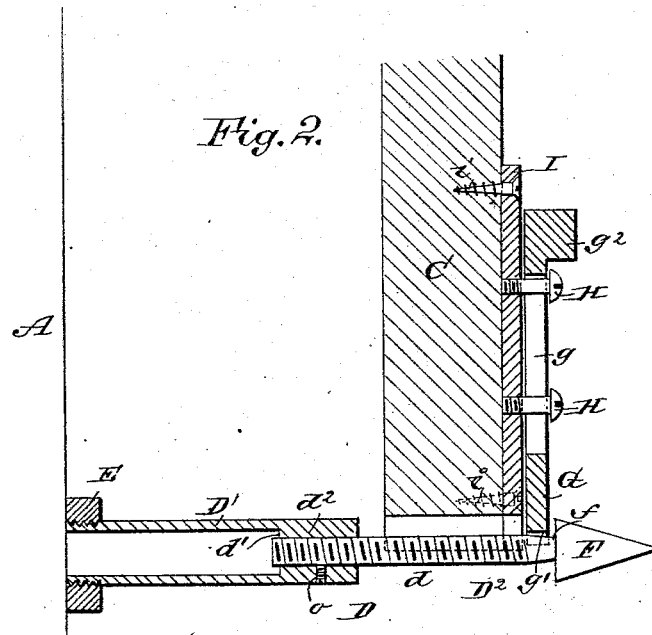
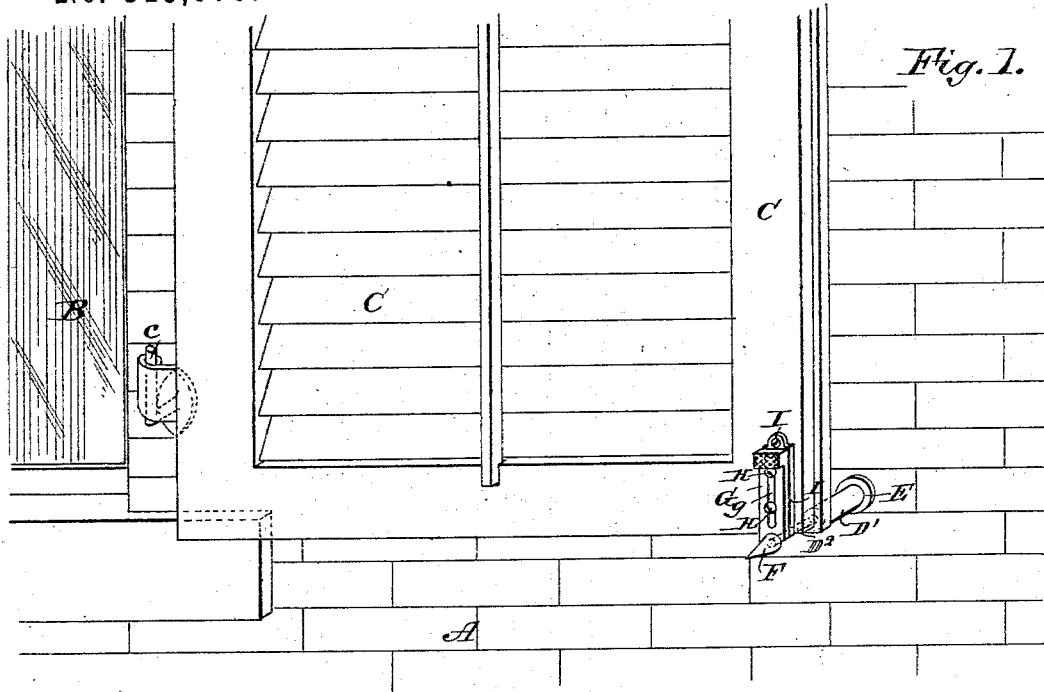


(Model.)

J. VON HOLLEN. SHUTTER FASTENER.

No. 315,979.

Patented Apr. 14, 1885.



WITNESSES:

H. Berger
C. Sedgwick

INVENTOR:

J. von Hollen
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN VON HOLLEN, OF CHARLESTON, SOUTH CAROLINA.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 315,979, dated April 14, 1885.

Application filed May 28, 1884. (Model.)

To all whom it may concern:

Be it known that I, JOHN VON HOLLEN, of Charleston, in the county of Charleston and State of South Carolina, have invented a new and Improved Shutter-Bolt, of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple, efficient, and durable bolt more especially adapted for locking window shutters or blinds in open position, and one having a catch which may be lengthened or shortened to permit the shutter-latch to engage automatically with it, irrespective of the thickness of the shutter or of the distance its face stands from and in the plane of the wall of the house.

A further object of the invention is to afford a wide range of adjustment of the extensible bolt-catch with but few sizes of the bolt.

The invention consists in a shutter-bolt made in two parts, screwed to each other, and having a conical head, behind which the latch-bar on the shutter drops to lock the shutter open.

The invention also consists in various constructions and combinations of parts of the catch and latch of the shutter-bolt, all as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is an elevation of part of a building, window, and window shutter or blind with my improved bolt applied to use in holding the shutter open, and Fig. 2 is a vertical sectional view drawn to a larger scale.

The letter A indicates the wall of a building; B, the window, and C the window shutter or blind, hung on any approved style of hinges, *c*.

D is the extensible catch of the bolt, which is formed of a suitable hollow bar or tube, D', and an outer end portion, D². The tube D' may connect with the wall of the building by screwing or riveting into a metal plate or bushing, E, fixed in any substantial manner to the wall A. The body or shank of the part D² is screw-threaded, as at *d*, and is fitted by its threads *d* into the outer end of the tube D'. The bore of the tube D' is enlarged back

of the shoulder *d'* at the inner end of that part *d*² of the tube which is fitted to the threads *d* of the part D² of the catch, so as to provide a sufficient length of screw-bearing at *d*² for the threads of the part D² to hold it steadily and insure its easy movement in and out of the tube D'.

The outer end of the part D² is provided with a conical head, F, forming a shoulder, *f*, back of the head, behind which the latch-bar G on the shutter or blind is adapted to catch. The latch-bar G is slotted lengthwise at the center, as at *g*, so that it may have motion along headed guide-screws H, passed through the slot either directly into the shutter C or into a face-plate, I, which is fixed to the shutter by screws *i*, as shown. The construction of the latch with the face-plate I is preferred, as it provides for a more substantial connection of the latch-bar with the shutter than the use of the screws H would alone afford. The foot of the latch-bar G is notched at *g'*, to fit partly around the shank of the catch D, behind its head F, and the latch-bar hangs from the upper screw H, to hold the notched end of bar G just above or in such relation to the extreme point of the head F that as the shutter C is swung back open the end of the latch-bar will ride freely up the conical head and drop behind it, as shown, to automatically lock the shutter open until the latch-bar G is again lifted by applying the finger to the projecting head portion or finger-lift *g*² of the bar to lift it above the shoulder *f* of the head F, as will readily be understood, whereupon the shutter may be swung shut.

It will be seen that the part D² of the catch may be screwed in or out of the part D' more or less, so that one size of catch may be used to accommodate varying thicknesses of shutters or blinds, and any special style of blind-hinges which may throw the face of the blind more or less distant from the wall of the building. The extensibility of the catch D gives a very wide range of lengthwise adjustment with but few sizes of the bolt.

After the catch D is adjusted to the proper length, I propose to set the screw *o* onto the part D², to prevent said part D² from turning either in or out, said screw *o* being passed in

through the end d^2 of the part D' of the bolt, as shown.

The parts D' and E may be cast together, and in malleable iron, if desired.

5 I have described the bolt as applied to use in holding window shutters or blinds; but it is evident that it may be used on doors or other swinging objects to lock them in open position.

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

1. The combination, in a shutter-bolt, of a catch, D , formed of two parts, D' D^2 , screwed to each other, said part D^2 having a conical head, F , and a sliding latch-bar, G , fitted on

the shutter, and adapted to engage the catch-bar behind its head F , substantially as shown and described.

2. As a new and improved article of manufacture, a catch for a shutter-bolt, made with a tubular screw-threaded part, D' , and a screw-threaded and headed part, D^2 , adapted to be adjusted on the part D' to vary the length of the catch, substantially as shown and described.

JOHN VON HOLLEN.

Witnesses:

WM. F. BARRAGAN,
W. J. O'HAGAN.