

No. 857,403.

PATENTED JUNE 18, 1907.

G. M. HUBBARD.
SNAP HOOK.

APPLICATION FILED NOV. 12, 1906.

Fig. 1

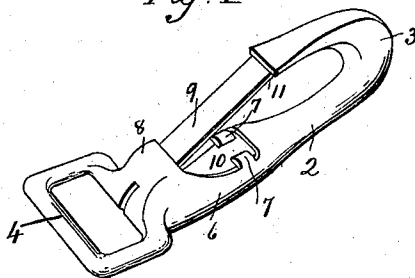


Fig. 2

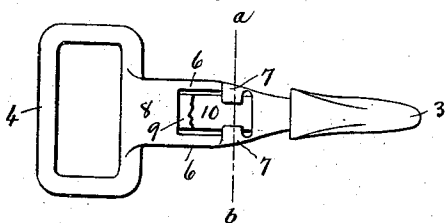


Fig. 3

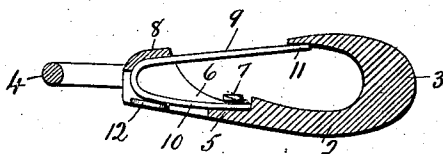


Fig. 4



Witnesses.
J. N. Shumway
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UNITED STATES PATENT OFFICE.

GEORGE M. HUBBARD, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE
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SNAP-HOOK.

No. 857,403.

Specification of Letters Patent.

Patented June 18, 1907.

Application filed November 12, 1906. Serial No. 343,021.

To all whom it may concern:

Be it known that I, GEORGE M. HUBBARD, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful 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 perspective view of a snap hook. constructed in accordance with my invention Fig. 2 a top view of the same with the spring tongue broken away. Fig. 3 a broken longitudinal sectional view. Fig. 4 a sectional view on line *a—b* of Fig. 2 looking toward the rear.

This invention relates to an improvement in snap hooks and particularly to that class in which the spring tongue is formed from a strip of spring metal bent into U-shape one end resting on the body and the other extending beneath the nose of the hook, the object of the invention being a construction which prevents the possible displacement of the spring; and it consists in the construction hereinafter described and particularly recited in the claims.

The body 2 of the snap hook with the nose 3 and loop 4 are substantially of usual construction, the body being formed with an opening through it and recessed at the forward end of the opening to form a spring seat 5. At the upper edge of each of the side walls 6 at each side of said seat I form lugs 7 which are adapted to be turned down over the said seat. The rear of the body is partially closed by an integral upper wall 8 in the usual manner. The U-shaped spring tongue 9 is formed from a strip of metal bent into U-shape one end 10 resting on the seat 5, while the opposite end 11 extends beneath the nose 3 of the hook, the doubled portion being retained beneath the upper wall 8 and lips 12

formed in the lower edge of the body. After the spring is in place, the lugs 7 are turned down over it so that the pressure upon the underside of the short leg of the spring cannot force it out of its seat. The lugs 7 not only serve to hold the spring tongue in place, but by providing additional metal in the side walls a more perfect casting can be had as the mold will draw better and it is not necessary to make the seat for the spring as deep as would otherwise be required. At the same time the lugs do not interfere with the assembling of the parts.

I claim:—

1. A snap hook comprising a body formed with a nose at one end and with an opening through said body, said body also formed with a recessed seat at the forward end of said opening, lugs formed integral with the upper edge of said body and at each side of said seat, and a U-shaped spring located in said body one end resting in said recess and beneath said lugs, the other end of the spring extending beneath the nose of the hook, substantially as described.

2. A snap hook comprising a body formed with a nose at one end, a loop at the opposite end and with an opening through said body forming side and upper walls, said body also formed with a recessed seat at the forward end of said opening, lips formed at the lower edge of said opening beneath said upper wall, lugs formed integral with the upper edge of said opening at each side of said seat, and a U-shaped spring arranged within said opening one end bearing on said seat beneath said lugs, and the spring extending rearward over said lips beneath said upper wall and forward beneath the nose of the hook, substantially as described.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

GEORGE M. HUBBARD.

Witnesses:

FREDERIC C. EARLE,
CLARA L. WEED.