

(No Model.)

J. G. MILLER.

HAME TUG.

No. 348,987.

Patented Sept. 14, 1886.

Fig. 1.

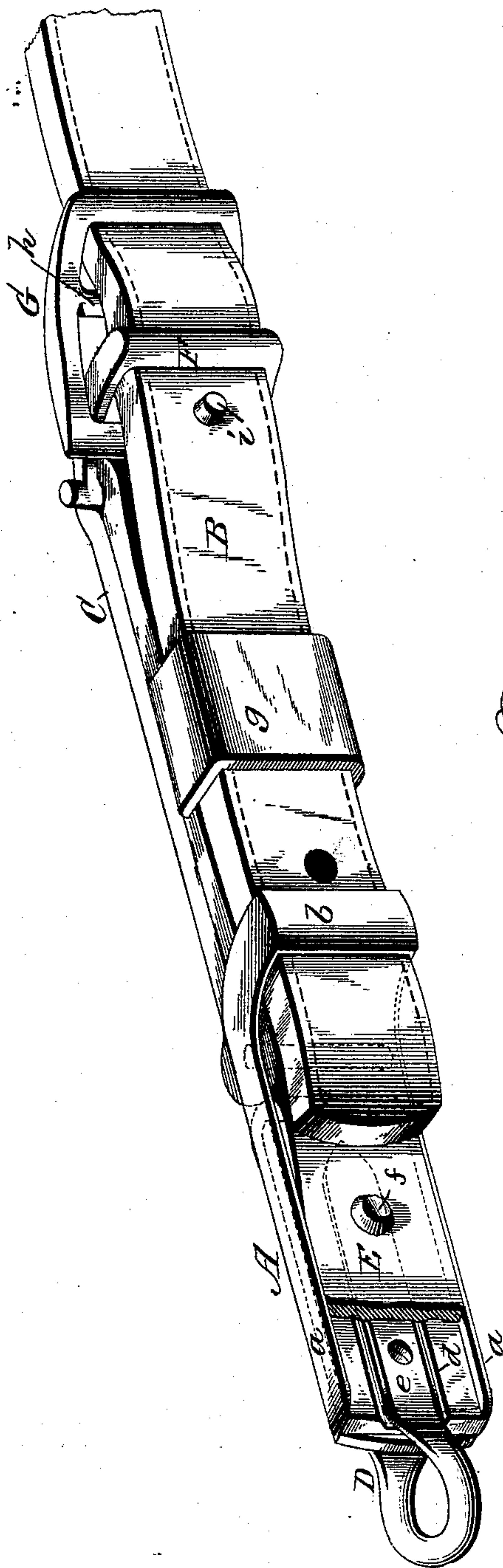
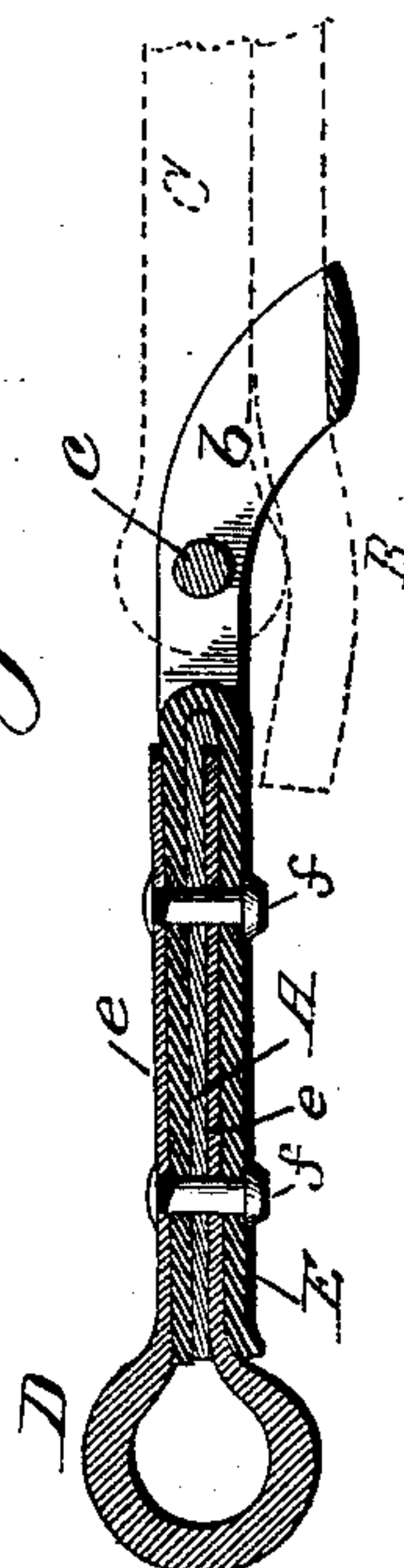


Fig. 2.



WITNESSES

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HAME-TUG.

SPECIFICATION forming part of Letters Patent No. 348,987, dated September 14, 1886.

Application filed April 27, 1886. Serial No. 200,307. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. MILLER, a citizen of the United States, residing at Champaign, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Hame-Tugs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention, and Fig. 2 a detail sectional view thereof.

The present invention has for its object to provide a simple, strong, and durable hame-tug; and it consists in the details of construction, substantially as shown in the drawings and hereinafter described and claimed.

In the accompanying drawings, A represents the metal end section of the hame-tug, consisting of a flat plate formed with flanges *a* at its sides, and at its forward end with a loop, *b*, and cross-bar *c*, to receive the end of the draft-tug strap B and connecting-strap C, respectively.

The rectangular plate of the section A is formed upon one of its sides with a recess, *d*, in which fits one of the shanks *e* of a hame clip or eye, D, thereby preventing the eye from working loose by forming a seat for its shank, and also enabling the shank to come flush with the upper surface of the plate, so that the usual leather covering, E, may be conveniently secured in place by rivets *f*, which pass through the covering shanks and plate. The flanges *a* of the plate are of sufficient width to shield

and protect the edges of the leather covering E, and it should be noticed that one of the shanks *e* overlaps the covering, as shown in Fig. 2, to form an additional fastening thereto.

The connecting-strap C is provided with a leather loop, *g*, through which passes the draft-tug strap B, and at the forward end of the connecting-strap is a metal loop, F. This loop F, as will be seen, engages with a metal loop, G, by its end extending through it, the latter-mentioned loop having a cross-bar, *h*, and tongue *i*, which engages with one of a series of holes in the strap B, said strap extending through the loop F and through loop G, between the forward end thereof and the cross-bar *h*, forming together a combination-loop for securely holding the draft-tug strap to the rear tug-section.

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

A hame-tug consisting of the section A, provided with the clip or eye D, and formed with a rigid loop, *b*, having cross-bar *c*, to which is connected the strap C, a loop, F, attached to said strap, and the loop G, formed with cross-bar *h* and tongue *i*, and extending over the loop F, and the draft-tug strap B, passing through the several loops, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN G. MILLER.

Witnesses:

CHARLES WITT,
J. V. FORRESTER.