

(No Model.)

H. L. QUIGLEY.

HAME AND COLLAR FASTENER.

No. 370,086.

Patented Sept. 20, 1887.

FIG. 1.

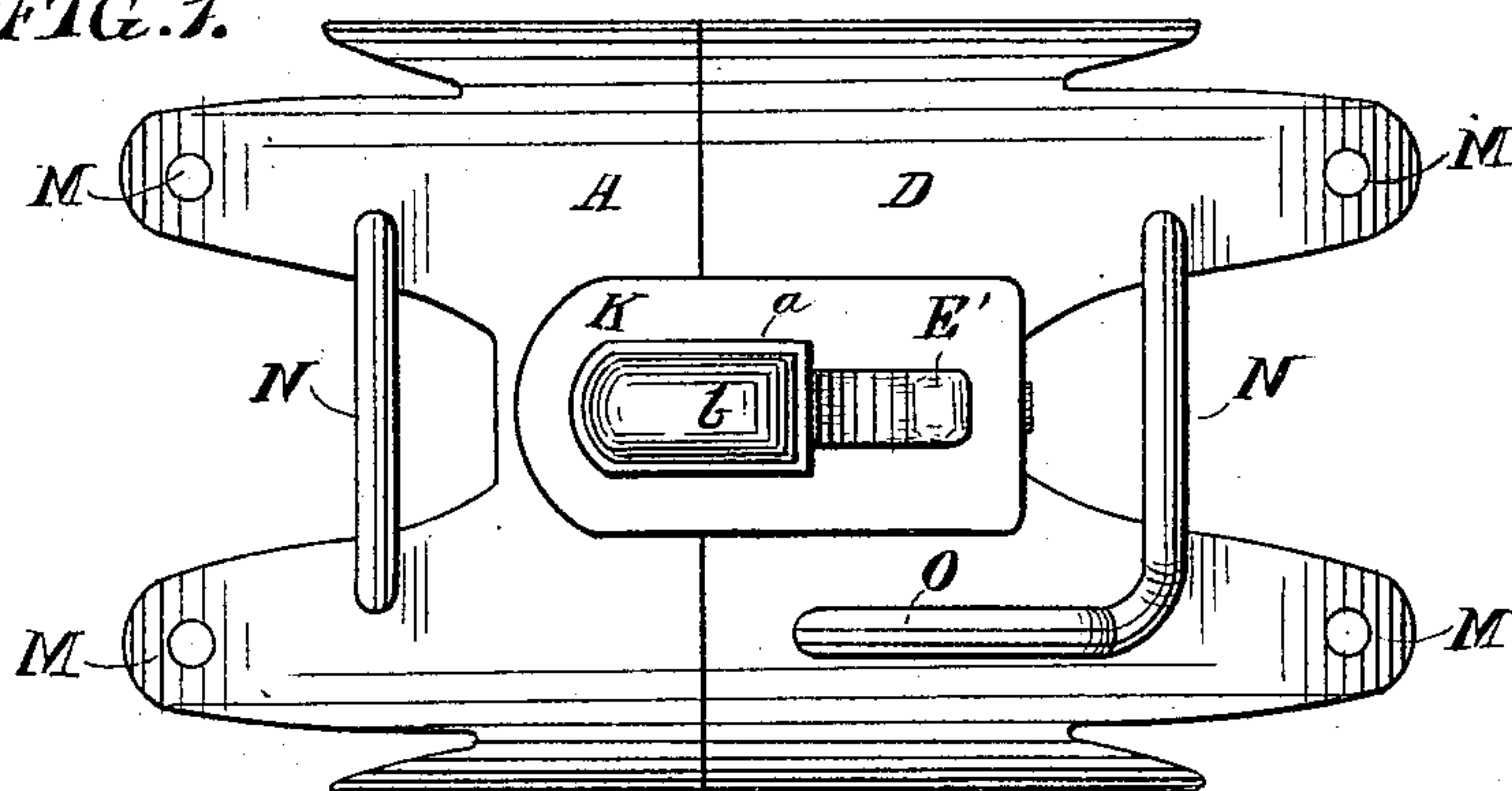


FIG. 2.

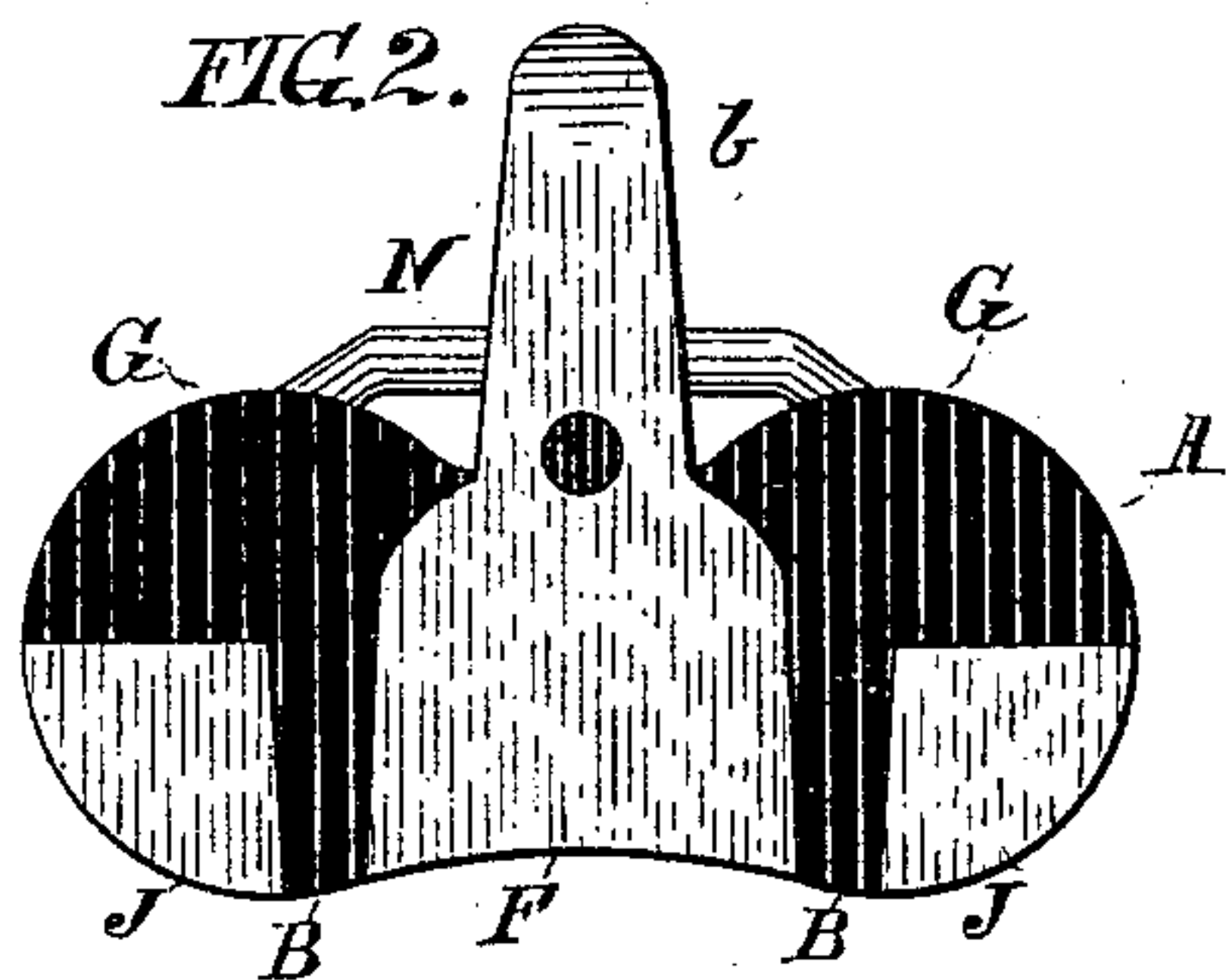


FIG. 3.

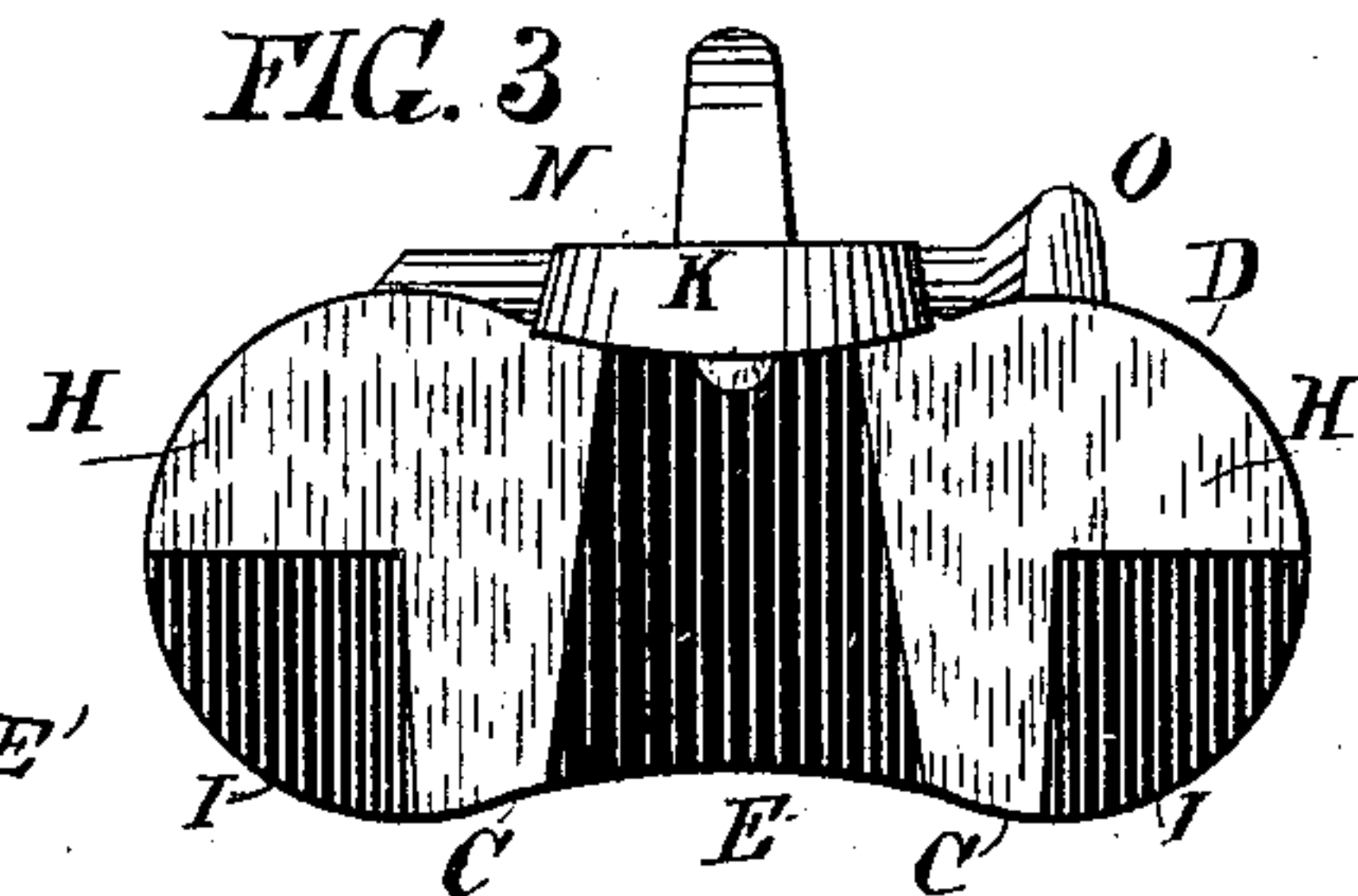


FIG. 4.

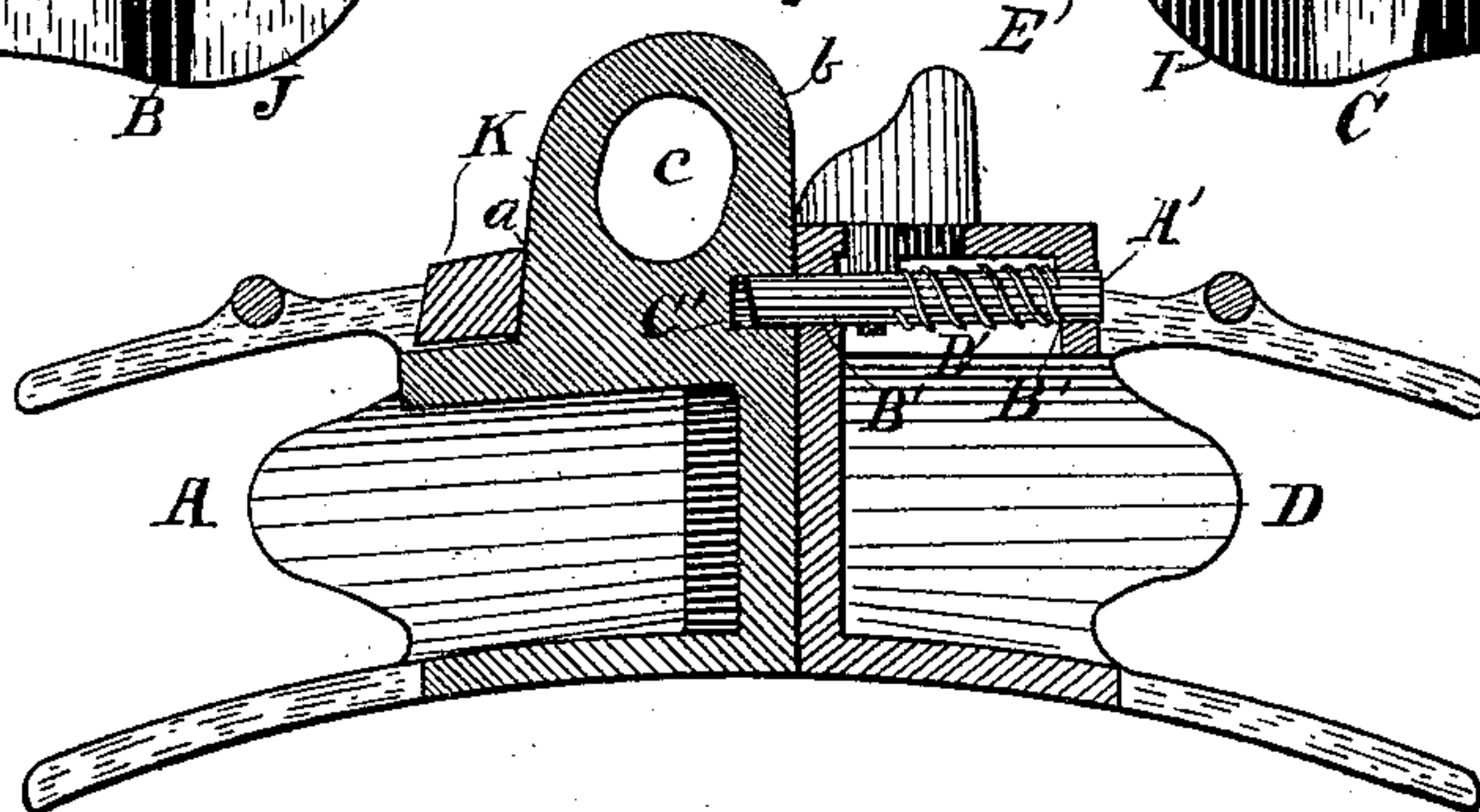
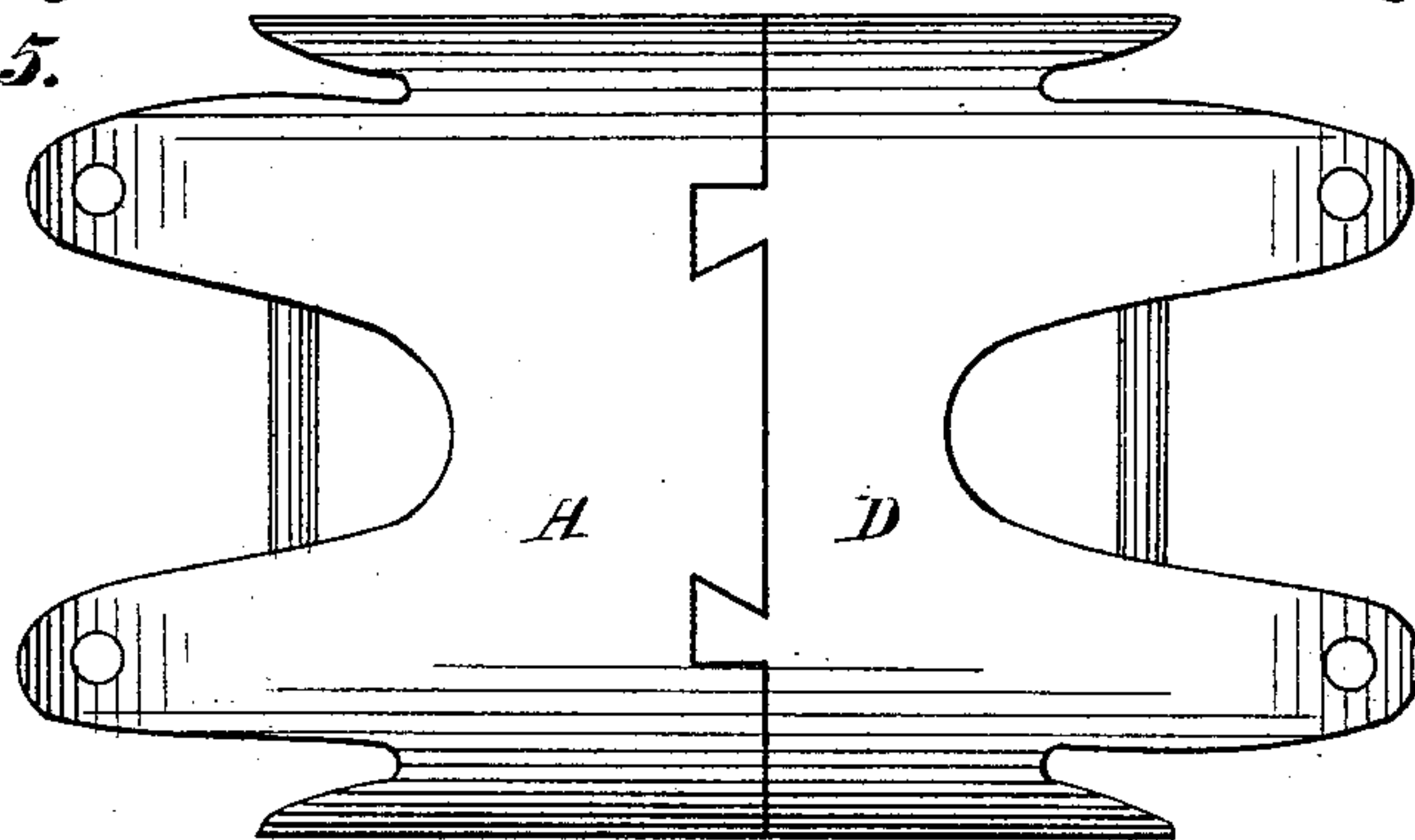


FIG. 5.



WITNESSES:  
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INVENTOR  
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BY *Emmott & Benedict*

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# UNITED STATES PATENT OFFICE.

HUGH L. QUIGLEY, OF MILWAUKEE, WISCONSIN, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO GEORGE N. BRESSLER, OF LONG PRAIRIE, MINNESOTA, AND GEORGE J. PILGER, OF MILWAUKEE, WISCONSIN.

## HAME AND COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 370,086, dated September 20, 1887.

Application filed November 11, 1886. Serial No. 218,548. (No model.)

*To all whom it may concern:*

Be it known that I, HUGH L. QUIGLEY, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Hame and Collar Fasteners; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in a certain hame and collar fastener for which Letters Patent of the United States, No. 290,661, were granted to John F. Becker December 25, 1883; and it pertains more especially to the construction and arrangement of the locking spring and catch and to the loops or keepers formed on the clasps for the reception of the snap-hook of a pole-strap, &c., and also to certain changes in the construction, whereby certain parts heretofore cast in separate pieces are now cast in the same piece with the clasps.

My invention is explained by reference to the accompanying drawings, in which--

Figure 1 represents a top view of the two clasps embodying my invention interlocked together. Figs. 2 and 3 represent the interlocking ends of the two clasps shown in Fig. 1 detached from each other. Fig. 4 represents a longitudinal section of the two clasps interlocked together, and Fig. 5 represents a bottom view of the two clasps interlocked together.

Like parts are represented by the same reference-letters throughout the several views.

The clasp A is provided with dovetail grooves B B for the reception of the downwardly-projecting dovetail tongues C C of clasp D, and the clasp D is provided with a dovetail groove, E, for the reception of the dovetail tongue F, while the recesses G G in clasp A are formed for the reception of the shoulders H H, and the recesses I I in clasp D are formed for the reception of the shoulders J J of the clasp A. As thus far described, the tongues and grooves and the recesses and shoulders are formed and interlocked together, substantially as shown and described in said patent.

By my improvement the clasp D is provided

with an overlapping plate, K, through which an aperture, a, is formed for the reception of the keeper b, formed on the clasp A, whereby the strain heretofore borne alone by the tongues and grooves is partially sustained by said keeper b and plate K. The keeper b is provided with an aperture, c, for the reception of the snap-hook of a pole-strap. When a snap-hook is inserted in said aperture c, it prevents all liability of the clasps becoming disengaged.

M M are holes formed in the clasps for the reception of rivets, by which said clasps are secured to the collar.

N N are loops for the reception of the hame-straps, by which the hames are secured to the collar.

O is a loop for the reception of a martingale-strap.

When the two clasps A and D are interlocked together, as shown in Figs. 1, 4, and 5, they are prevented from disengaging by the sliding bolt A', which is supported in retaining-ways B' B' beneath the upper wall of the clasp D, and it engages in a recess, C', formed for it in the clasp A, whereby said clasps are securely locked together. D' is a spring by which said bolt is automatically thrown into the locking position as said clasps are interlocked together.

E' is a knob or finger-piece, which is rigidly affixed to the bolt A', and by which said bolt is drawn back out of the locking position when desirous to disengage said clasps.

I am aware of the device shown in Patent No. 290,661, of John F. Becker, hereinabove referred to, in which the plate K is formed in a separate piece from the clasp D, and is secured thereto by a bolt, and the keeper b is formed in a separate piece from the clasp A, and is also secured to said clasp by a bolt, while by my improvements the part referred to as plate K is cast in the same piece with the clasp D, and the part referred to as keeper b is cast in the same piece with clasp A, whereby the bolts heretofore used for connecting such parts are dispensed with, and a much more substantial fastening is provided. In said Becker's patent the bolt-retaining recess C' is also formed in another separate piece from the keeper b, and is secured to the clasp by a bolt, while by my improvement such part is also cast in the



same piece with the clasp, and the retaining-bolt is dispensed with. In my device the keeper *b* extends, when locked, through the plate K, and is provided with an aperture, *c*,  
5 for the reception of a snap-hook, which, when inserted, prevents all possibility of said clasp becoming disengaged, while in the said Becker patent neither keeper *b* nor any equivalent therefor is shown. I do not, therefore, claim  
10 herein any devices shown in said Becker patent.

I am aware that keepers for holdback-straps have heretofore been formed in two separate parts, in connection with clasps for connecting the ends of collars together; but no provision  
15 is made in such device for fastening the hame to the clasps of the collar, while by my improvements the hames are secured to the clasp by the keepers N N, both ends of which are rigidly affixed to the clasps.

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

1. In a hame and collar fastener, the combination of the interlocking clasp D, plate K, cast  
25 in one piece therewith, provided with an ap-

erture, *a*, and the locking mechanism consisting of the horizontal bolt A', knob E', and spiral spring D', located in the wall of said clasp, interlocking clasp A, and keeper *b*, cast  
30 in one piece with clasp A and provided with snap-retaining apertures *c* and bolt-retaining recess C', substantially as and for the purpose specified.

2. In a hame and collar fastener, the combination of the interlocking clasps D, plate K,  
35 cast in one piece therewith, provided with an aperture, *a*, and the locking mechanism consisting of the horizontal bolt A', knob E', and spiral spring D', located in the wall of said clasp, interlocking clasp A, and keeper *b*, cast  
40 in one piece with clasp A and provided with a snap-retaining aperture, *c*, bolt-retaining recess C', and hame-retaining loops N N, substantially as and for the purpose specified.

In testimony whereof I affix my signature in  
45 presence of two witnesses.

HUGH L. QUIGLEY.

Witnesses:

JAS. B. ERWIN,  
E. R. INMAN.