

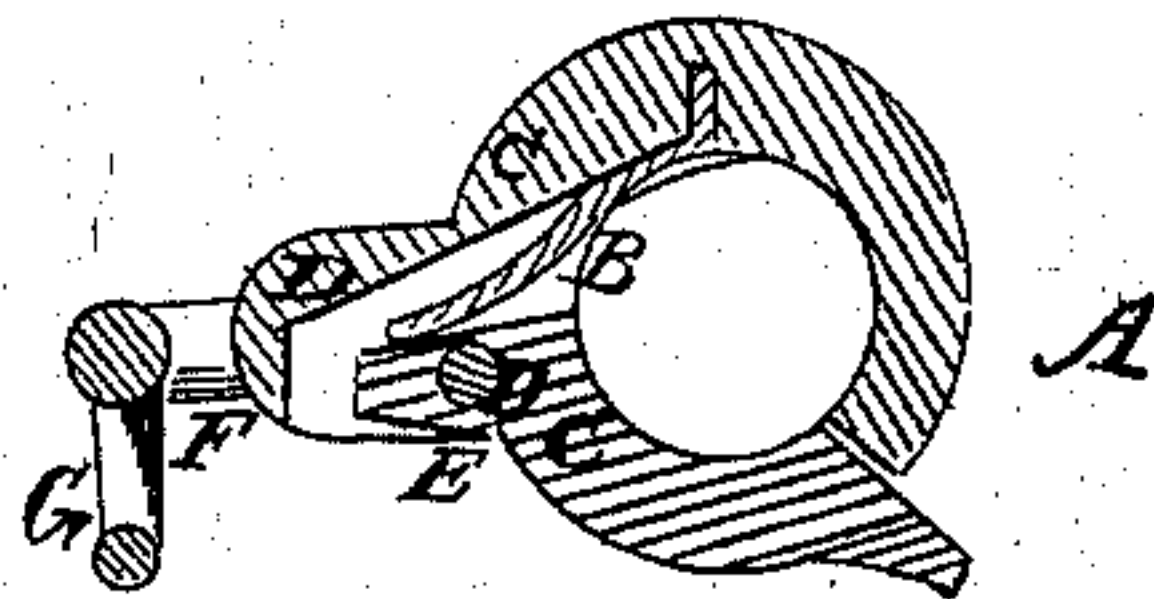
# *J. M<sup>c</sup>Kibben's Snap-Hook*

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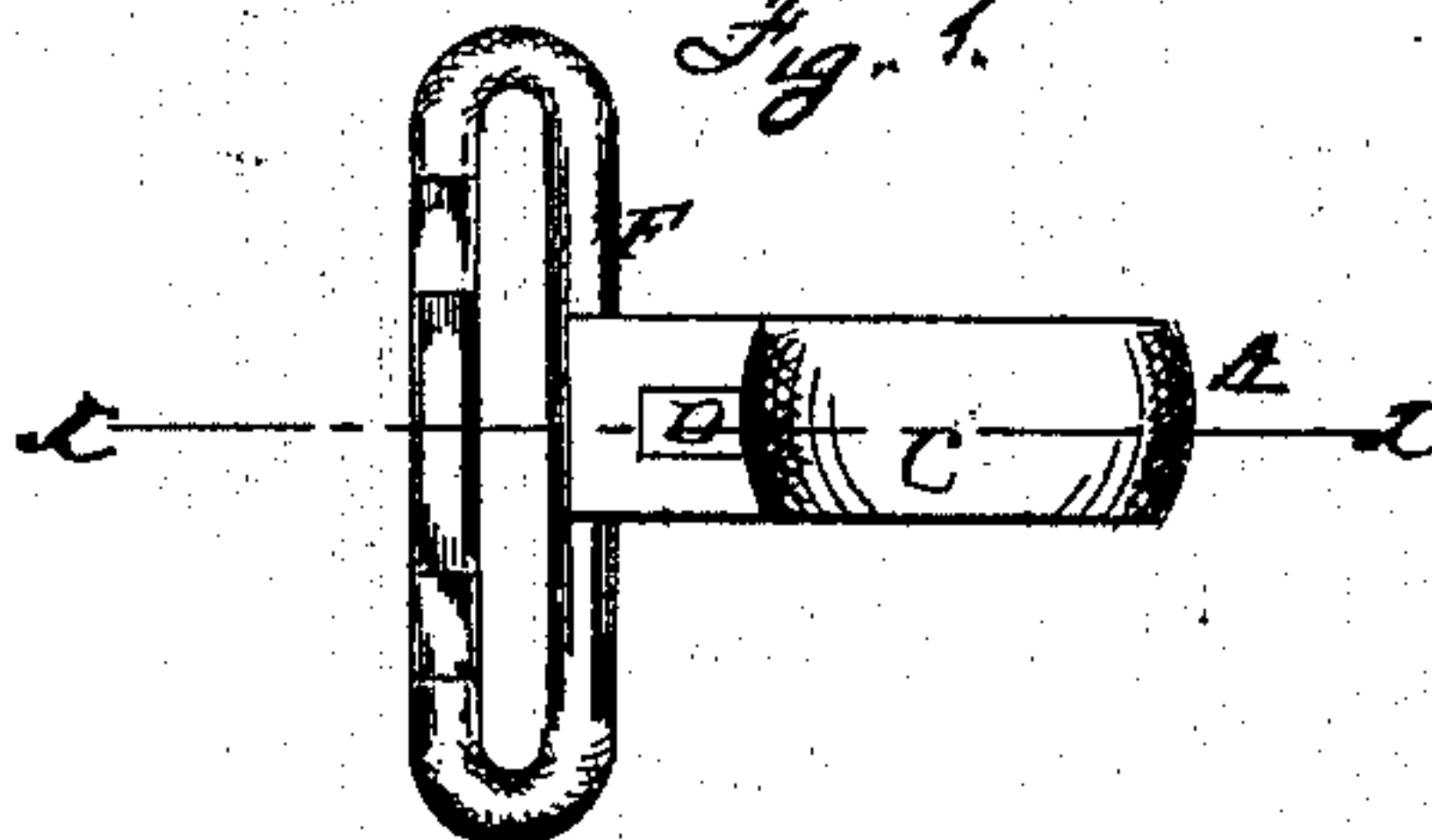
PATENTED

FEB 4 1868

*Fig. 2.*



*Fig. 1.*



*Witnesses*  
*Thos. Froche*  
*Wm. Fourn*

*Inventor*  
*J. M<sup>c</sup>Kibben*  
*Per* *Wm. Fourn*  
*Attorney*

# United States Patent Office.

JOHN McKIBBEN, OF LIMA, OHIO.

*Letters Patent No. 74,111, dated February 4, 1868.*

## IMPROVED SNAP-HOOK.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN McKIBBEN, of Lima, in the county of Allen, and State of Ohio, have invented a new and improved "Spring Snap-Hook;" and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to an improved spring snap-hook, the advantages of which are, first, that while it secures all the advantages of other rein and spring-snaps now in use, it is greatly reduced in size; second, by the position of the spring it acts as a guard-snap, and as the spring is almost concealed within the hook, it is protected by the jaws that hold the lip on which it acts; third, it is very compact, thus securing greater strength, as there is less purchase bearing upon it from its curtailed length of body and spring, also rendering it lighter, neater, and better, and more convenient in many cases. In the accompanying plate of drawings my improved snap-hook is illustrated.

Figure 1 is an edge view of the hook, and

Figure 2 a section in plane of the line *x x*, fig. 1.

Similar letters of reference indicate like parts.

A, in the drawings, represents the hook; B, the spring, reversed in position and riveted within the hook, passing back within the jaws C to the hook, and underneath the lip D, upon the end of which it acts; E, a rivet through the jaws, for holding the lip D to and in its place over the hook and spring; F, the loop for the rein or other strap; G, another loop, attached to the back part of the loop F, for holding the swivel or gag-runner when the snap-hook is used in the combined bridle and halter invented and patented by me on the fifth day of March, A. D. 1867.

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

1. The snap-hook, constructed as described, having the spring B reversed in position, with its outer end riveted within the bow of the hook A, and its free end passing back within the jaws C, underneath the lip D of the pivoted jaws C, as herein set forth for the purpose specified.

2. In combination with the above, I claim the rein-loop F, having formed upon it, at right angles, the loop G, for the gag-runner, substantially as herein shown and described.

JOHN McKIBBEN.

Witnesses:

WILLIAM K. McKIBBEN,

E. S. BURNETT.