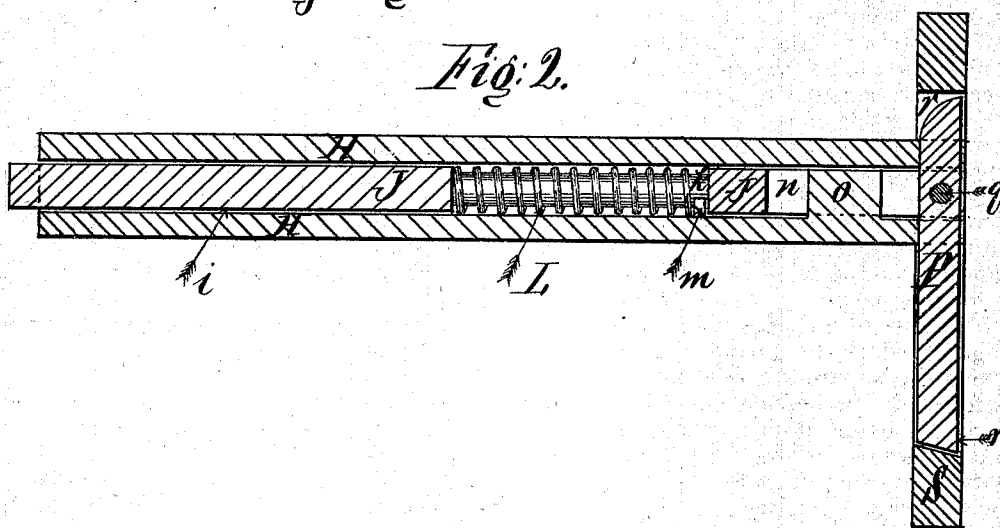
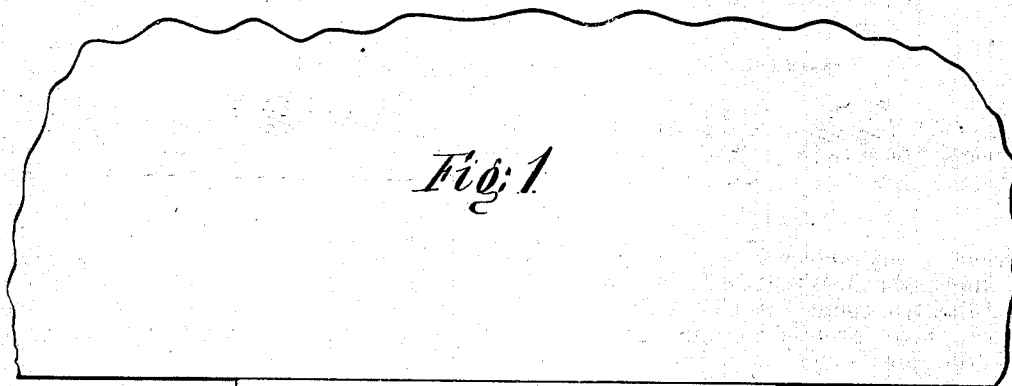


W. T. FRY.
Shutter-Fasteners.

No. 146,760.

Patented Jan. 27, 1874.



Witnesses:
 Franklin Barritt,
 Richard Gerner.

Inventor:
 William T. Fry.
 Per Henry Gerner,
 Atty.

UNITED STATES PATENT OFFICE.

WILLIAM T. FRY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. **146,760**, dated January 27, 1874; application filed January 3, 1874.

To all whom it may concern:

Be it known that I, WILLIAM T. FRY, of the city of Brooklyn, county of Kings, State of New York, have invented certain Improvements in Shutter-Fasteners, of which the following is a specification:

The object of my invention is to provide for a shutter-fastener which will hold the shutter securely to a hook placed in the wall of a house, and to which it can be hooked or unhooked without leaning out of the window. My invention consists in making a recess in the outside of the shutter opposite the hook in the wall, thus permitting the hook to pass into the said recess, and letting the shutter come close to the wall. Into a hole bored horizontally into the shutter, in a line with, and terminating in, the recess, a tube is placed, which is laid into a recess in the side of the shutter near to the window, and held there by aid of screws. Inside of the tube, having a square bore, is placed a square sliding rod, the outer end of which is made to fit into the hook in the wall, and is kept into the same by aid of a spiral spring surrounding the rod at or near the inner end, which for this purpose is made round. Two projections cast to the sides of the bore of the tube, against which the spiral spring lies, serve to prevent the square rod from being thrown too far forward. In the inner end of the square rod is cut a longitudinal vertical slot, into which a projection forming a part of the tube is inserted. In the extreme end of the rod, and in the slot, is pivoted a cam-lever, the handle of which, when placed parallel to the side of the shutter, lies in a recess cut into the aforementioned plate. When the handle is placed perpendicular to the side of the shutter, a cam on the inner end of the lever presses

against the projection in the slot above mentioned, and thus draws the rod backward, and releases the outer end of the same from its hold on the hook, and thus allowing the shutter to be closed.

In order to more fully describe my invention, I refer to the accompanying drawing forming a part of this specification.

Figure I. is a sectional plan view of the window-frame, shutter, and fastener embodying my invention. Fig. II is an enlarged detached sectional view of the fastener.

A represents the wall of a house, to which is fastened the hook B. C represents a shutter, hinged at *d d* to the wall A. E is the recess cut into the shutter at *f*. *g* is the hole cut into the shutter, in which is placed the tube H cast or made in two parts, and having a square bore, *i*, in which is placed the square rod J, being rounded at *k*, and surrounded by the spiral spring L. *m m* are the two projections against which the spiral spring rests. *n* is the slot in the end of the rod J. *o* is the projection, forming a part of the tube H, fitting into the slot *n*. P is the cam-lever, pivoted at *q q* to the end of the rod J, and lying in the slot *n*. *r* is the recess in the plate S.

Having thus described my invention, I desire to claim—

A shutter-fastener, consisting of the rod J, placed in the tube H, thrown forward against the hook B by aid of the spiral spring L, and thrown backward by aid of the cam-lever P placed in the recess *r* of the plate S, substantially as and for the purpose set forth.

WM. T. FRY.

Witnesses:

RICHARD GERNER,
VALENTINE DIXON.