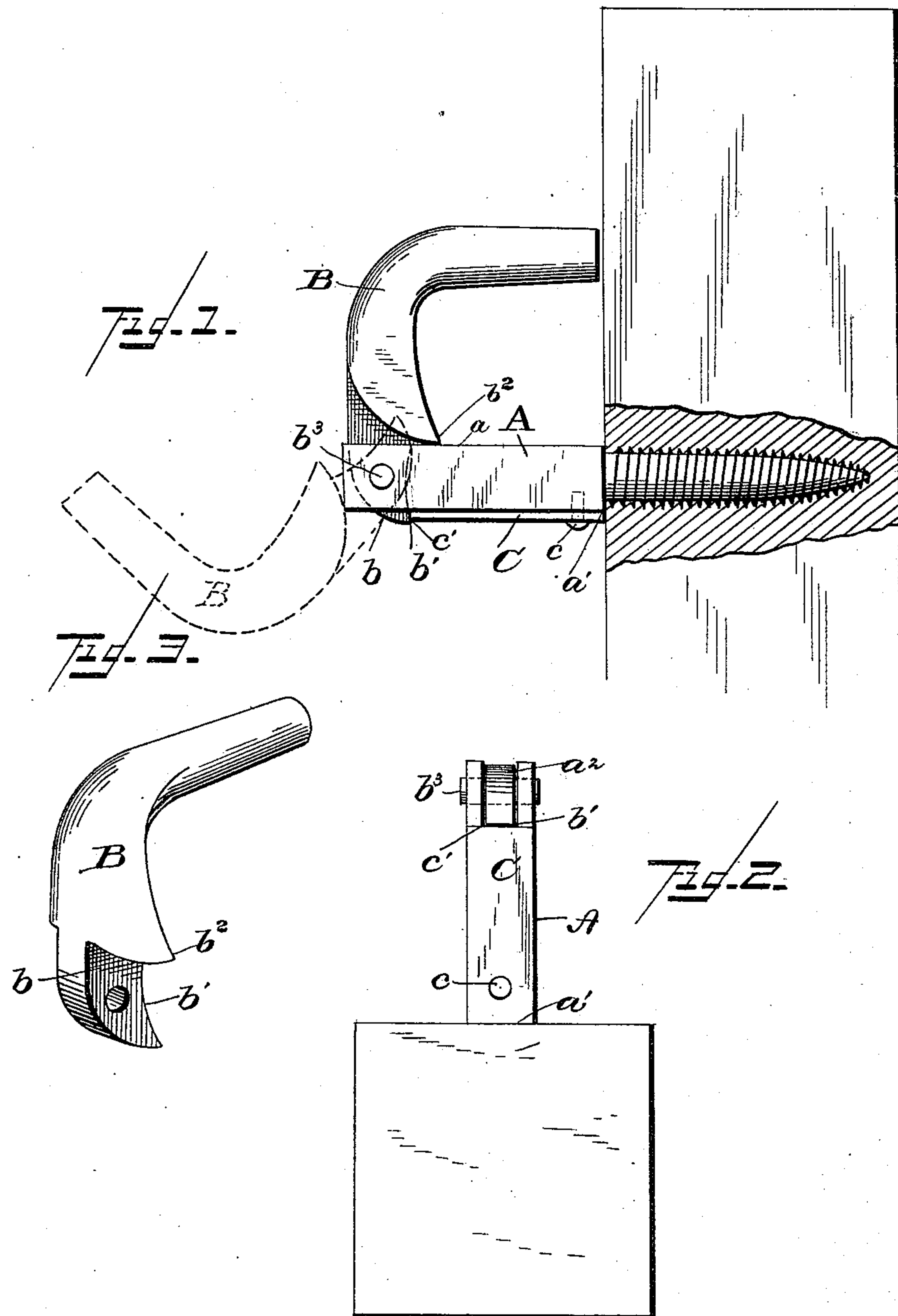


(No Model.)

W. F. MAULICK.
HOOK FOR AWNINGS, &c.

No. 396,587.

Patented Jan. 22, 1889.



WITNESSES,

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UNITED STATES PATENT OFFICE.

WILLIAM FREDERICK MAULICK, OF COLUMBIA, PENNSYLVANIA.

HOOK FOR AWNINGS, &c.

SPECIFICATION forming part of Letters Patent No. 396,587, dated January 22, 1889.

Application filed July 16, 1888. Serial No. 280,052. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FREDERICK MAULICK, a citizen of the United States, and a resident of Columbia, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Hooks for Awnings, &c.; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to hooks.

The object is to produce a hook which may be used for various purposes, but more particularly for attaching awnings to buildings, the construction of the said hook being such that the awning may be removed and replaced at will without the necessity of removing the hook, thereby preventing injury to the wood-work of the window. Furthermore, the object is to produce a hook which shall be exceedingly simple of construction, efficient and durable in use, and which may be produced at a comparatively slight expense.

With these objects in view, the invention consists in the novel construction and combination of parts of a hook, as will be hereinafter fully described in the specification, illustrated in the drawings, and pointed out in the claim.

In the accompanying drawings, forming part of this specification, and in which like letters of reference indicate corresponding parts, I have illustrated one form of device embodying the essential features of my invention, although the same may be carried into effect in other ways without in the least departing from the spirit thereof; and in these drawings—

Figure 1 is a side elevation of the hook in place in a piece of wood. Fig. 2 is a bottom plan view showing the spring for holding the hook in position; and Fig. 3 is a perspective view of the hook portion, showing the peculiar construction of the same.

Referring to the drawings, A designates the shank of the hook, one end of which is provided with screw-threads, by means of which it may readily be attached to any portion of the wood-work of a window, and the opposite end with a shoulder, *a*, the portion *a'* serving to prevent the screw entering too far into the wood, or, in other words, acting as a shoulder.

The outer end of the shoulder *a* is provided with a longitudinal slot, *a*², which extends down, preferably, about one-third of the length of the shoulder, and is designed for the reception of a tenon, *b*, of the hook portion B. To the under side of the shoulder *a* is secured a flat spring, C, the lower end of which is secured to the said shoulder by means of a rivet, *c*, or other equivalent form of fastening device, the upper end, *c'*, serving as a stop for engaging the inner face, *b'*, of the tenon *b*.

In carrying this invention into effect the tenon *b* is inserted through the longitudinal slot *a*² in the shank, the shoulder *b*² preventing the hook from falling inward, and a rivet, *b*³, serves to secure it in place. The spring C is then riveted or otherwise secured to the shank, and the end *c'* rests against the inner surface of the tenon *b*, thus serving to hold the hook portion B in position against falling outward. When the awning is to be put in place, the spring C is bent down, so as to throw it out of contact with the tenon *b*, and the hook is thrown back. After the awning has been slid on the shank the hook is turned up and the spring, pressing against the tenon *b*, as before described, prevents the hook from dropping back. It will thus be seen that, although this device is exceedingly simple of construction, it will be found highly efficient and durable in use, and may be constructed at a cost very little beyond the hooks now employed for that purpose.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the shank provided at one end with screw-threads and the other end with a longitudinal slot, a hook having a tenon formed thereon for engaging the said slot and a shoulder to prevent its falling inward, and a spring secured to the under side of the shank and adapted to engage a shoulder of the tenon to prevent the hook from falling outward, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

WILLIAM FREDERICK MAULICK.

Witnesses:

JOHN HENRY OSTERTAG,
JESSE D. GIROIN.