

J. C. Covert
Snap Hook
No. 74897 *Patented Feb. 25. 1868*

Fig. 1.

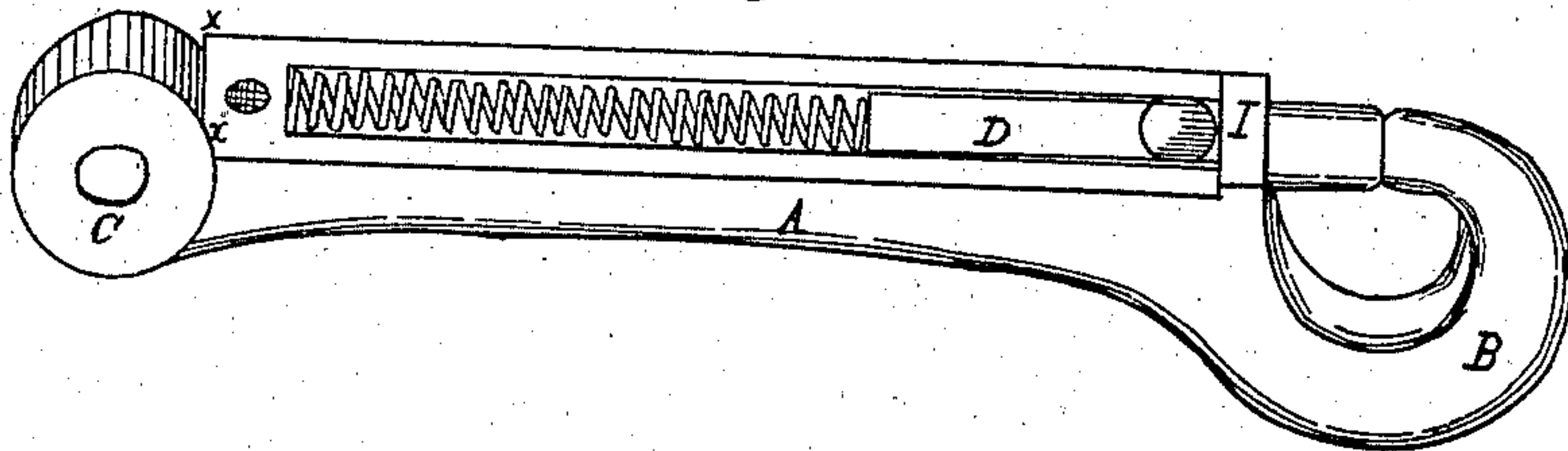


Fig. 2.

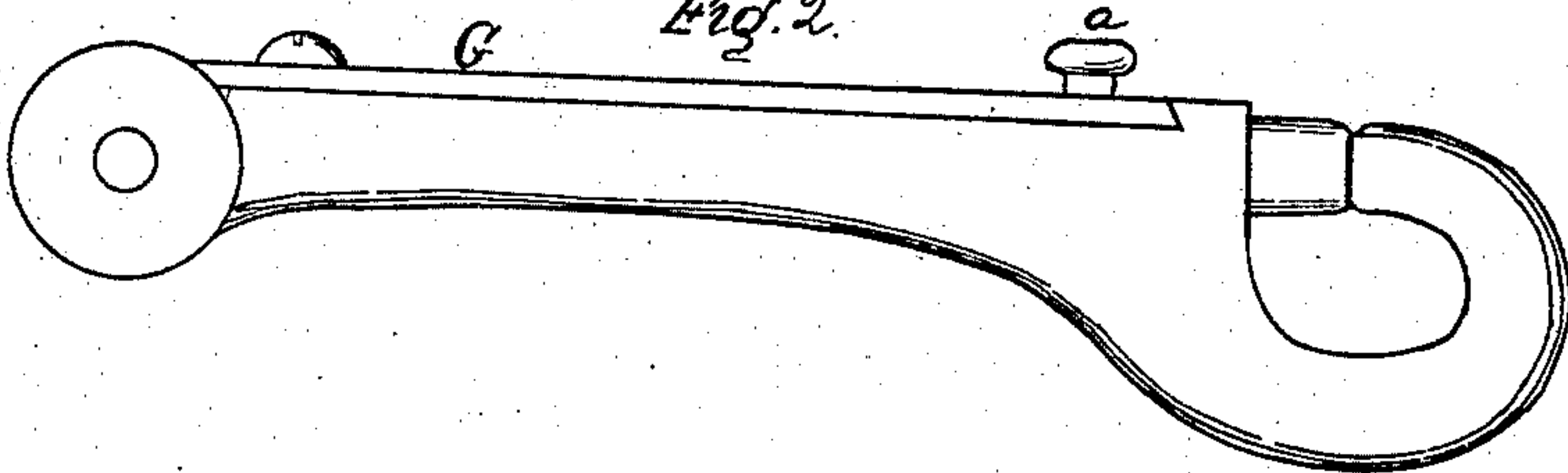
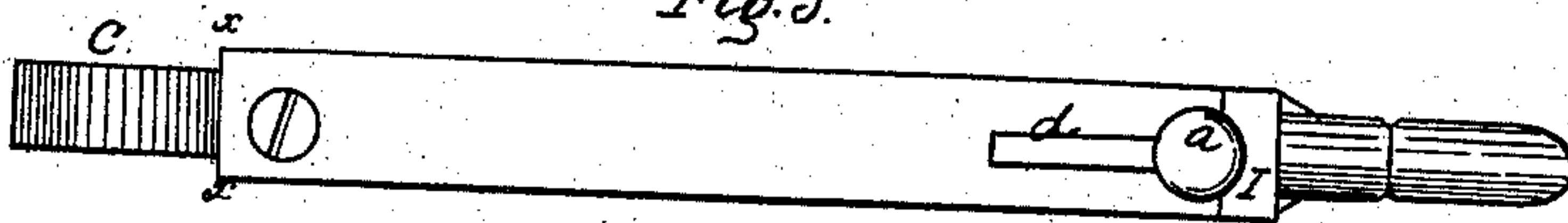


Fig. 3.



Witnesses

A. M. Heatman
V. D. Stockbridge

Inventor

J. C. Covert.
per
Alexander D. Mason

United States Patent Office.

J. C. COVERT, OF NEWARK, NEW JERSEY

Letters Patent No. 74,897, dated February 25, 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, J. C. COVERT, of Newark, in the county of Essex, and in the State of New Jersey, have invented new and useful Improvements in Snap-Hooks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings making part of this specification, A represents the shank of a snap-hook, which is cast with a square groove in it from near one end to that point near the other end where the hook B commences; I, represents a bridge cast across this groove; D represents a sliding bolt, which is cast a portion of its length to fit snugly within the groove in the shank; and e represents a coiled wire spring, which is placed in the groove behind the bolt D, pressing at one end against said bolt, and at the other against the metal of the shank at the rear end of the groove. The bolt D is provided with a pin, a, by means of which it is forced back, at the same time compressing the spring. Fitted upon the shank A, and over the groove in it, is a plate, G. The forward end of this plate is bevelled and fitted in a V-shaped groove at one side of the bridge I, while the rear end of said plate is secured to the shank by a screw. This plate effectually closes up the groove in the shank, except at that end through which the bolt protrudes, and securely protects the spring and bolt within the groove from dirt or dust or ice, &c., and also from injury by mashing or striking, thus enabling them at all times and under all circumstances to work freely and easily. The pin a works through a groove, d, in the plate. The forward end of the bolt is pressed by the spring e firmly against the end of the hook B, both the bolt and hook being made square on their ends, so that they will fit snugly together. The end of the shank opposite the hook is made rounding, as seen, and with a shoulder at x x, and is provided with a suitable hole; through which a pin may pass, for pivoting it between the jaws of the "hold-back," with which it is intended to be used.

I use two of these snap-hooks, one at each end of the "hold-back," for hooking into the hame at each side.

This snap-hook is not made with a loop as others are, to be strapped to the article with which they are to be used, and then, by casting it in the manner described, and providing it with a plate to cover up the bolt and spring, I make a snap-hook which will work freely in all kinds of weather, and without danger of having its parts broken or disarranged.

By casting the bolt D in the manner shown, it can be dropped into its groove in the shank, in front of the simple spring e, without any finishing, and thus simplifies and makes the cost of the hook much less than it would be were a pin formed on it to run through the spring.

By the use of the plate, the spring is kept in place without a pin running through it.

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

As an article of manufacture, providing the shank of the snap-hook with a groove, into which is dropped the sliding-bolt D and loose spring e, said groove being covered by means of the plate G, and the bridge I, which conceal, keep in place, and protect the spring and bolt, one end of the shank being so formed that it can be pivoted to a hold-back, the several parts being constructed and arranged as and for the purpose set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 6th day of February, 1868.

J. C. COVERT.

Witnesses:

V. D. STOCKBRIDGE,
J. M. MASON.