fig. 3 is a transverse vertical sectional view on the line *x x* of Fig. 2.

A indicates a hame, of any preferred form of construction, having a back iron, *a*. In the lower portion of the hame an angular recess, *a'*, is formed, which recess is formed through the back iron, *a*, and has a shoulder, a^2, formed at the inner portion thereof, transversely arranged at right angles to the main portion of the recess. Against this shoulder a^2 a metallic bearing-plate, A', is secured, and over the top portion of the recess on the face of the hame a larger plate, A^2, is secured. These plates will be attached to their points of securement by suitable means, preferably by screws. Before the top plate, A^2, is secured in position the hook B is inserted in the recess, and the plate then secured over the shank of the said hook. The end of the shank of the hook B is formed with a T-head, B', which projects downward from one side against the shoulder a^2 and in contact with the bearing-plate A', and the other portion thereof bears against the inner edge of the plate A^2. The shank B^2 of the said hook is preferably constructed of a flattened configuration, so that it will have an easy movement in the recess *a'*. This hook B projects outwardly from the hame, and is adapted to be engaged by the loop formed with the forward end of the trace, as shown in Fig. 1, and may be adjusted in a vertical line, as may be desired and required with relation to the draft. As shown in Fig. 1, the said hook has its shank bent at an angle, so as to accommodate the attachment of the trace and to arrange itself relatively to the parts with which it is used in connection, as will be readily understood.

In order to adjust the hook proportionate to the draft required, the top plate, A^2, is made of thick metal, and sufficiently strong to produce a tight bearing contact upon the shank of the said hook and hold it in a fixed position in the recess *a'*. By loosening one of the screws *l* the position of the said hook may be changed when desired and adjusted as is required. In place of the hook shown in the drawings a link having a shank may be used, the use of said construction being determined by the purpose to which it is to be applied. When the hook has been adjusted in any desired position in the recess *a'*, the plate A^2 is screwed home thereupon and securely fastens the said hook in a desired position. By this means the inconvenience of having the draft too high or too low may be overcome and the defect remedied by the use of my improved form of construction.

The novelty and utility of my improvement being obviously apparent and appreciable, it is unnecessary to further enlarge upon the same herein.

Having thus described my invention, I claim—

The combination, with the hame having the recess *a'* and the shoulder a^2, formed at the inner portion of said recess, of the bearing-plate A', secured to said shoulder, the hook B, having the flat shank B^2, and T-head B', bearing against said plate A', and the plate A^2, secured to the hame across the recess *a'* and over the flat shank of the hook, whereby the hook will be held in said recess, and may be adjusted therein to suit the draft, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LOUIS H. HOCKSPEIER.

Witnesses:
GENE. B. HARTWELL,
W. H. THOMSON.