

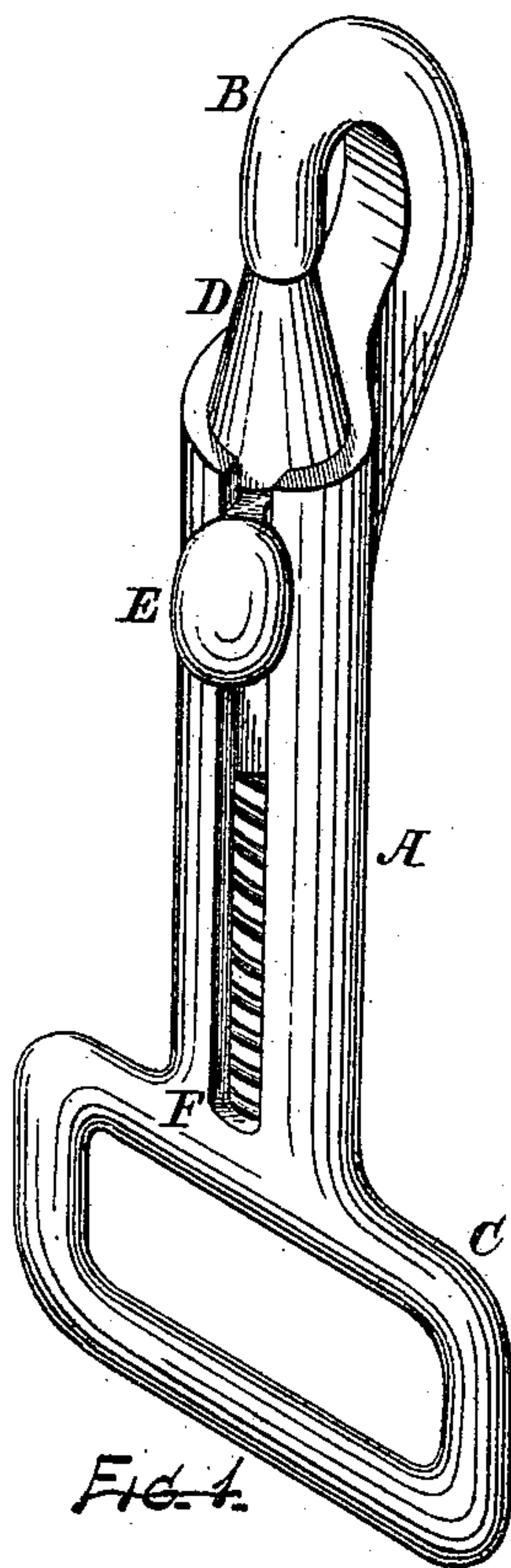
(No Model.)

J. C. COVERT.

SNAP HOOK.

No. 297,352.

Patented Apr. 22, 1884.



ATTEST.
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JAMES C. COVERT, OF WEST TROY, NEW YORK.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 297,352, dated April 22, 1884.

Application filed January 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. COVERT, a citizen of the United States, residing at West Troy, in the county of Albany and State of New York, have invented certain new and useful Improvements in Snap-Hooks, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to snap-hooks having longitudinally-sliding spring-bolt; and it consists in extending the slot, through which the thumb piece or knob for withdrawing said bolt is operated, the entire length of spring and bolt-chamber, my object being to strengthen the neck of knob, to diminish the width of slot, to insure the escape of foreign substances from said chamber, and to facilitate the operations of molding and casting, all as herein-
20 after more fully described.

In the drawing, the figure is a perspective view of my improved device, showing, prominently, the slotted extension referred to, constituting the main feature of this invention, as aforesaid.

25 A represents the tubular body or barrel; B, the hook; C, the loop; D, the spring-bolt, and E the thumb-piece or knob I have previously used in snap-hooks. By F is represented the slot extending from forward end longitudinally toward the rear of said barrel the entire length or depth of the chamber or cavity formed therein for the reception of said bolt, and the spring employed to retain the same in contact with hook, said barrel having a solid or closed rear end formed in one piece therewith, and serving as an abutment for said spring.

30 In snap-hooks as formerly constructed by me the slot only extended through a portion of chamber, and owing to the limited space therein the length of neck or shank connecting knob and bolt was restricted, so that, in order to insure sufficient strength in said neck to

prevent knob from being knocked or broken off by rough usage, it was necessary to widen the same, and consequently to widen the slot objectionably. It follows, therefore, by extending the slot as above described, that the neck may be considerably lengthened to obtain the strength required, and the width reduced, thus admitting the use of a much narrower slot; also, when slot extends to bottom of cavity, a more perfect outlet is provided for any foreign substance that may gain access thereto. On account of the barrel not being entirely closed when completed, I am enabled to make the casting either with or without a core, and when a core is used the formation of same by reason of the longitudinal extension the entire length of said core of that portion or print whereby said slot is molded allows the gases to escape more readily, thus preventing the casting from blowing; also, by reason of the increased length of slot, allowing more clearance, less liability is incurred of the bolt being clogged by the accumulation of icy or other foreign substances between the knob and rear end of said slot.

What I claim as new, and desire to secure by Letters Patent, is—

70 An improved snap-hook having an end hook and an end loop, and an integral body cast therewith, said body being chambered longitudinally, and having an open uniform slot extending from the forward end of same where base of hook is situated to the loop at rear end, and being provided with a spring and sliding bolt, all substantially as shown and described, for the objects herein set forth.

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

JAMES C. COVERT.

Witnesses:

H. LISLE FLEMING,
L. R. BECKLEY.