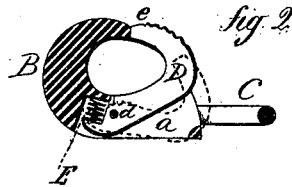
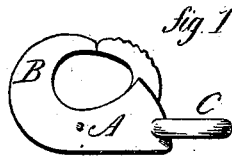


G. M. HUBBARD.

SNAP-HOOK.

No. 183,460.

Patented Oct. 17, 1876.



Witnessed

J. H. Murray

Clara Crompton

Geo. M. Hubbard

Inventor

By Atty.

J. M. Emery

UNITED STATES PATENT OFFICE.

GEORGE M. HUBBARD, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO O. B. NORTH & CO., OF SAME PLACE.

IMPROVEMENT IN SNAP-HOOKS.

Specification forming part of Letters Patent No. **183,460**, dated October 17, 1876; application filed September 15, 1876.

To all whom it may concern:

Be it known that I, GEORGE M. HUBBARD, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Snap-Hooks; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1 a side view, and in Fig. 2 a longitudinal section.

This invention relates to an improvement in what are commonly termed "snap-hooks"—that is to say, a hook provided with a latch mechanism, which will hold the hook in engagement with whatever it may be hooked upon to prevent its accidental removal.

It consists in a body, one end terminating in a hook, the other in a loop or means for attaching the hook to a strap, or whatever it may be, the said body constructed with a recess or chamber in the plane of the hook, and combined with a hook or U-shaped latch hung upon a pivot at its lower forward end, and a spring, the bearing-point of which is forward of the said pivot, as more fully hereinafter described.

A is the body of the hook, one end terminating in the usual hook B, and the other in the usual loop C. The body is constructed with a slot or chamber, *a*, in the plane of the

hook, and into this the latch D is placed. This latch is of U form, the lower forward end hung upon a pivot, *d*, the upper forward end *e* resting against the end of the hook. Forward of the pivot *d* a spring, E, (preferably a spiral spring,) is arranged to bear upon a portion of the body of the hook, and also on a seat on the latch forward of the pivot, as shown in Fig. 2.

The upper or outer surface of the latch is, preferably, serrated or roughened, as a convenient means for opening the latch. To open the latch, the thumb is placed upon this roughened surface and drawn backward to turn the hook from the loop, as seen in Fig. 2. The spring automatically closes the latch when free.

I claim—

The herein-described snap-hook, consisting of the body, terminating at one end in a hook, and at the other in means for attaching the hook, combined with a hook or U-shaped latch hung within the body upon a pivot at its lower forward end, with a spring, the bearing-point of which is forward of the said pivot, and the upper end of the said latch closing against the end of the hook, all substantially as set forth.

GEORGE M. HUBBARD.

Witnesses:

LUCIUS H. PRINDLE,
I. D. WEED.