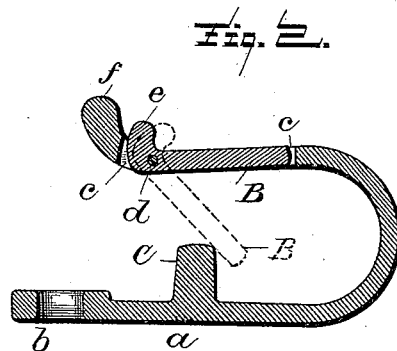
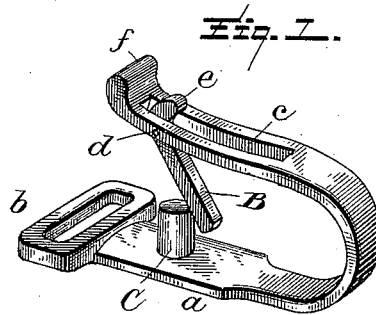


(No Model.)

O. M. POND.
HOOK.

No. 419,353.

Patented Jan. 14, 1890.



Witnesses

L. C. Hills.

E. A. Bond.

Orlando M. Pond, Inventor
By *his* Attorneys
Chas. H. Fowler,

UNITED STATES PATENT OFFICE.

ORLANDO M. POND, OF INDEPENDENCE, IOWA.

HOOK.

SPECIFICATION forming part of Letters Patent No. 419,353, dated January 14, 1890.

Application filed October 22, 1889. Serial No. 327,839. (No model.)

To all whom it may concern:

Be it known that I, ORLANDO M. POND, a citizen of the United States, residing at Independence, in the county of Buchanan and State of Iowa, have invented certain new and useful Improvements in Snap-Hooks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in snap-hooks; and it has for its object, among others, to provide an improved device of this character composed of few parts, and wherein is provided a gravity guard or latch to prevent accidental displacement of the check or other strap or iron held thereby.

The novelty resides in the peculiarities of construction, and in the combinations, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view of my improved hook. Fig. 2 is a vertical longitudinal section through the same.

Referring now to the details of the drawings by letter, A designates the body of the hook, which consists of the plate *a*, formed at one end with a cross-loop *b* and the other end bent upon itself to form a hook, as shown. The upper portion of the hook is provided with an elongated slot *c*, in which is pivoted on the transverse pin *d* the latch or guard B, the upper end of which is preferably formed with a head or enlargement *e*, which serves to aid in the manipulation of the latch or guard. This latch or guard is so arranged

within the slot that when it is forced into its horizontal position the under side or face thereof, will be flush with the under face of the upper portion of the hook, so as to leave a perfectly unobstructed passage for the strap. This latch or guard is so pivoted near one end as to form a gravity-latch, which will automatically fall into the position in which it is shown in Fig. 1 and by dotted lines in Fig. 2 as soon as it is let go of after engaging or removing the strap. The end of the hook portion of the body is turned up, as shown at *f*, to form a sort of guard for the extended end of the latch when the latter is in its locked position to prevent accidental raising thereof. The plate *a* of the body portion is formed with an upwardly-extending lug or pin C, which serves to engage a hole in the strap to hold the same, and also as a stop for the gravity latch or guard, as shown in Figs. 1 and 2, to prevent its falling into a vertical position, in which position it is apt to bind against the said plate and thus render it more difficult to raise when it is desired to release the strap or check.

The gravity latch or guard avoids the necessity of the employment of a spring to force the latch to its normal position.

What I claim as new is—

A hook provided with an elongated slot and an upwardly-extending lug C centrally beneath said slot, combined with a gravity-latch pivoted in the slot and arranged to have its under side flush with the under face of the walls of the slot when thrown upward to open the hook, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ORLANDO M. POND.

Witnesses:

J. E. McDONALD,
H. W. HOVEY.