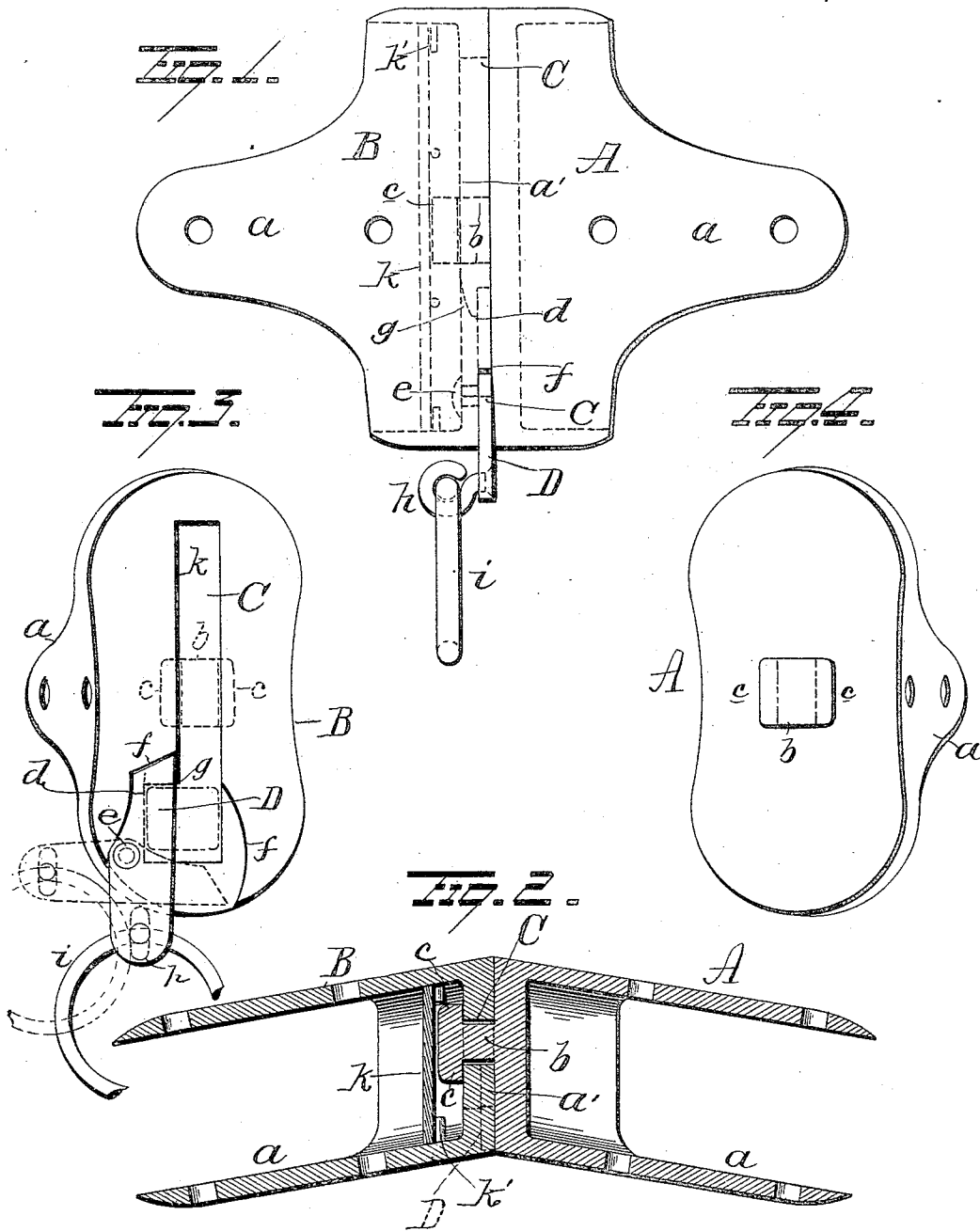


(No Model.)

O. DRAKE.
HORSE COLLAR FASTENER.

No. 529,523.

Patented Nov. 20, 1894.



Witnesses
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UNITED STATES PATENT OFFICE.

OWEN DRAKE, OF ARMADA, MICHIGAN.

HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 529,523, dated November 20, 1894.

Application filed June 6, 1893. Serial No. 476,766. (No model.)

To all whom it may concern:

Be it known that I, OWEN DRAKE, a resident of Armada, in the county of Macomb and State of Michigan, have invented certain new and useful Improvements in Horse-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 horse-collars and more particularly to fasteners for horse-collars.

The object of the invention is to so construct a fastener for a horse collar that the latter will, when in use, readily adjust itself to the shoulders of the horse.

A further object is to produce a fastener for a horse collar which shall be simple in construction, cheap to manufacture and effectual in the performance of its functions.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings: Figure 1 is a view illustrating my improvement with the parts assembled. Fig. 2 is a sectional view of the same. Figs. 3 and 4 are detail views.

A, B, represent two metallic tips or socket pieces, adapted for the reception of the ends of a horse collar (not shown), said tips or socket pieces being preferably made with ears or arms *a* adapted to be secured to the collar. From the end of the tip or socket piece A, a pin *b* projects and at its end is provided with laterally projecting lugs *c*. The end plate *a'* of the tip or socket piece B is made with an elongated L-shaped slot C, in which the pin *b* is adapted to have a free movement,—said pin being inserted, (when the parts are being assembled) through the enlarged end *d* of said slot, and the lugs *c* being adapted (when the parts are assembled) to bear against the inner face of the end piece *a'* of the tip or socket piece B. The enlarged portion *d* of the slot C will normally be partially closed by means of a pivoted latch bar D, so that the elongated slot C will be of the same width from end to end thereof, whereby to prevent the passage of the lugs *c* on the pin *b* through said en-

larged end *d* of the slot,—the socket pieces or tips A, B, being thus prevented from escape, one from the other. The latch bar D is preferably located on the outer face of the end piece *a'* of the socket piece B and pivotally connected thereto by means of a suitable pin *e*,—said end piece *a'* being made with a recessed portion *f* for the accommodation of the latch bar so that the socket pieces will normally lie close together and the shoulder *e'* at one side of said recessed portion serves as a stop for the latch bar. At the junction of the elongated portion of the slot C and the enlarged portion *d*, the inner face of the plate *a'* is preferably beveled as at *g*, so that the lugs *c* on the pin *b* can readily pass into and out of the enlarged portion of the slot when the device is in use. The latch bar D projects beyond the socket pieces and at its free end is provided with a loop *h*, to which a ring *i* is connected, this ring being intended for the attachment thereto of a strap from the martingale, such attachment serving to retain the latch bar in place when the parts are assembled, thus preventing the separation of the socket pieces.

From the construction and arrangement of parts it will be seen that when one of the shoulders of the horse moves forward, the portion of the collar resting on that shoulder will move forward, allowing the other side to remain in proper position.

In order to prevent the conflict of the collar proper with the end of the sliding pin *b*, a plate *k* is inserted within the socket piece B and is supported and prevented from contact with said pin by means of pins or lugs *k'* projecting inwardly from the walls of said socket piece.

My improvements are very simple in construction, cheap to manufacture, not easy to get out of order and are effectual, in every respect, in the performance of their functions.

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

1. In a horse collar fastener, the combination with two socket pieces having substantially flat inner faces adapted to engage each other, one socket piece provided with a tongue enlarged at its outer end and the other furnished with an elongated slot extending ap-

proximately the length of the socket piece, one end of this slot enlarged, and the face of the socket piece recessed adjacent to the enlarged end of the slot, and a pivoted latch
5 located in the recess in position to normally cover the enlargement in the slot whereby to confine the tongue within the slot and permit a free sliding movement from one end of the slot to the other without permitting the tongue
10 to accidentally escape therefrom, substantially as set forth.

2. In a horse collar fastener, the combination with two socket pieces, one having an elongated slot, and a pin having an enlarged

end adapted to operate in said slot, of pins or
15 lugs projecting inwardly from the walls of the slotted socket piece, and a plate on said pins or lugs adapted to prevent the conflict of the collar proper with said first-mentioned
pin, substantially as set forth. 20

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

OWEN DRAKE.

Witnesses:

W. E. PRESTON,
HERMANN TIETZ.