

(No Model.)

J. B. KEEFE.

SNAP HOOK.

No.315,796.

Patented Apr. 14, 1885.

Fig. 1.

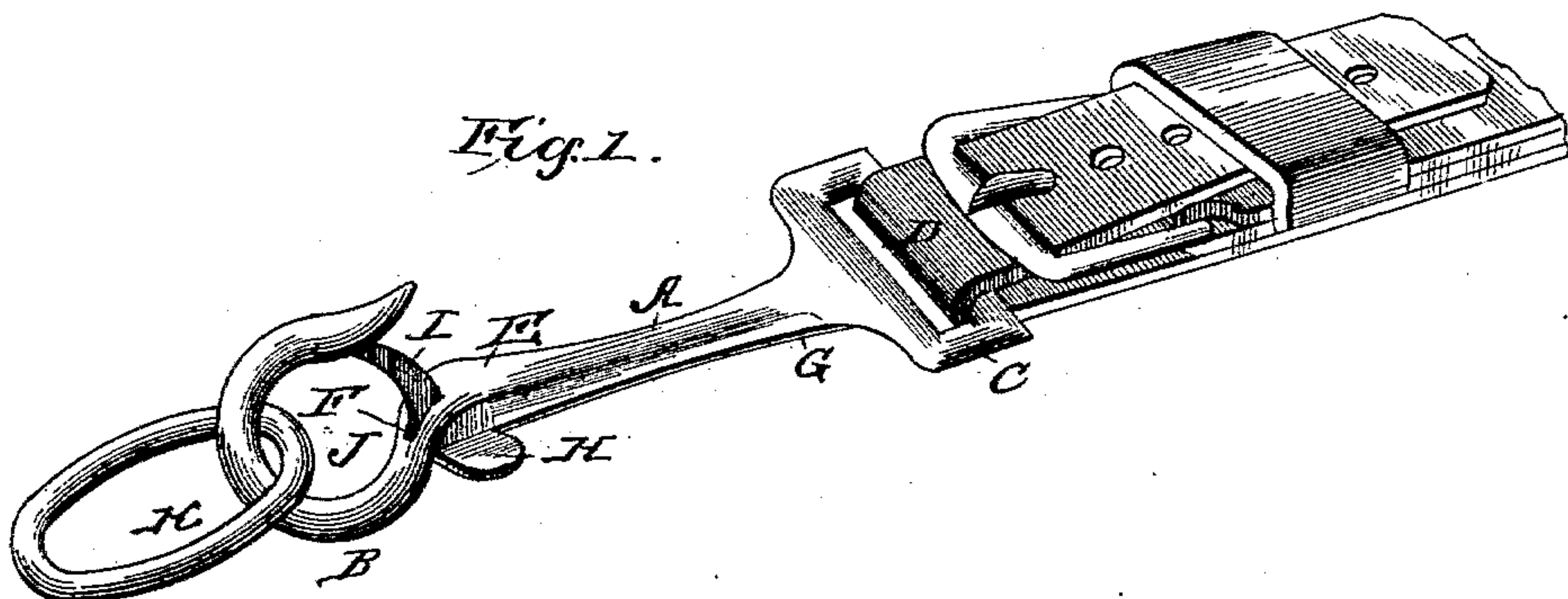


Fig. 2.

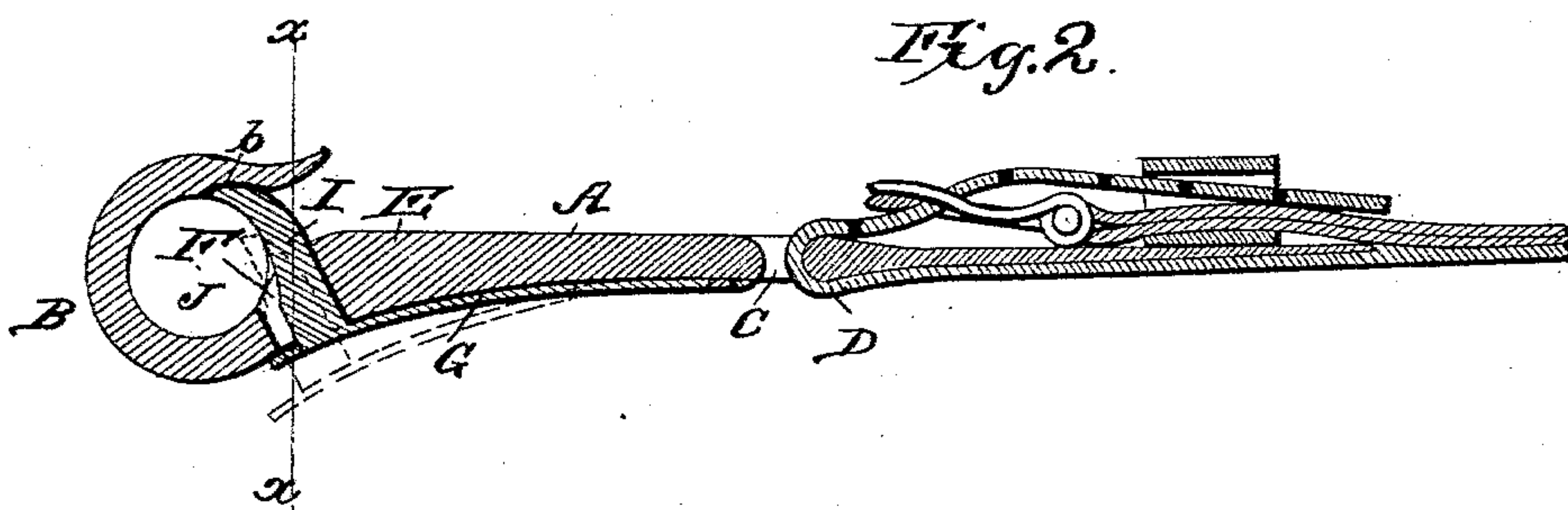


Fig. 3.

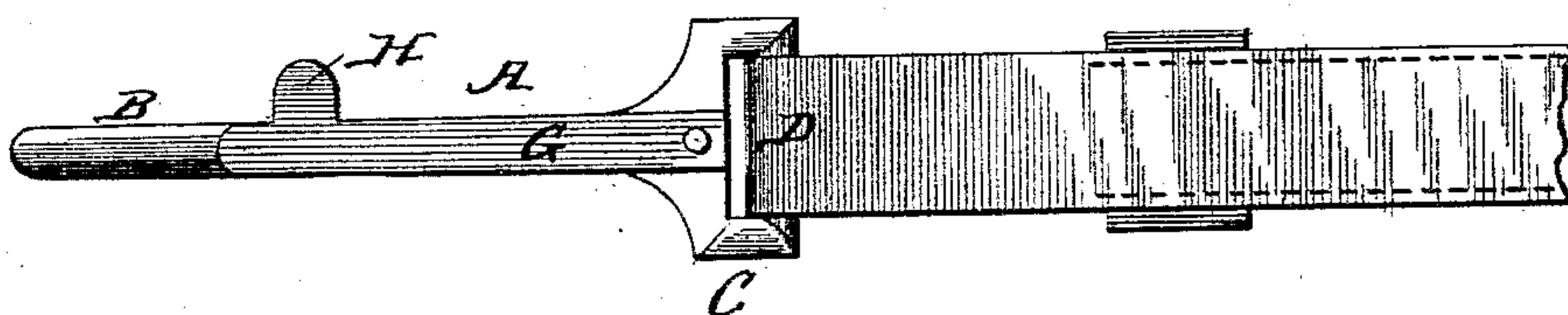
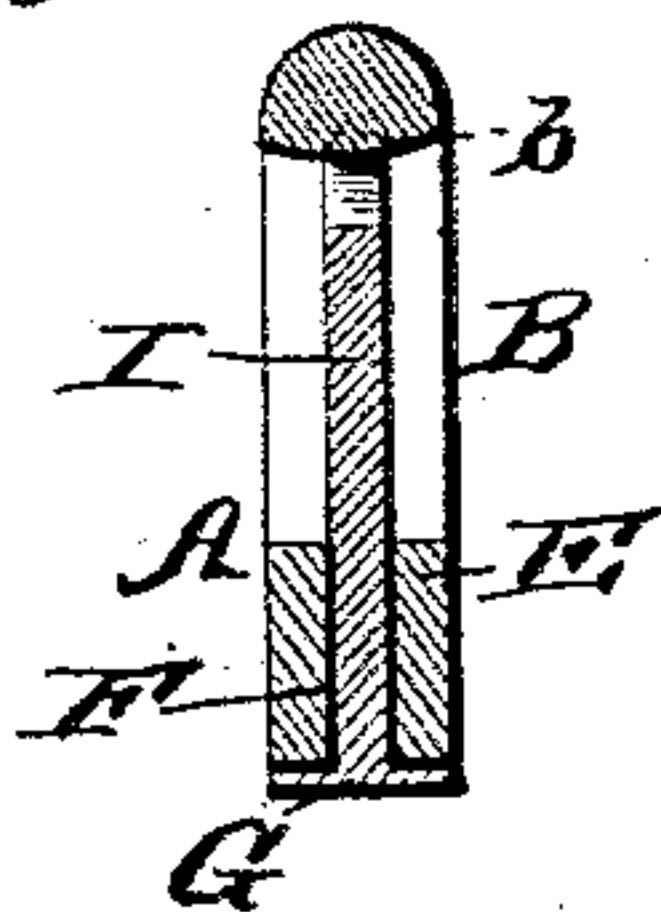


Fig. 4.



WITNESSES:

*And. S. Duterich*  
*Geo. C. French*

*James B. Keefe*  
INVENTOR.  
*By Louis Bagger & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JAMES B. KEEFE, OF DELAWARE, OHIO.

## SNAP-HOOK

SPECIFICATION forming part of Letters Patent No. 315,796, dated April 14, 1885.

Application filed February 18, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. KEEFE, a citizen of the United States, and a resident of Delaware, in the county of Delaware and State of Ohio, have invented certain new and useful Improvements in Snap-Hooks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved snap-hook. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a view of the under side of the hook, and Fig. 4 is a sectional view on line *x x* in Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to snap-hooks for use on bridles and harness generally, or for other purposes where this kind of hooks may be advantageously employed; and it consists in the detailed construction and combination of parts of the improved snap-hook, which will be hereinafter more fully described and claimed.

In the accompanying drawings, A denotes the shank of the hook, B the hook proper, and C the loop or eye for the attachment of the hook to the strap shown at D. At that point where the shank connects with the hook proper is a swell or enlargement, E, which has a slot, F. Fastened to the under side of the shank near the loop C is a flat spring, G, of steel or other suitable material, which has a projection or finger-piece, H, on one side, and a curved finger, I, on top, which projects

up through the slot F, and bears with its upper end against the inner side of the hook B, which, if desired, may be recessed to receive the finger I, as shown in Fig. 4 at *b*. The finger I is curved or bent inwardly toward the end of the hook, thus forming a circular eye, J.

In order to use the snap, the ring shown at K is simply slipped over the point of the hook, and then pressed against the outside of the curved finger I, which forces the finger down through the slot F, so as to permit the ring to pass into the eye J, as shown in the drawings, when the finger will spring back again into its normal or closed position.

In order to release the ring from the hook, all that is necessary is to depress spring G by pressing upon its finger-piece H, as indicated by dotted lines in Fig. 2, when the ring may readily be slipped out of the hook.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the hook A B, having the slotted swell or enlargement E, and spring G, attached to the under side of the hook, and provided with the curved finger I, projecting through slot F, and having the laterally-projecting finger-piece H, the finger and finger-piece being integral portions of the spring, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JAMES B. KEEFE.

Witnesses:

DANIEL F. KNIGHT,  
WERTER B. ALBRIGHT.