

No. 655,083.

Patented July 31, 1900.

H. S. HIBBS.
SHUTTER FASTENER.

(Application filed June 23, 1900.)

(No Model.)

Fig. 1.

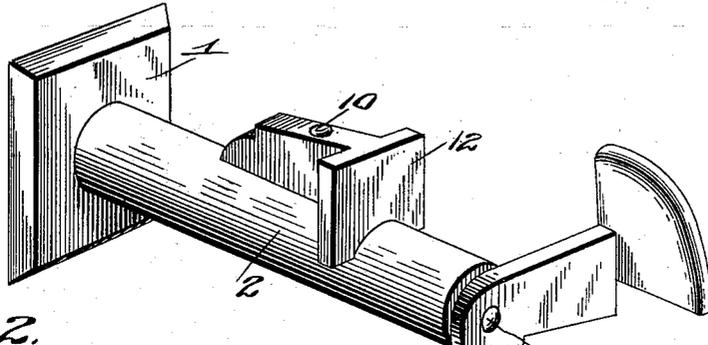


Fig. 2.

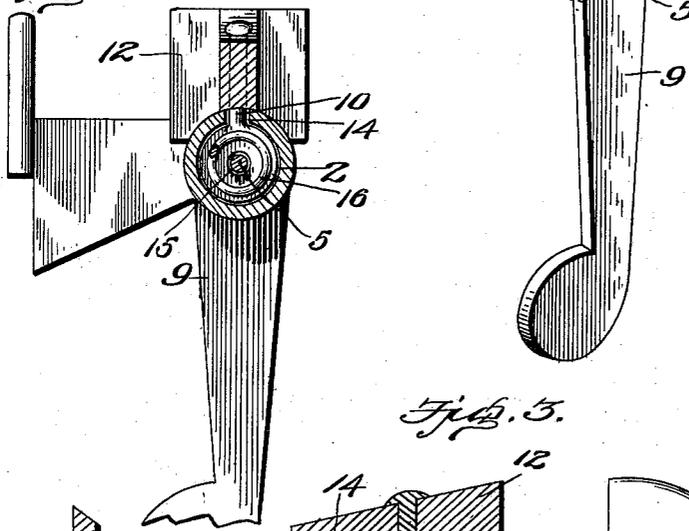
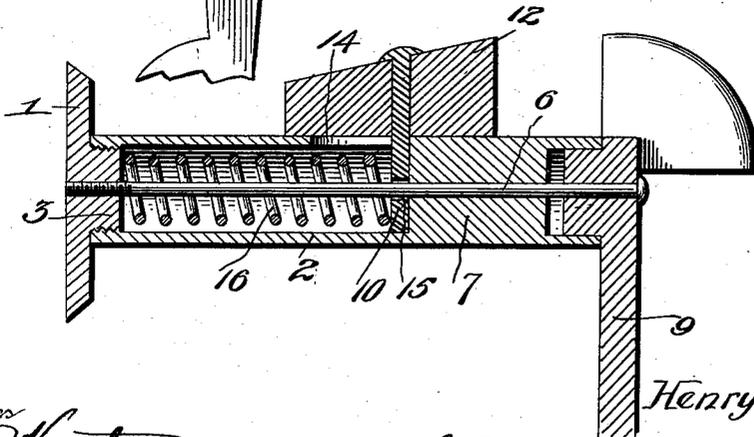


Fig. 3.



Witnesses

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HENRY S. HIBBS, OF BRISTOL, PENNSYLVANIA.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 655,083, dated July 31, 1900.

Application filed June 23, 1900. Serial No. 21,291. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. HIBBS, a citizen of the United States, residing at Bristol, in the county of Bucks and State of Pennsylvania, have invented certain new and useful Improvements in Shutter-Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to shutter-fasteners.

The object of the invention is to provide a device of this character which shall be simple of construction, durable in use, comparatively inexpensive of production, and by the employment of which the paint or woodwork of a dwelling will be prevented from becoming marred by the slamming of the blind; furthermore, to provide a device of this character which will take up the jar of a blind when swung outward, and thereby obviate any noise, and, finally, to provide a device of this character the parts of which may be easily separated for the purpose of repair or for replacing any worn or broken part with a new one.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved blind-fastener. Fig. 2 is a longitudinal sectional view of the same, and Fig. 3 is a cross-sectional view.

Referring to the drawings, 1 denotes the base or attaching plate, and 2 the barrel or casing. These two parts may be connected together in any suitable manner—as, for instance, by forming the base-plate with an exteriorly-screw-threaded boss 3 to engage the internally-screw-threaded inner end of the barrel.

9 denotes a latch or turnbuckle having a lug 10, corresponding in diameter to the bore of the barrel, within the forward end of which it is seated. A stem 5 is passed through the latch or turnbuckle and through a partition 7, formed in the barrel, and has its inner end connected to the plate 1 in any suitable manner, preferably by screw-threads, as shown, thus enabling me to cast the plate 1 and barrel 2 in one piece. The outer or forward end

of the stem is provided with a head 5 or equivalent means for holding the latch or turnbuckle in place; while permitting of the free rocking movement of the same.

12 denotes a stop, the under side of which is shaped to correspond to the external side of the barrel, upon which it is seated at the rear of the latch, and is adapted to receive the impact of the shutter when swung outwardly. This stop is connected to the barrel by a pin 10, which has a longitudinally-sliding movement in a slot 14 in the barrel, and is provided at its lower end with a perforation 15, the walls of which encompass the guide-stem 5.

A coil-spring 16 is placed upon the guide-stem 5, between the base-plate 2 and the pin 13, and acts as a cushion for the stop when it receives the impact of the outwardly-swung blind.

The fastener is secured to the side of the building in the usual manner in the path of movement of the blind, which when swung open will first engage the latch or turnbuckle, swinging it to one side. Immediately upon passing the latch or turnbuckle the blind contacts with the stop, which being held under the stress of the spring will yield, thus checking the blind in its movement and preventing it from striking the side of the building.

While I have shown and described the barrel as being provided with a partition 7 and prefer this construction, in that it embraces the guide-stem 5, I would have it distinctly understood that it may be dispensed with and the bore of the barrel be made uniform from one end to the other.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily understood without requiring an extended explanation.

The device is exceedingly useful for the purpose for which it is designed and may be placed upon the market at a comparatively-small cost.

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

A shutter-fastener comprising a base-plate, a barrel connected to said base-plate and pro-

5 vided with a longitudinal slot, a stem projecting outwardly from the base-plate through the end of the barrel, a latch or turnbuckle pivoted to the outer end of said barrel and held in place by said stem, a stop seated to slide upon said barrel, a pin projecting through said stop and the slot in said barrel and provided with an aperture through which the stem passes, and a spring confined between

said pin and the base-plate, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY S. HIBBS.

Witnesses:

OSCAR L. BOOZ,
WILLIAM H. HALL.