

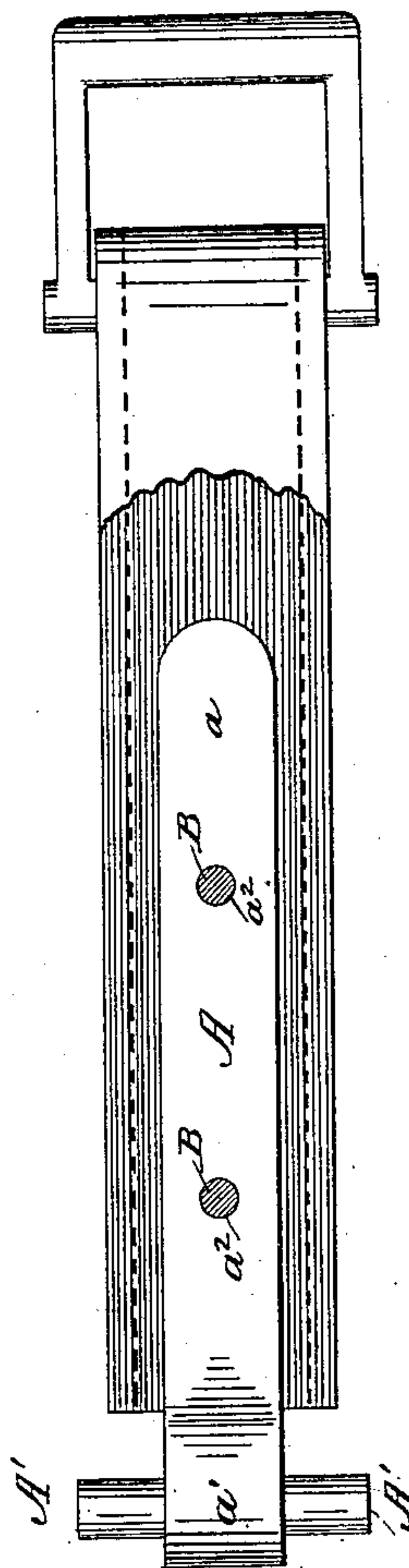
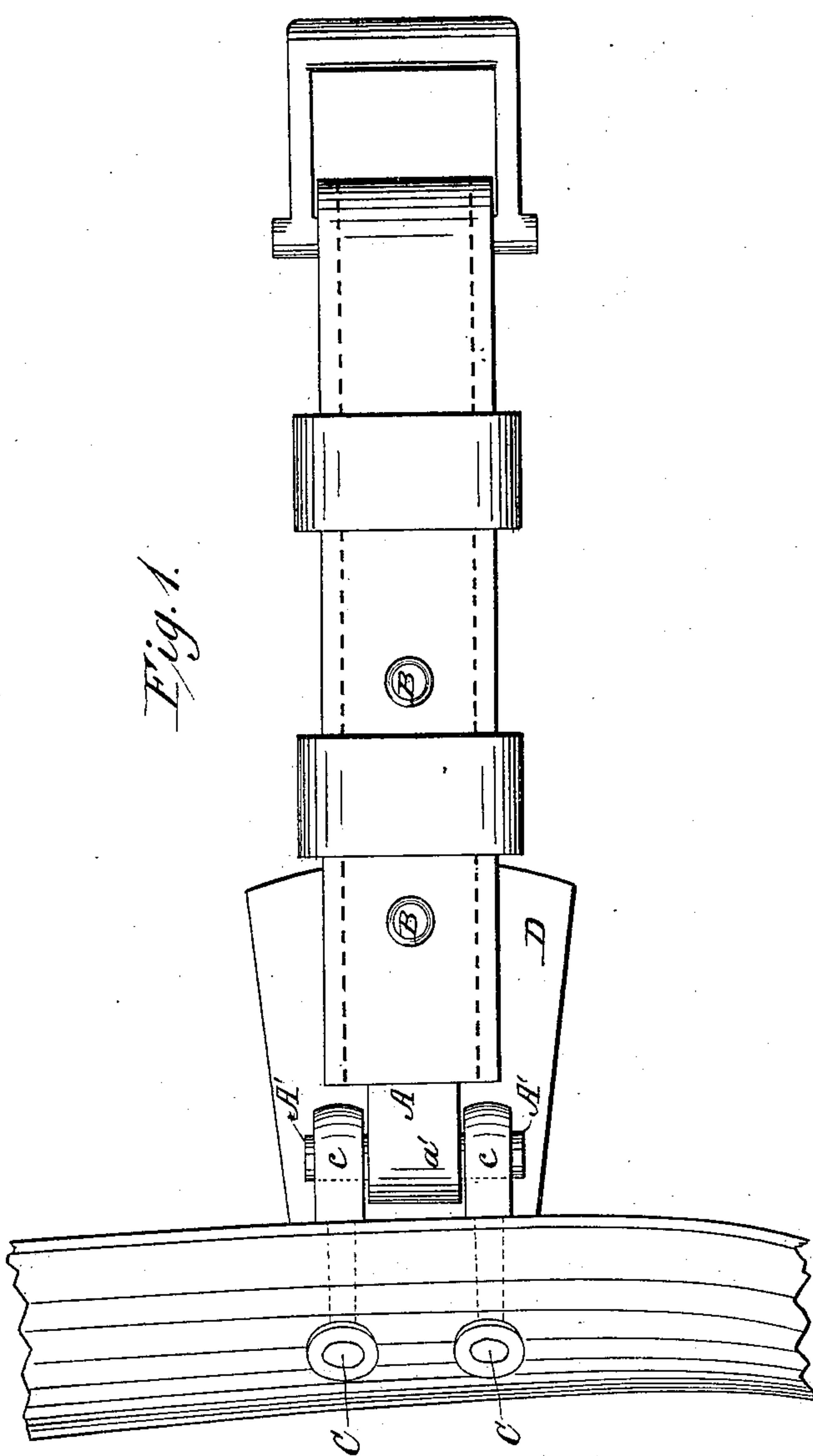
(No Model.)

J. T. CONDON.

HAME TUG.

No. 337,248.

Patented Mar. 2, 1886.



WITNESSES:

W. W. Hollingsworth
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UNITED STATES PATENT OFFICE.

JOHN THOMAS CONDON, OF KINGSLEY, IOWA.

HAME-TUG.

SPECIFICATION forming part of Letters Patent No. 337,248, dated March 2, 1886.

Application filed October 26, 1885. Serial No. 181,028. (No model.)

To all whom it may concern:

Be it known that I, JOHN THOMAS CONDON, of Kingsley, in the county of Plymouth and State of Iowa, have invented a new and useful Improvements in Hame-Tugs, of which the following is a description.

My invention is an improvement in hame-tugs, and has for an object to provide a more durable device and one that will not wear or otherwise damage the collar.

The invention consists in the novel constructions and combinations of parts, as will be hereinafter first fully described, and then pointed out in the claims.

In the drawings, Figure 1 is a front view of a section of a hame provided with my improvements; and Fig. 2 is a detailed front view of the tug, the leather being partly removed to show the clip-shank.

Heretofore hame-tugs have been provided with rings engaging rings or hooks on the hames, as is well known. This construction has proved objectionable in that it will quickly wear out, and will also rub the collar, wearing and otherwise damaging the same. Hame-tugs have also been connected with the hames by a vertical pivot, and to such end hames have been provided with eyes and tug-hooks, or clips have been formed with integral pivot studs.

My invention relates particularly to this class of hame-tugs; and it consists in certain novel constructions and combinations of parts, as will be hereinafter explained.

The clip-iron A is formed with a body, *a*, preferably enlarged at one end, forming a head, *a'*, from the upper and lower edges of which are projected studs *A'*. Holes *a'' a''* are formed through the iron for the rivets or bolts B, by which the clip is secured between the ends of the leather tug-strap. The clip-body extends in the tug-strap a distance about equal the width of the roll of a collar, so that the tug will bear against the face of such roll, and the direct draft of the trace will be exerted in approximately line with the outer end of the clip. Bolts C C are provided at one end with eyes *c*, fitted to receive the studs *A'*. These bolts are passed through the hame, and their

points are riveted or otherwise secured, the studs *A'* being secured within the eyes, as clearly shown in Fig. 1. By this construction a strong pivot is provided and one that prevents any rotary or twisting movement of the tug which rests against the roll of the collar.

A wear piece or pad, D, of leather, may be secured to the hame and project under the eyes *c c* and head of the clip, as shown in Fig. 1.

By the construction described the tug stands out, and will not dig into and wear the collar.

The clip is simple and can be manufactured at a slight cost for sale to the trade.

Having thus described my invention, what I claim as new is—

1. The combination of the hame having eyes *c c*, the tug-strap, and the clip A, having its shank or body *a* incased and held in the tug-strap, and its head *d* projected out beyond such strap, and the projections or studs *A'* extended from the opposite sides of the head *a'* and into the eyes *c c*, substantially as set forth.

2. As an improved article of manufacture, the herein-described hame-tug, consisting of the strap adapted at one end for connection with a trace, and the clip A, having its body or shank *a* incased within the opposite end of said strap, and its head *a'* projected out of such strap, and having the studs *A'*, projected in opposite directions from said head, substantially as set forth.

3. The combination, substantially as hereinafore described, of the hame, the shield D, secured at one end to the rear edge of the hame, the eyes *c c*, secured to said hame, the tug strap and the clip having its body or shank *a* incased in said strap, and its head *a'* projected out therefrom, and the studs *A'*, extended from the opposite sides of the head *a'* and fitted into the eyes *c*, all arranged and operated substantially as and for the purposes specified.

JOHN THOMAS CONDON.

Witnesses:

T. B. S. O'DEA,
E. B. PERRY.