(No Model.)

H. C. KAUFFMAN.

COMBINED SHUTTER FASTENER AND SHUTTER BOWER.

No. 346,289. Patented July 27, 1886.

Fig. 1.

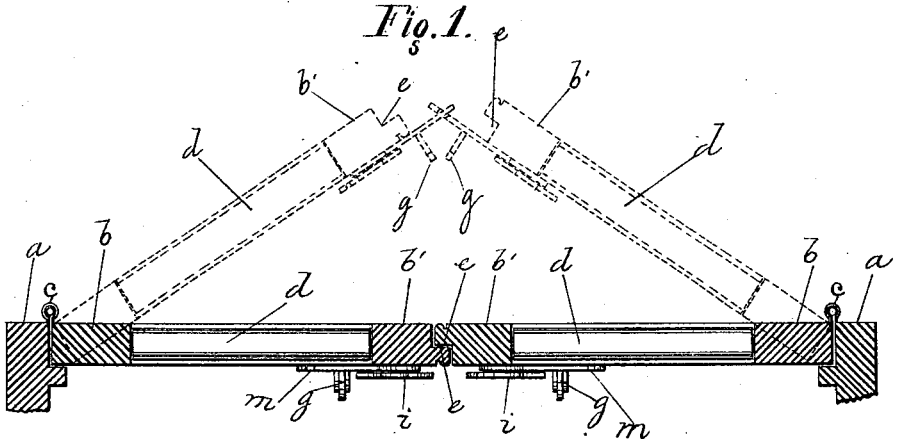


Fig. 3.

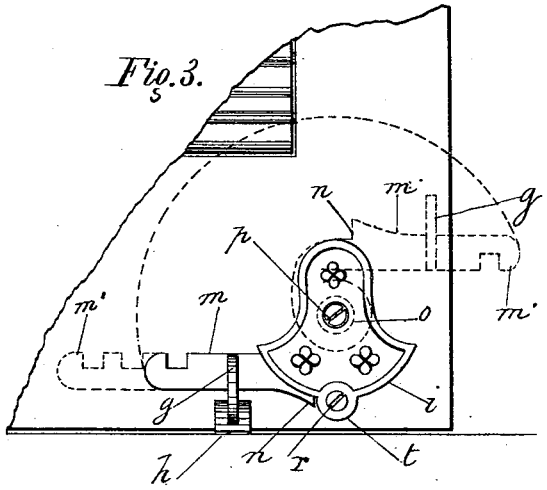
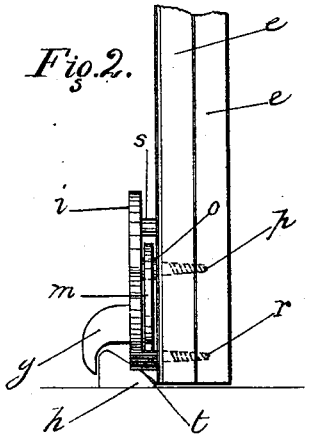


Fig. 2.



Witnesses.
Wm. H. Parrish
John C. Wadley

Inventor.
Harry C. Kauffman
by W. J. Dennis
Atty

UNITED STATES PATENT OFFICE.

HARRY C. KAUFFMAN, OF RICHMOND, INDIANA.

COMBINED SHUTTER-FASTENER AND SHUTTER-BOWER.

SPECIFICATION forming part of Letters Patent No. 346,289, dated July 27, 1886.

Application filed March 6, 1886. Serial No. 194,206. (No model.)

To all whom it may concern:

Be it known that I, HARRY C. KAUFFMAN, a citizen of the United States, residing at Richmond, in the county of Wayne, State of Indiana, have invented certain new and useful Improvements in Fastenings for Window-Shutters, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to that class of fastenings used on blinds and shutters of dwellings and other buildings.

My invention consists in the mechanism hereinafter described, forming a fastening for the shutter when closed, and also adapted to hold the shutters rigidly in position when partially open for purposes of ventilation.

In the drawings, Figure 1 is a horizontal section of the lower portion of a pair of shutters and the framing to which they are hung, showing my improved fastenings in position, and showing the shutters partially open and locked in that position. Fig. 2 is an edge elevation of one of the shutters, being the lower end of the same, and showing the fastening attached to the inner surface of the same. Fig. 3 is a side elevation of the same, showing the fastening and its connection, and showing the sweep of the latch in dotted lines and its position when used to fasten the shutters partially opened.

In Fig. 1, *a a* represent the vertical side framing of the window-frame; *b b*, the outside stiles of the shutter, and *b' b'* the inner stiles of the shutter lapped or rabbeted. At *e e* and *c c* are hinges upon which the shutter swings.

d d are blind-slats secured to the stiles of the shutter in the usual manner. A shield-shaped metal plate, *i*, (see Fig. 3,) provided with a semicircular projection, *t*, at its lower extremity, which extends out laterally until it comes in contact with the inner face of the shutter, against which it rests, forms a stop for the latch, as seen at *n*, and at the same time a housing for the wood-screw *r*, which holds the plate *i* to the shutter. A tubular boss, *o*, formed upon the inner surface of the plate *i* in a central position, serves as the axis upon which the latch *m* has a partial revolution, as seen in dotted lines in Fig. 3. The boss *o* rests against the inner surface of the shutter and forms a circular case for the wood-screw *p*, which, in connection with the screw *r*, serves to hold the plate *i* and its attachments firmly to the shutter. A lug, *s*, projects outward from the inner surface of the plate *i*, resting against the shutter, which serves as a stop or catch for the latch *m* when its inner end is turned upward and outward, as seen in dotted lines in Fig. 3. A latch, the axial end of which is curved in form, is provided at its curved end with a hub or opening, and is adapted to revolve partially on the boss *o*, and is arrested in its motion in the direction of the window-frame sill by the shoulder of the projection *t*, as seen at *n*, Fig. 3, and in the opposite direction it is arrested in a horizontal position by the lug *s*, as seen in dotted lines in Fig. 3, where the latch may be interlocked with its fellow latch on the opposite shutter, as seen in Fig. 1 in dotted lines, serving to hold the shutters rigidly in a partially-open position for ventilation or light, as may be desired. A curved catch, *g*, is formed upon and is a part of the latch *m*, and is adapted to engage with a keeper, *h*, which is rigidly secured to the window-frame sill, and when the shutters are closed and the catch *g* overlaps the keeper *h* the shutters are securely locked against being opened from the outside.

The latch *m* is provided near its outer or swinging end with one or more notches, *m'*, by means of which the latches are interlocked when the shutters are partially open, and by means of a series of notches the degree of space in the opening is regulated.

It will be seen that the latch *m* can be readily raised or depressed at any point between the stops *n* and *s* to engage or release the catch *g*, or to engage or release the notches *m' m'*.

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

A shutter-fastening composed of the plate *i*, provided with projections *t*, *o*, and *s*, the latch *m*, having one or more notches, *m'*, and provided with catch *g*, and the keeper *h*, constructed and operating in the manner and for the purpose substantially as herein set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY C. KAUFFMAN.

Witnesses:

JAS. W. NICHOLS,

W. T. DENNIS.