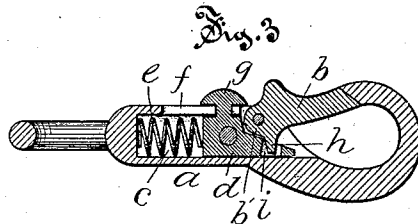
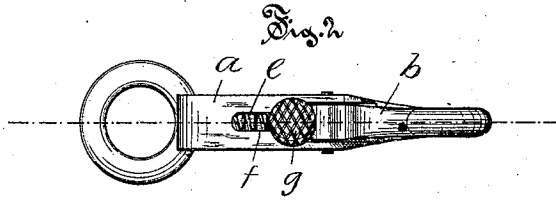
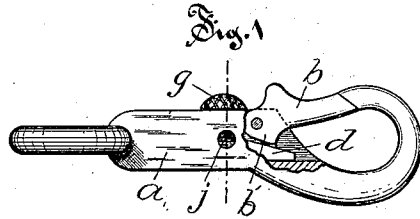


(No Model.)

G. A WASHBURN.
SNAP HOOK.

No. 308,219.

Patented Nov. 18, 1884.



Witnesses
W. M. Parkman.
Ed. J. Simons.

Inventor.
G. Arthur Washburn,
By *Simonds & Burdett,*
Attys.

UNITED STATES PATENT OFFICE.

G. ARTHUR WASHBURN, OF PLAINVILLE, CONNECTICUT, ASSIGNOR OF
ONE-HALF TO ORRIN A. BASSETT, OF SAME PLACE.

SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 308,219, dated November 18, 1884.

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

To all whom it may concern:

Be it known that I, G. ARTHUR WASHBURN, of Plainville, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Snap-Hooks, of which the following is a description, reference being had to the accompanying drawings, where--

Figure 1 is a side view of the complete device. Fig. 2 is a top view of the same. Fig. 3 is a view of the same in central vertical longitudinal section. Fig. 4 is a cross-section of the same through the laterally-moving locking-pin. Fig. 5 is a view of a screw-driver made use of.

The letter *a* denotes the body of the hook. *b* denotes the tongue pivoted in the hook-body. There is a recess, *c*, in the hook-body rearward of the tongue, which holds the sliding block *d* and the spring *e*. The recess *c* is closed on top by the hook-body, with the exception of a slot or mortise, *f*, for the travel of the thumb-piece, which is fast to the sliding block *d*. The sliding block *d* has a wedge-shaped face co-operating with the projection *b'*, which is a part of the tongue *b*. When the tongue is closed and this sliding block is pressed forward by the spring *e*, any effort to depress and open the tongue simply by pressure applied to the tongue will simply force the projection *b'* against the wedge-shaped face of the sliding block, preventing the tongue from being opened or depressed. Other sliding blocks have been used for locking a pivoted tongue in its closed position; but the feature in this regard in which my improvement consists is the use of a wedge shape or inclined plane for this purpose, it having great practical advantages for such purpose. The sliding block is moved backward by the user's thumb applied to the thumb-piece *g*, which runs down through the slot *f*, and is fast to the sliding block. The spiral spring *e* presses the sliding block forward when permitted so to do. The sliding block further co-operates with the pivoted tongue by means of the teat *h* and mortise *i*,

so that when a person moves the sliding block backward the same movement necessarily depresses and opens the tongue. In the side of the hook-body there is an orifice, *j*, and coincident therewith, when the pivoted tongue is closed, there is a laterally-moving screw-pin, *k*, in the sliding block, which can be moved outward or inward by means of a driver. *l*. (Seen in Fig. 5.) When the pivoted tongue is closed and the user desires to lock it in that position by a lock additional to that afforded by the wedge-shaped sliding block, he applies the key *l* to the screw-pin *k* and moves it outward till it engages with the orifice *j*. Obviously the whole device is locked until the screw-driver is again applied and the screw-pin moved inward.

I claim as my improvement--

1. In combination, in a snap-hook, the pivoted tongue *b*, provided with the projection *b'*, and the wedge-faced sliding block *d*, substantially as described, and for the purpose set forth.

2. In combination, in a snap-hook, the hook-body *a*, provided with the orifice *j*, the pivoted tongue *b*, provided with the projection *b'*, the sliding block *d*, and the laterally-movable pin *k*, all substantially as described, and for the purpose set forth.

3. In combination, in a snap-hook, the pivoted tongue *b*, provided with the projection *b'* and the teat *h*, and the wedge-faced sliding block *d*, having the mortise *i*, all substantially as described, and for the purpose set forth.

4. In combination, in a snap-hook, the hook-body *a*, containing and partly covering the recess *c*, the spring *e*, the sliding wedge-faced block *d*, having the mortise *i*, thumb-piece *g*, and the pivoted tongue *b*, provided with the projection *b'* and the teat *h*, all substantially as described, and for the purpose set forth.

G. ARTHUR WASHBURN.

Witnesses:

LOUIS BELMER,
HARRY P. CHAPIN.