

(Model.)

E. C. LELIE.

HAME TUG.

No. 287,138.

Patented Oct. 23, 1883.

Fig. 1.

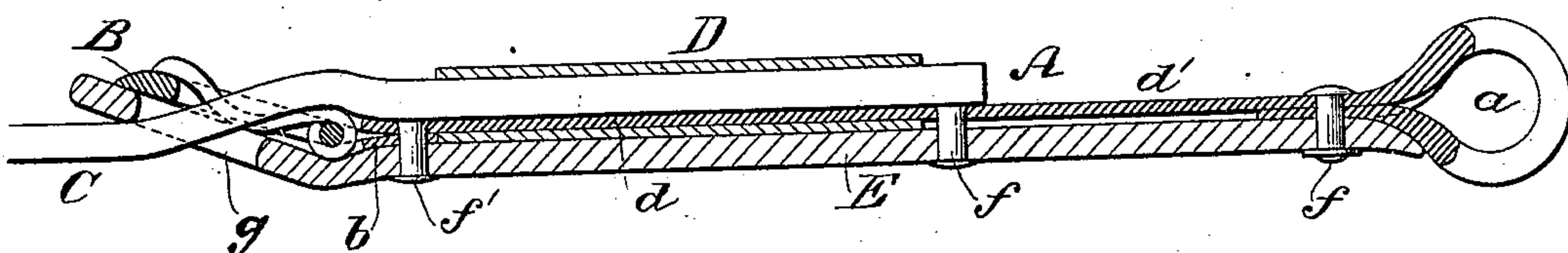


Fig. 2.

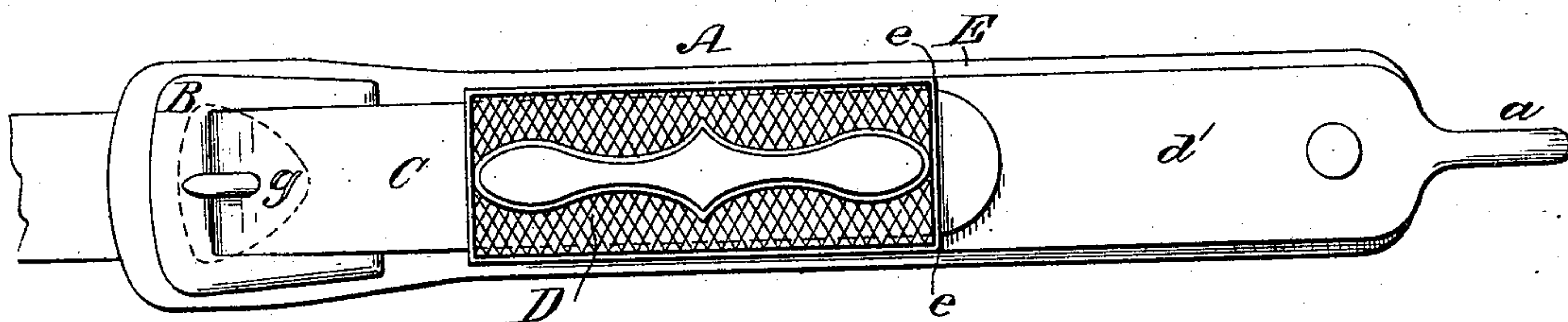
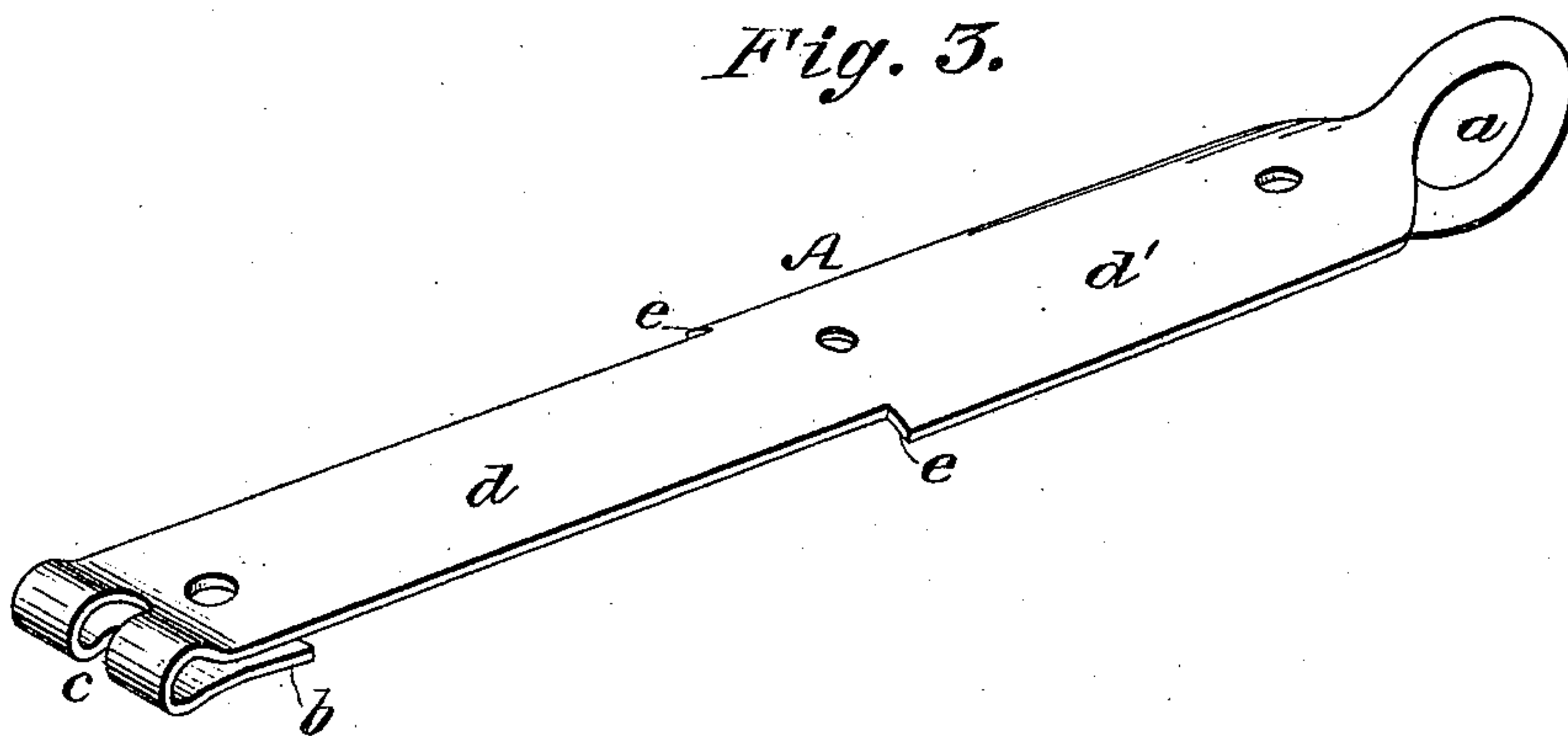


Fig. 3.



WITNESSES:

John C. Deemer
C. Sedgwick

INVENTOR:

E. C. Lelie

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EMILE C. LELIE, OF ST. GENEVIEVE, MISSOURI.

HAME-TUG.

SPECIFICATION forming part of Letters Patent No. 287,138, dated October 23, 1883.

Application filed August 16, 1883. (Model.)

To all whom it may concern:

Be it known that I, EMILE C. LELIE, of St. Genevieve, in the county of St. Genevieve and State of Missouri, have invented a new and
5 Improved Hame-Tug, of which the following is a full, clear, and exact description.

My invention relates to certain improvements in hame-tugs for harness; and the invention consists of the construction, arrangement,
10 ment, and combination of parts, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my new and improved hame-tug, showing the draft-tug in place in the buckle and in the box-loop. Fig. 2 is a plan view of the same, and Fig. 3 is
20 a perspective view of the hame-tug clip.

A is the hame-tug clip. This is folded at its forward end to form the eye *a*, in which the ring or staple of the hame of the harness is placed. At its rear end the clip A is folded under, as
25 shown at *b*, and slotted, as shown at *c*, for receiving and holding the buckle B, that receives and holds the draft-tug C, as shown clearly in Fig. 1. The rear part, *d*, of the clip A is made narrower than the forward part, *d'*, thereof.
30 This is for the purpose of enabling the stops or offsets *e* to be formed at the edges of the clip, which offsets serve to prevent the box-loop D from forward movement when in place upon the hame-clip A. The box-loop D is prevented from backward movement upon the
35 hame-clip by the end of the folded part *b* of the hame-clip A, against which it comes, as shown in Fig. 1.

E is the leather lining of the hame-clip A, which by preference is made slightly wider than the clip, and is secured to the clip A by the rivets *f f* and *f'*, which latter rivet at the same time serves to secure the folded end *b* of the clip A, as shown, and the lining E is cut
45 away at its rear end to form the opening *g*, through which the draft-tug C passes to the buckle B, the lining serving to support the

buckle B, so that the buckle will not come in contact with the tug, to wear and cover it with rust.

In putting the parts of my new hame-tug together, first hook the clip A to the staple of the hame, close the eye *a*, slip the box-loop D on clip A to the offset *e*, then the buckle B is put in between the fold *b* and main part of the clip, the tongue of the buckle passing
55 through the slot *c*, then the fold *b* is pressed down, so as to come down against the end of the box-loop D, the leather lining E is put in place, and then the rivets *f f* and *f'* are inserted and headed, thus completing the hame-tug. In this manner it will be seen that the tug can be very easily and quickly made, and that no skill is required in putting it together, and by extending the clip A from the eye *a*,
65 where it is attached to the hame, back to the buckle B, and attaching the buckle to the clip, it will be seen that there is no leather to rust, wear out, or break, the eye *a* being the only wearing part, which will last as long as the harness, and by extending the clip A all the way from the eye *a* to the buckle B the tug will not warp or bend, as is the case with tugs made of leather. The tug is therefore not only cheaper and easier to make, but is more durable than the tugs in use. Besides, my new hame-tug is light and trim, and may be made very ornamental.

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

In a hame-tug, the combination of the clip A, having eye *a*, the end *b*, slotted at *c*, and bent around and beyond the rear bar of the buckle-frame and the opposite offsets *e e*, the buckle B, the draft-tug C, the box-loop D, and the lining E, provided with opening *g*, all secured together by the rivets *f f f'*, substantially as shown and described.

EMILE C. LELIE.

Witnesses:

CYRUS C. KERLAYON,
JULES B. GUIGNON.