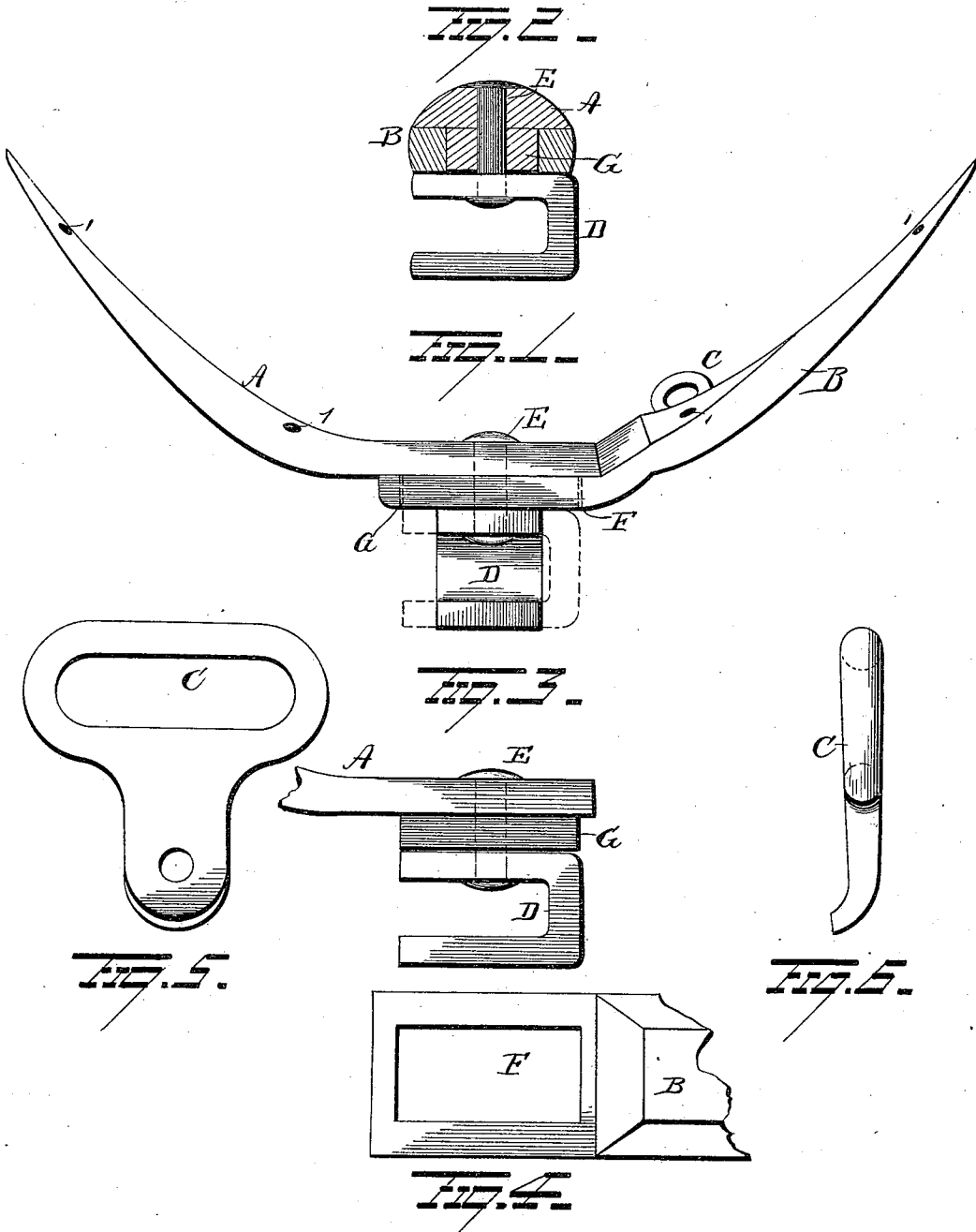


(No Model.)

J. THIELEN.
HORSE COLLAR FASTENER.

No. 450,389.

Patented Apr. 14, 1891.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN THIELEN, OF FREMONT, NEBRASKA.

HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 450,389, dated April 14, 1891.

Application filed January 11, 1890. Serial No. 336,666. (No model.)

To all whom it may concern:

Be it known that I, JOHN THIELEN, of Fremont, in the county of Dodge and State of Nebraska, have invented certain new and useful Improvements in Collar-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in collar-fasteners, the object being to provide an attachment for horse-collars whereby the collar may be opened and closed at the bottom and quickly and securely fastened.

With this end in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of the fastening, showing the parts locked. Fig. 2 is a transverse sectional view with the parts locked. Fig. 3 is a view of one of the parts detached. Fig. 4 is a plan view, and Figs. 5 and 6 are detail views of the strap-eyelet.

A and B represent a pair of horns or plates of similar shape and size, preferably flattened on the lower faces and rounded on the opposite side. The collar, instead of being opened at the top, as is customary, is adapted to be opened at the bottom when placed upon a horse's neck or taken therefrom, and the horns or plates are provided with several holes 11, through which rivets or other devices are passed, in order to secure the horns to the collar. The horn B is flattened at its lower end, and in this portion an opening or socket F, preferably oblong in shape, as shown in Fig. 4, is formed. A block G of corresponding shape to this opening or socket F is welded or otherwise secured to the lower end of the horn A, and the thickness of this block is the same as the thickness of the portion of horn B in which the opening or socket F is made, so that when the horns are fitted together or interlocked this block just fills the socket, making the two like one continuous piece.

A U-shaped hook D is swiveled on the bolt or other device E in the end of horn A. The

width of this hook is the same as that of the block G, and its length is also substantially the same, and when the lower ends of the horns are placed together the hook, being turned longitudinally of the horns, as shown in Figs. 2 and 3, is, with the block G, inserted into the opening or socket F in the other horn, when the parts will be in the relative positions shown in Fig. 2. The hook D is then swung around on its pivot E, as shown in Figs. 1 and 5, so that it lies across the slot or socket F and locks the two horns A and B, and in consequence the parts of the collar, together. To prevent the hook from turning back and releasing the parts of the fastener again, the hame-straps are placed through the hook. As long as the straps of the hames are in the hook it is impossible for it to turn on its pivot far enough to become released.

As a means of attaching the yoke-strap, a loop or eyelet C is riveted or otherwise securely fastened to the horn B in some convenient position, and the strap is passed through it, the particular object of this loop being to prevent the yoke-strap from dropping off the collar when the collar is opened in being taken off or being put on the horse.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention. Hence I do not wish to limit myself to the exact construction herein set forth; but,

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

1. A collar-fastening consisting of a pair of horns or plates, one of said horns or plates having an angular slot or socket in one end, and the other a block of corresponding shape adapted to fit in the slot or socket, and a locking device made substantially the size of the block and pivotally connected with the horn or plate to which the block is secured and adapted to pass through the slot or socket ahead of the block and be turned transversely to lock the plates or horns together, substantially as set forth.

2. The combination, with a pair of plates or horns, one of said plates or horns having an

angular opening or socket therein, and the other having a corresponding block adapted to enter the socket, of a plate or hook pivoted to the horn with the block and adapted to pass through the socket and be turned laterally to lock the parts together, substantially as set forth.

3. The combination, with a pair of horns or plates secured to the ends of a collar, one of said horns or plates having an opening or socket therein in its lower end, and the other horn or plate having a block which fits into the socket, of a U-shaped hook pivoted to the

horn and adapted to pass through the socket and be turned laterally and held by the same straps passing through it, and an eyelet secured to one of the horns, substantially as set forth. 15

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 20

JOHN THIELEN.

Witnesses:

F. DOLEZAL,
J. F. FRICK.