

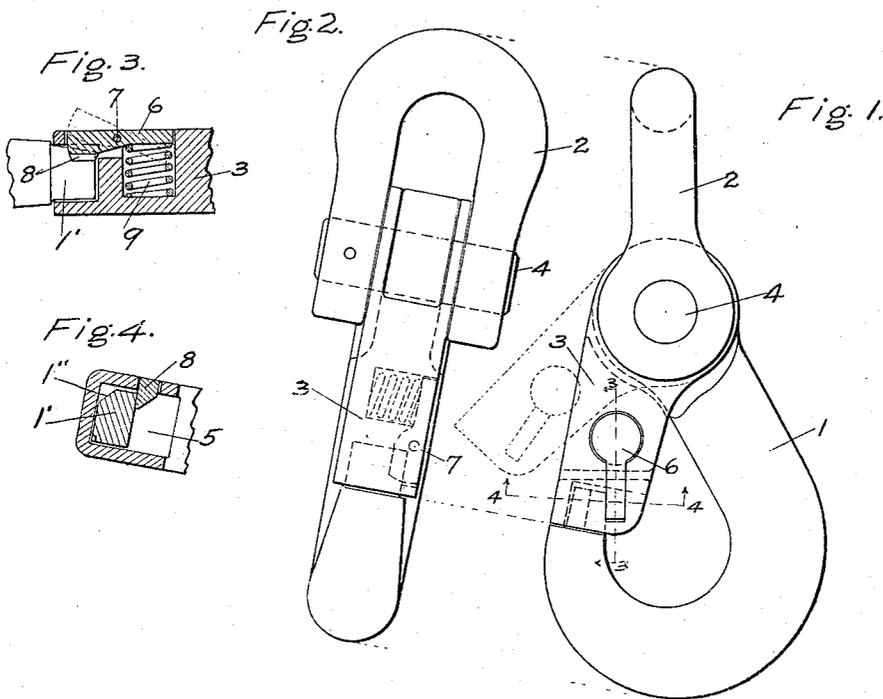
D. CAVANAUGH.

HOOK.

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1,214,755.



Witnesses:

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UNITED STATES PATENT OFFICE.

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HOOK.

1,214,755.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, DENNIE CAVANAUGH, a citizen of the United States, residing in the city of Portland, county of Multnomah, and State of Oregon, have invented certain new and useful Improvements in Hooks, of which the following is a specification.

My invention relates to hooks, and more particularly to safety hooks, such as butt hooks and choke hooks, and the like.

Among the salient objects of the invention are,—to provide a hook of the character referred to with a new and improved latch or locking device, whereby it is impossible for the hook to become accidentally unhooked from a link, chain, or other thing to which it is attached; to provide in such a hook a latch or locking mechanism which is simple and effective and which can be most quickly and conveniently manipulated in hooking or unhooking the hook; and to provide a hook of the character referred to having no projections or parts likely to catch the brush and under-growth as it is pulled over the ground in the woods or elsewhere.

In order that others may understand my invention, I have shown two slightly different modifications thereof on the accompanying sheet of drawings which I will now describe.

Figure 1 is a side view of one form of the invention; Fig. 2 is an edge view thereof; Fig. 3 is a sectional view taken on line 3—3 of Fig. 1; and Fig. 4 is a sectional view on line 4—4 of Fig. 1.

Referring first to Figs. 1 and 2, the body of the hook I have designated as 1, the clevis or attaching loop thereof, as 2, and a latch or locking device, as 3, the latter being shown in closed position in full lines, Fig. 1, and in opened position in dotted lines. The clevis or attaching loop 2 is hingedly attached to the body of the hook, as by means of a pin, or member, 4, extending transversely through the eye of the hook, substantially as indicated. The latch or locking device comprises a short arm or member mounted at one end upon the pin 4, with its opposite end adapted to be moved into and out of engagement with the end of the hook, said latch or locking device having a receiving pocket or socket, as at 5, adapted to fit over the end 1' of the hook 1, when closed. Mounted in the side of the latch member 3, is a holding member or lever 6, pivotally

mounted as at 7, with its outer surface preferably flush with the outer surface of the latch 3. On its inner side, at one end, said lever 6 is provided with a holding lug, as 8, adapted to engage with the end of the hook, Fig. 3, to prevent said latch or locking member from being opened. Mounted under the opposite end of said lever, within the latch body, is a spring 9, for normally holding said lever 6 in its holding position. Thus, before the latch 3 can be moved away from the hook end, the lever or member 6 must be pressed with the thumb or finger, as said latch is grasped by the hand, whereupon said latch member can be moved away from engagement with the hook end. The end of the hook may be slightly beveled at one side, as at 1'', whereby to permit the latch member 3 to be pressed into closed position without pressing the lever 6, as will be understood. The lug 8 is also shown as slightly beveled to facilitate this automatic adjustment of the parts as the latch is pressed into the closed position. Thus it will be seen that it is only necessary, in order to open the hook, to clasp the latch 3, between the thumb and fingers, and so as to press inwardly upon the flat rounded end of said lever 6, and then move the holding latch away from the hook end, as will be readily understood, whereupon the hook can be hooked into a chain, on to a cable, or other thing, as desired.

It will be evident from the illustrations of the invention here shown, that the hook cannot be accidentally disengaged from its chain or cable. It is also evident that there are no projecting parts to catch on the brush or other things, when the hook is used in the woods.

I am aware that slight changes can be made in the invention as here illustrated without departing from the spirit thereof, and I do not, therefore, limit the invention to the particular forms here shown, except as I may be limited by the hereto appended claim.

I claim:

A hook of the character shown and described and comprising a hook having an eyelet at one end and a reduced end portion at its hooked end, a latch member pivotally connected at one end by means of a pin through said eyelet, and at its other end adapted to fit over the reduced end of said

hook, whereby to inclose the same, said latch member swinging in the plane of said hook, and a pivoted dog set in a side of the latch member parallel to one side of the hook, whereby as said latch member is gripped 5 between the thumb and finger by its opposite sides, said dog may be depressed, said dog being adapted to engage the reduced end of the hook when said latch is closed, whereby to prevent the opening of said latch, substantially as shown and described. 10

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."