

W.F. Arnold,

Lock Snap-Hook,

No 78,175.

Patented May 26, 1868.

Fig. 4.

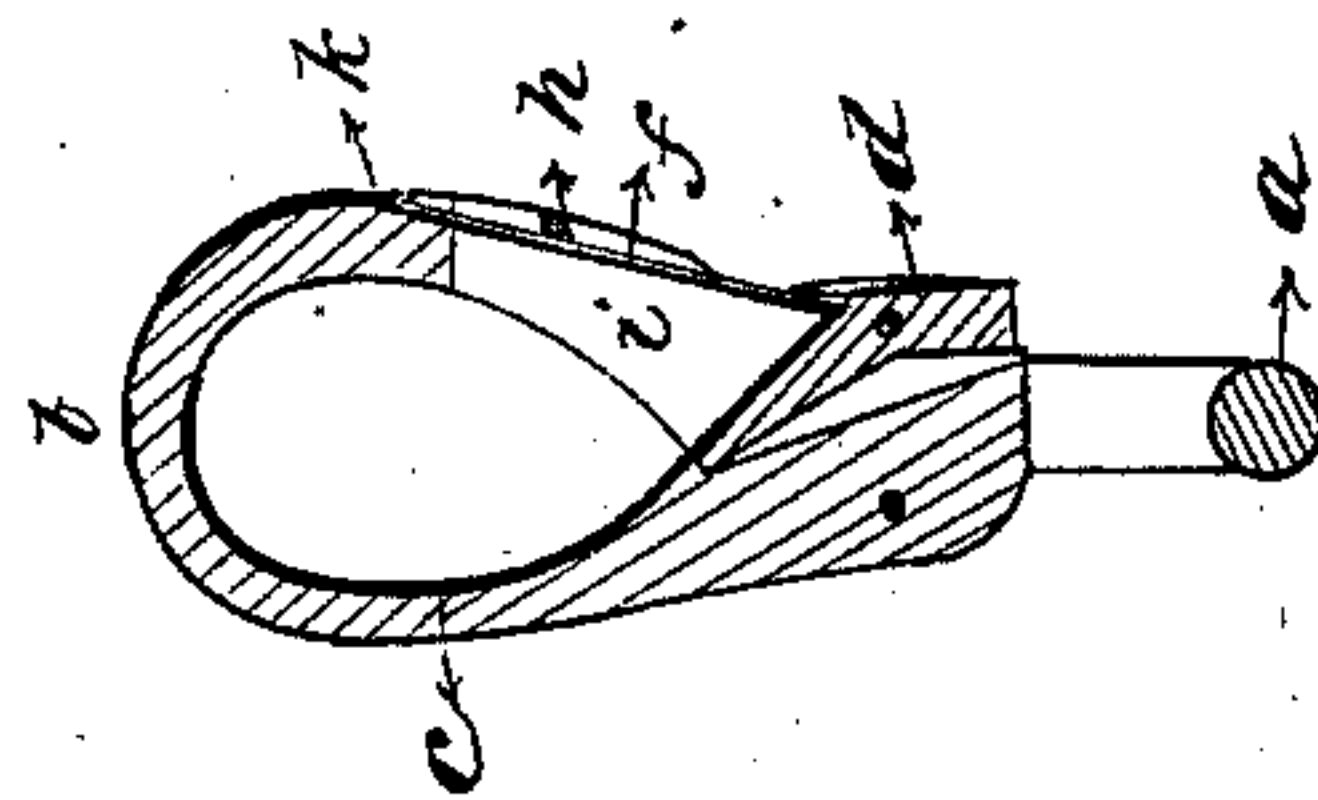


Fig. 3.

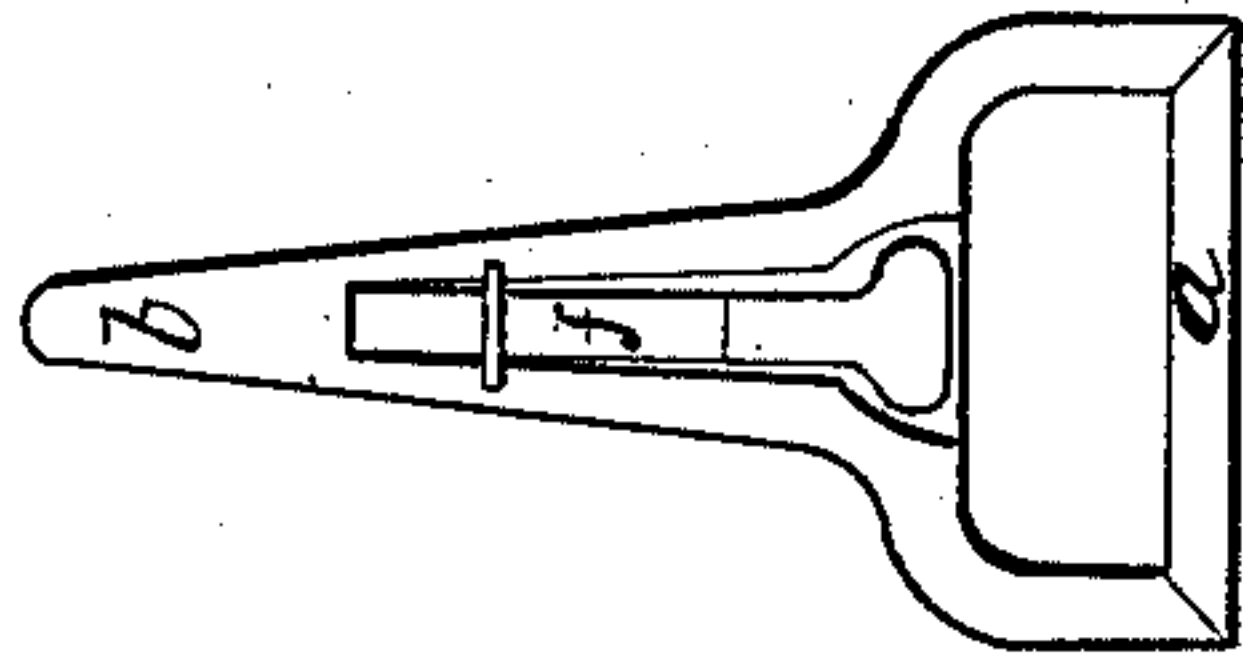


Fig. 2.

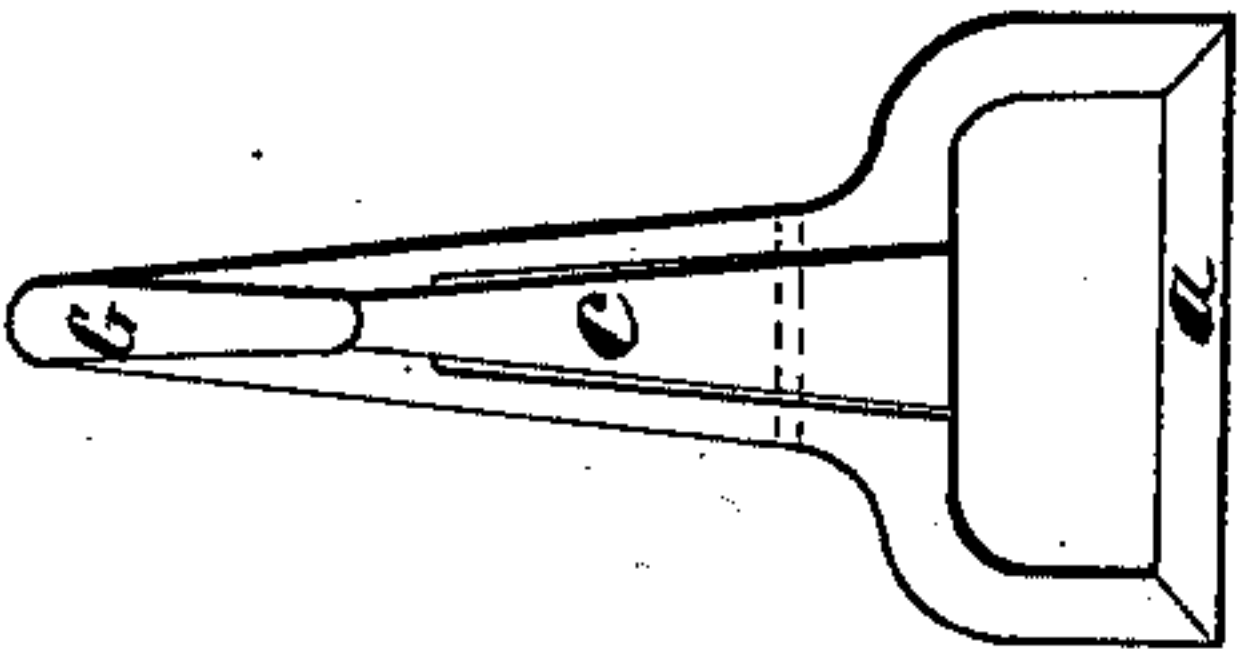
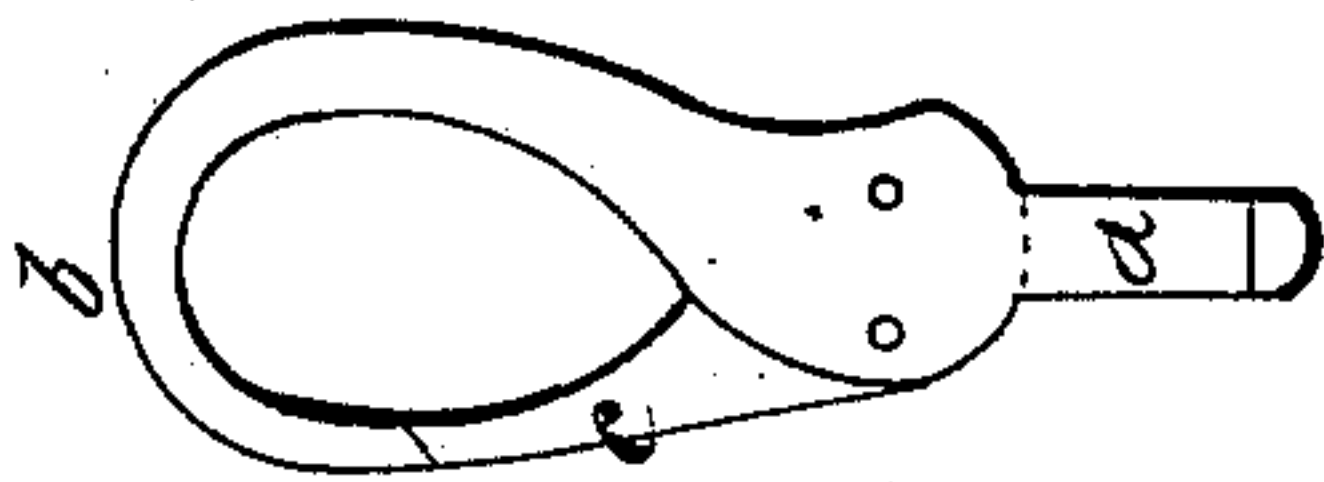


Fig. 1.



Witnesses:  
Ernst Bley  
Jenny W. Bley

Inventor:  
Wilbur F. Arnold

# United States Patent Office.

WILBER F. ARNOLD, OF NEW BRITAIN, CONNECTICUT.

*Letters Patent No. 78,175, dated May 26, 1868.*

## IMPROVED LOCK SNAP-HOOK.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILBER F. ARNOLD, of New Britain, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Lock Snap-Hook; and to enable others skilled in the art to make and use the same, I will proceed to describe by referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention will be understood from the specifications and drawings.

The object desired to be attained thereby is to lock the latch when it is hooked into a loop or ring, and thereby prevent it from becoming detached from said loop or ring, by anything striking against the latch. In the accompanying drawings—

Figure 1 is a side view of the hook.

Figure 2 is a front side view.

Figure 3 is a back side view.

Figure 4 is a sectional side view.

*a* is the strap-loop.

*b* is a hook, by which it is secured to any desired place or article.

*c* is the latch, which closes up the opening through which a loop or ring passes into the hook.

*d* is a thumb-latch, which serves both to lock the latch *c*, and to press open the latch *c*, after it (the inner end of the thumb-latch *d*) is relieved from a notch, *e*, in the inside of the latch *c*.

*f* is a spring-supporter, and held in its proper position by a bar, *h*, cast or made in the back edge of the opening *i*, formed in the body of the hook, one end of which bears against the thumb-latch, and the other in a depression, *k*, at the lower end of the opening.

Thus it will be seen that a cheap, simple, and efficient hook is produced, which can be easily detached from its mooring by pressing the thumb-latch, which unlocks the latch proper, and at the same time presses open said latch.

I believe I have thus shown the nature, construction, and advantage of this invention, so as to enable others skilled in the art to make and use the same.

What I claim, therefore, and desire to secure by Letters Patent, is—

The lock thumb-latch *d*, with the latch *c* and hook *b*, substantially as and for the purpose described.

WILBER F. ARNOLD. [L. S.]

Witnesses:

E. W. BLISS,

JEREMY W. BLISS.