

W. Cooper, Jr., & W. D. Rumsey,

Snap Hook,

No 79,638

Patented July 7, 1868.

Fig. 1.

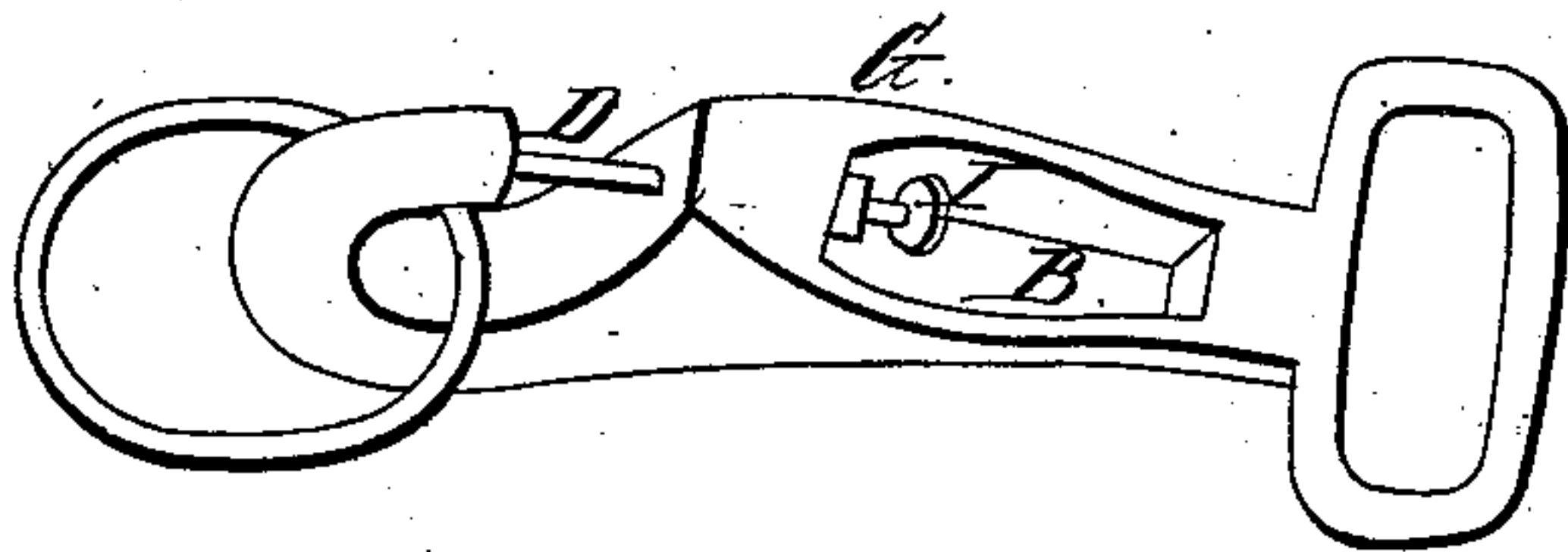
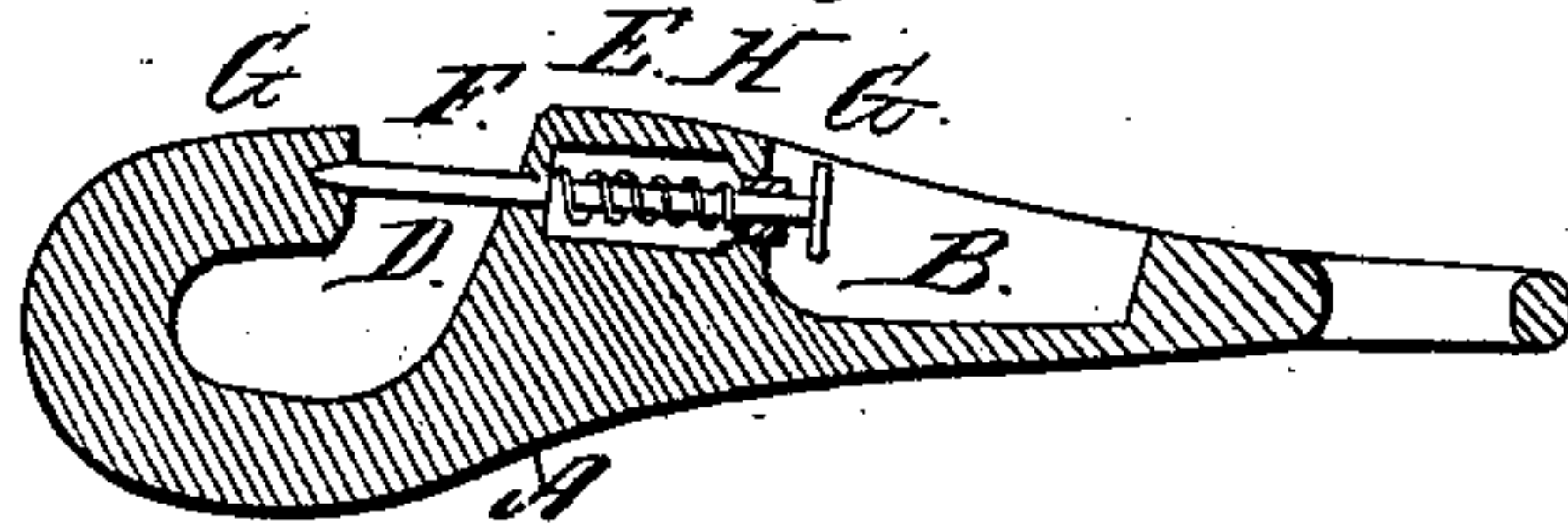


Fig. 2.



Witnesses:

J. H. Pugh  
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Inventors:

William Cooper Jr.  
W. D. Rumsey

# United States Patent Office.

WILLIAM COOPER, JR., AND WILLIAM D. RUMSEY, OF HOWELL, MICHIGAN.

*Letters Patent No. 79,638, dated July 7, 1868.*

## IMPROVED SNAP-HOOK.

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

### TO WHOM IT MAY CONCERN:

Known all men that we, WILLIAM COOPER, Jr., and WILLIAM D. RUMSEY, of Howell, in the county of Livingston, and State of Michigan, have invented certain new and useful Improvements in Snap-Hooks; and declare the following to be a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 is a longitudinal sectional view.

A is the body of a snap-hook, of nearly the ordinary shape, which is constructed with a recess, B, and provided at its point with a socket, C, to receive the end of the bolt D.

A longitudinal hole, E, is formed in the shank of the hook, in line with the socket at its point, of sufficient diameter to allow the bolt D to operate freely therein.

A shoulder, F, is formed on the bolt D, and an internally-flanged thimble, G, containing a spiral spring, H, embracing the smaller diameter of the bolt D, is driven into the longitudinal hole E, which is chamfered sufficiently to receive it to the proper distance.

I is a proper head to the bolt D.

Having thus described our invention, and named its various parts, we will now proceed to describe the method of operating the same.

The operator seizing the snap, with his thumb on the bolt-head I, withdraws the bolt D, and inserting the ring or link into the hook, releases the bolt, which is forced forward into the socket C, on the point of the hook, by the action of the spring H, thus retaining it in the hook until released by the withdrawal of the bolt, which must be voluntary.

What we claim as our invention, and desire to secure by Letters Patent, is—

The snap-hook A, when provided with the opening B and pin D, having a shoulder, F, a spring, E, a thimble, G, and a head, I, all constructed and arranged to operate substantially as described.

WILLIAM COOPER, JR.,  
WM. D. RUMSEY.

Witnesses:

H. F. EBERTS,

J. W. HOUGHTLIN.