

(No Model.)

F. H. KIEKENAPP.
COLLAR FASTENER.

No. 460,234.

Patented Sept. 29, 1891.

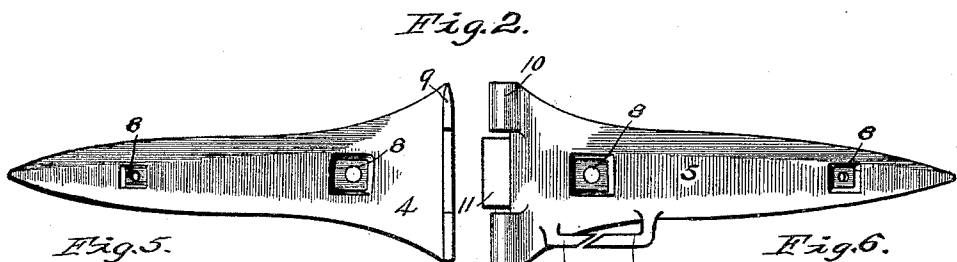
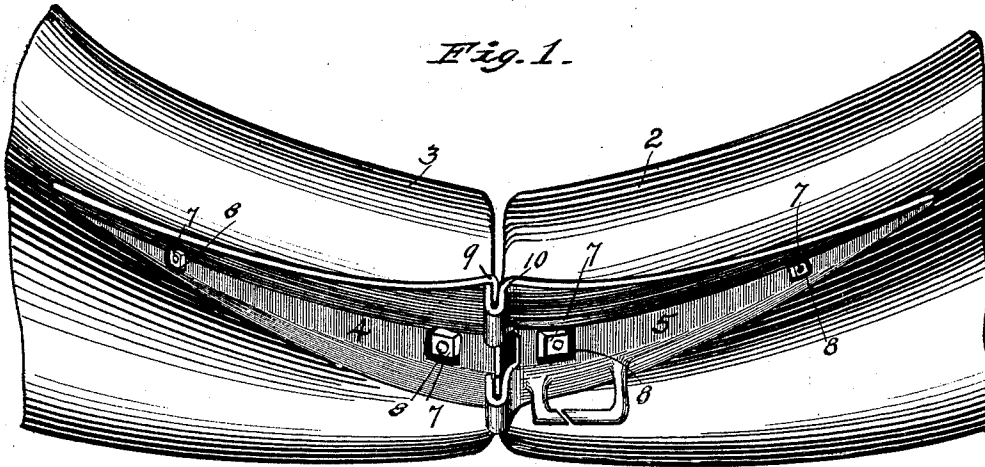
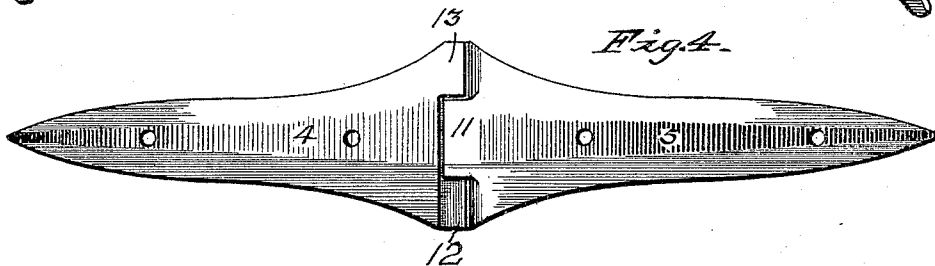
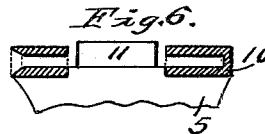
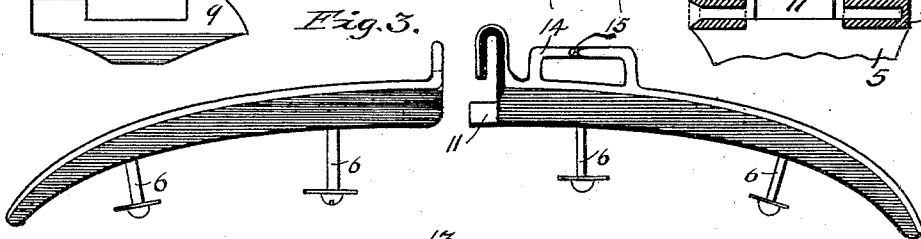


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

FREDERICK H. KIEKENAPP, OF FARIBAULT, MINNESOTA.

COLLAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 460,234, dated September 29, 1891.

Application filed May 25, 1891. Serial No. 393,926. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK H. KIEKENAPP, of Faribault, in the county of Rice and State of Minnesota, have invented certain
5 Improvements in Collar-Fasteners, of which the following is a specification.

My invention relates to means for securely, conveniently, and quickly fastening the ends of a horse-collar; and its object is to provide
10 a device of simple, cheap, and neat construction and which may be readily fastened upon the collar.

To this end my invention consists in a hinge-like fastening, one portion of which is secured upon each side or end of the collar, but
15 the parts, instead of being pivoted together, are secured by a strip-joint connection.

Further, my invention consists in various details of construction and in combinations,
20 hereinafter described, and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings, in which—

25 Figure 1 is a general view of a device embodying my invention. Fig. 2 shows a plan view of the parts, the same being separated. Fig. 3 is a side view of the same. Fig. 4 is a view of the under side of the device. Figs. 5
30 and 6 are details.

As shown in Fig. 1 of the drawings, the parts of my fastener are adapted to be secured on the ends 2 and 3 of the horse-collar and have a curved and V shape adapted to
35 fit the groove formed by the rim and the shoulder of the collar. These parts 4 and 5 are fastened to the collar by bolts 6 (shown in Fig. 3) and secured by heads or nuts 7, held from turning by the walls of the counter-
40 sunk opening provided in the outer surfaces of the device and adapted to receive the same. Said openings or recesses are deep enough so that the nuts are made flush with said surfaces, thereby preventing wear of the hame-
45 strap. The inner ends of the parts 4 and 5 are quite broad and are flattened, and are provided with outwardly-extending lugs 9 and 10. Lugs 9 are straight and thin, while the lugs 10 are grooved out on the inside
50 and adapted to receive the lugs 9, as indicated in Fig. 1. This constitutes the slip-joint or connection. The lugs 10 and 9 are

held in engagement and against a lateral movement by the bottom lug or projection 11, provided on the part 5 and engaging the under or inner side of the strap 4. This lug may
55 project out slightly from the surface or by partly grooving out the inner surface and end of the part 4 to form the groove 12, and the stop-shoulder 13, adapted to receive the lug, 60
6c may be made flush with the surface, so as to more nicely fit upon the collar. The shoulder 13 prevents the part 4 from slipping sideways. When the shoulder 13 is not used, I close the end, as shown in Fig. 6, to prevent
65 the sliding out of the lugs 9. The ends of the lugs are beveled and rounded, as shown in Figs. 5 and 6, to make the connection of the same more easy.

Between the lugs 9 and 10, respectively, 70 I provide the wide notches shown, wherein the hame-strap is adapted to lie snugly when the hames are fastened in position, thereby locking the lugs 9 in place in the slotted lugs
75 10. I also provide means for fastening the martingale-strap upon the part 5 of the collar-fastener, which means consist in the cut loop formed by the hooks 14 and 15, erected on the straps 5, facing one another, their ends being
80 oppositely beveled and standing a short distance apart. The strap does not need to be unbuckled in order to be inserted into this loop, but is passed down through to the inclined slot 15 between the hooks, and then bent or twisted into a flat position in the loop
85 or eye.

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

1. The combination, in a device of the class 90 described, of parts 4 and 5, having straight and slotted lugs 9 and 10, respectively, wide notches provided between the parts of said lugs and adapted to receive the hame-strap, a projection 11 on the part 5, adapted to en-
95 gage the back of the part 4, and a stop whereby the lugs 9 are prevented from slipping out of engagement with the lugs 10 after being secured in place, substantially as described.

2. A collar-fastener consisting in the parts 100 4 and 5, having straight and slotted lugs 9 and 10 arranged with notches between them, a projection 11 on the part 5 and adapted to engage the part 4, and one of said parts hav-

ing the loop or eye provided with the inclined slot 15, through which to insert the martingale, substantially as described.

3. The combination, in a device of the class
5 described, with the parts 4 and 5, having straight and slotted lugs 9 and 10 arranged with notches between them, of a projection 11 on the part 5, adapted to engage a projection on the part 4, and a loop or eye provided on

one of said parts and having the inclined slots 15, through which to insert the martingale, as described.

In testimony whereof I have, this 19th day of May, 1891, set my hand.

FREDERICK H. KIEKENAPP.

In presence of—

FRED. S. LYON,

O. G. HAWLEY.