

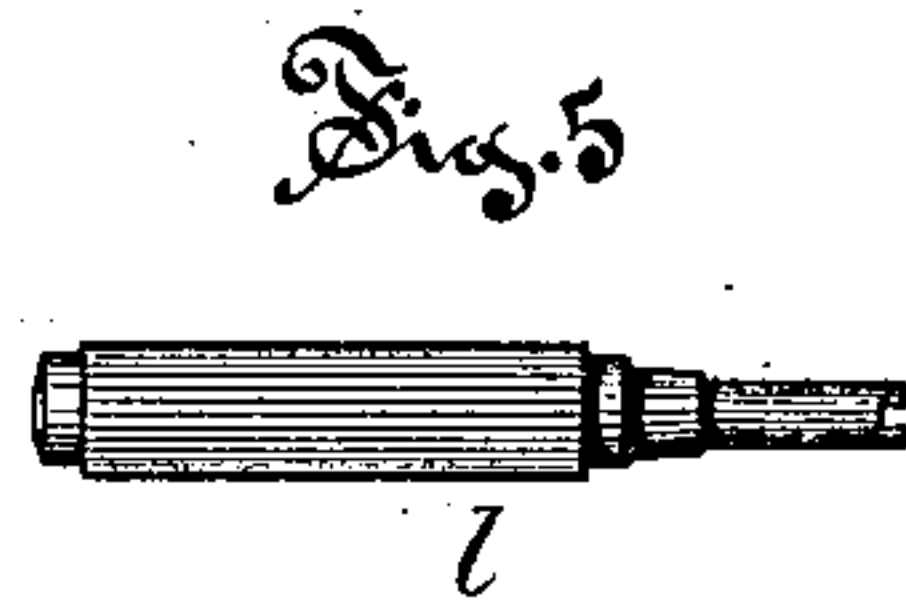
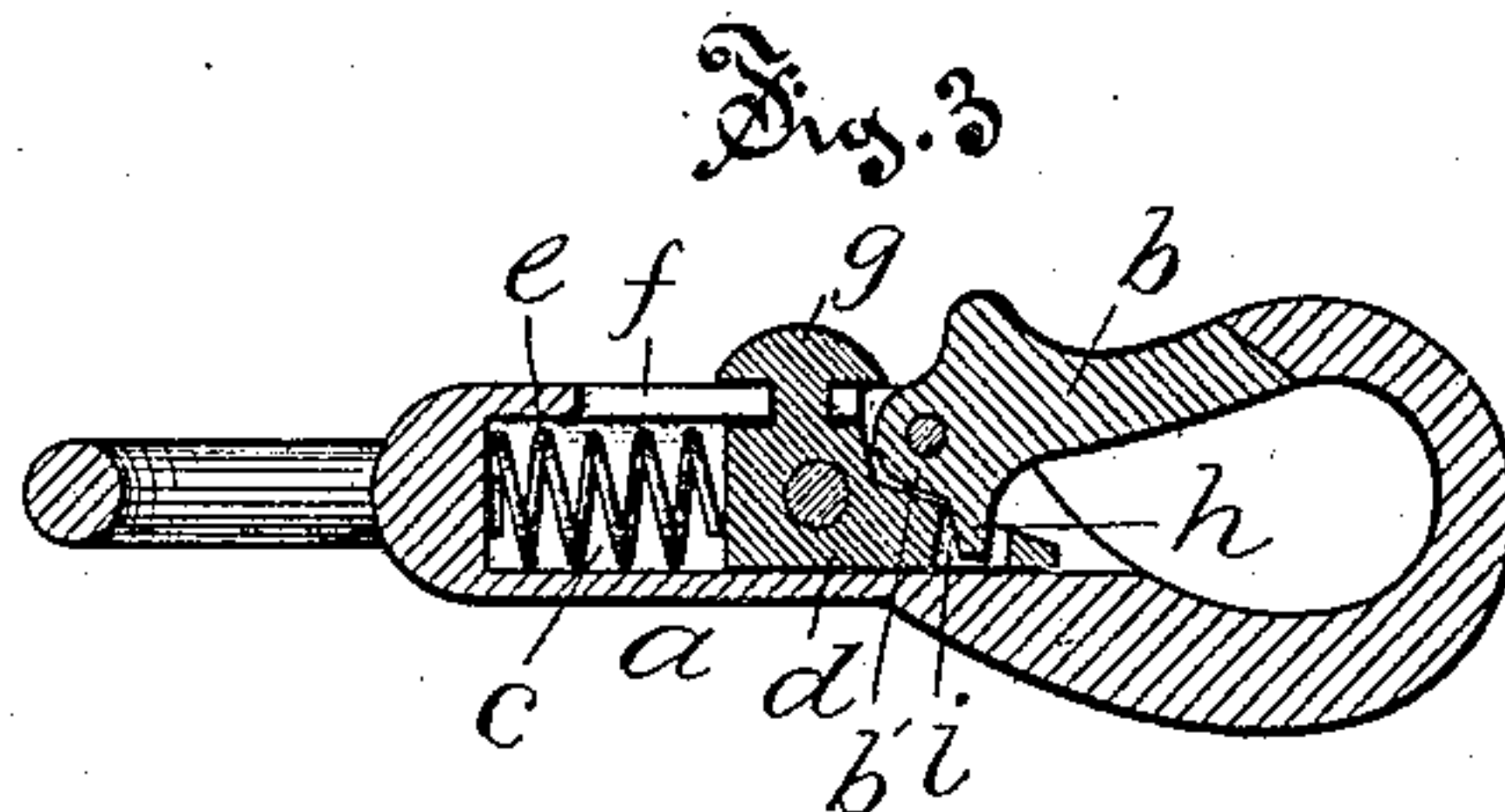
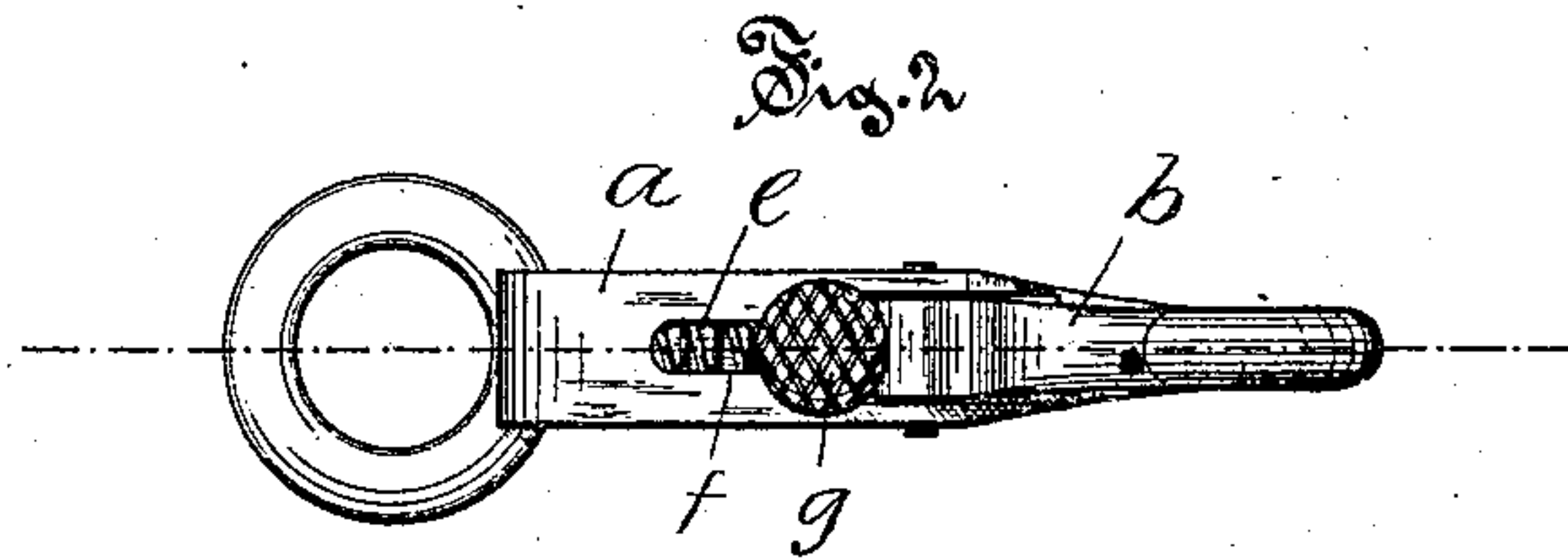
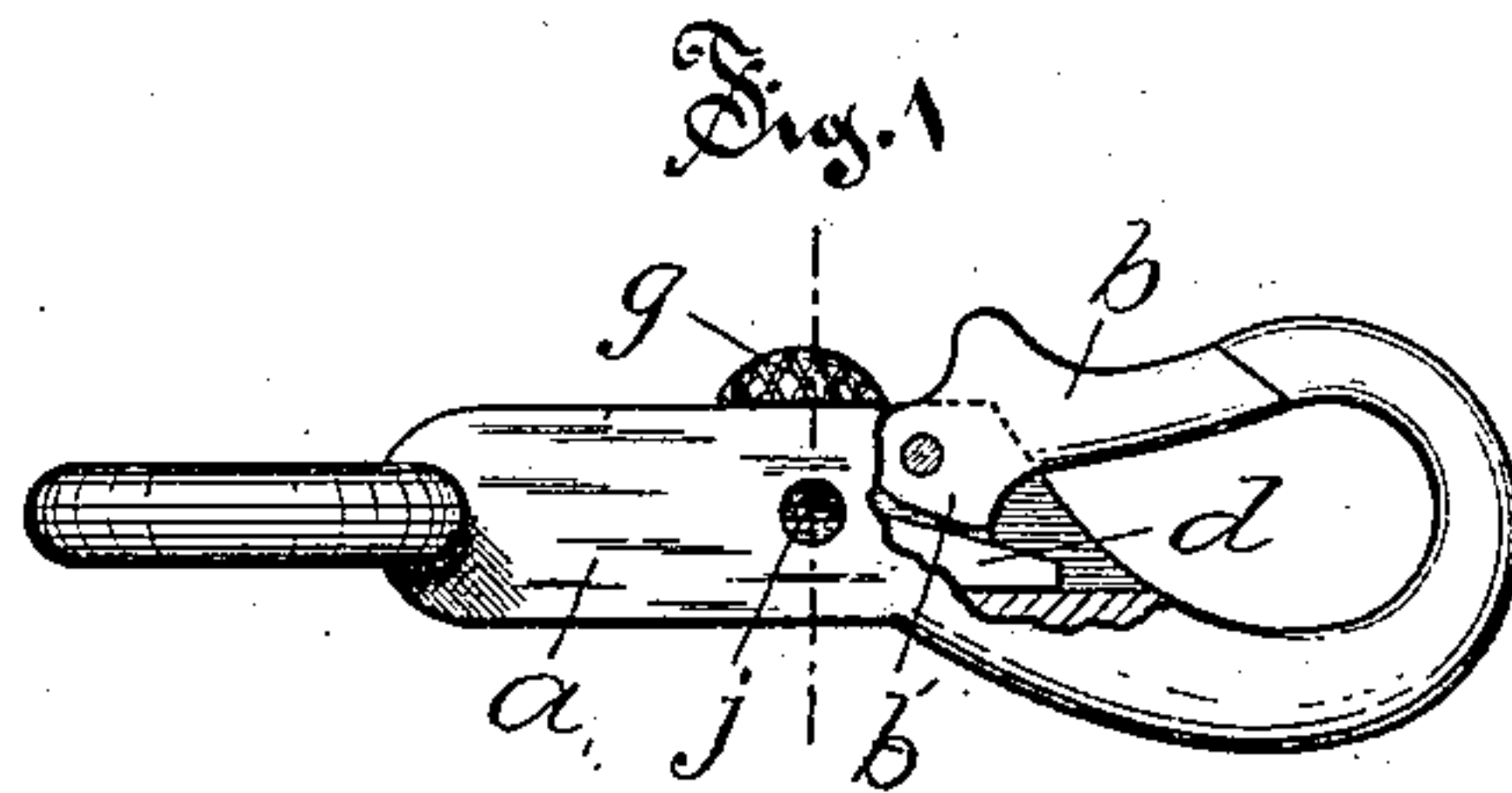
(No Model.)

G. A WASHBURN.

SNAP HOOK.

No. 308,219.

Patented Nov. 18, 1884.



Witnesses
Wm. J. Perkins
Ed. J. Dimock

Inventor.
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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
5 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.
10 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
15 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
20 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
25 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
30 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
35 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
40 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 slid-
45 ing 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
55 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
60 screw-driver is again applied and the screw-pin moved inward.

I claim as my improvement--

1. In combination, in a snap-hook, the piv-
65 oted 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-
70 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. 75

3. In combination, in a snap-hook, the piv-
oted tongue *b*, provided with the projection *b'* and the teat *h*, and the wedge-faced sliding block *d*, having the mortise *i*, all substantially
80 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
85 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.