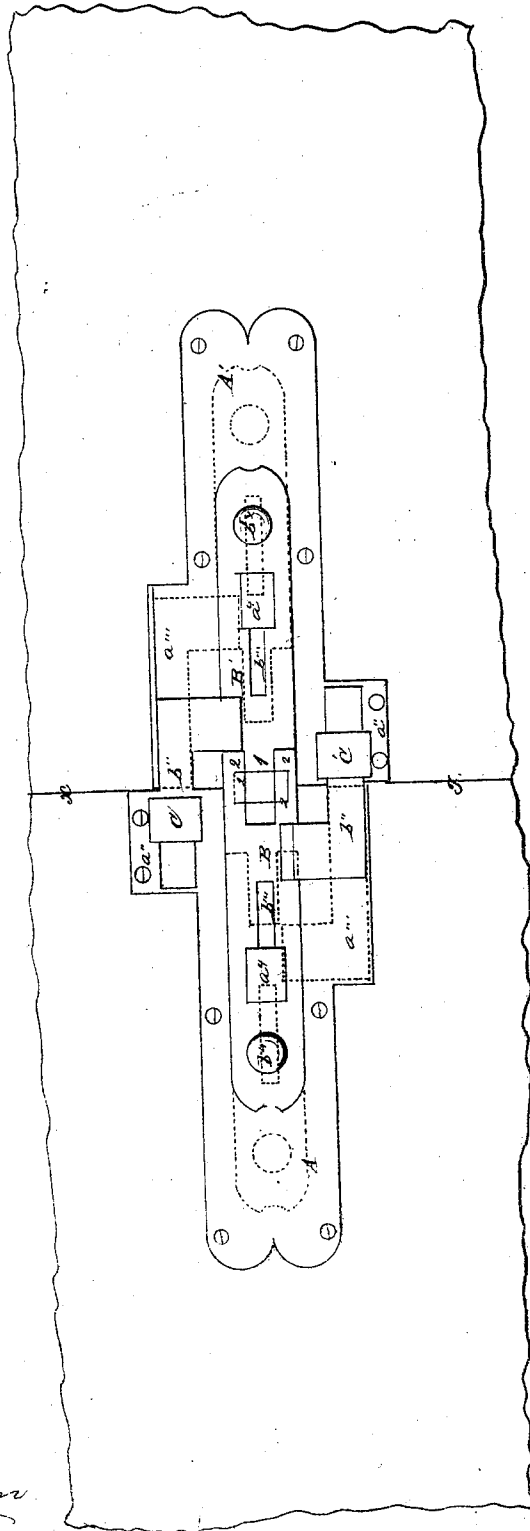


P. Burke.
Bolt for Shutter.

Nº 72600

Patented Dec. 24, 1867.



Witnesses
Benjamin Monitor
Wm. H. Monitor

Charles Burr
Patrick Burr

United States Patent Office.

PATRICK BURKE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 72,600, dated December 24, 1867.

IMPROVEMENT IN BOLTS FOR SHUTTERS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, PATRICK BURKE, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and improved Bolt for Window-Shutters, Double Doors, &c.; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing, making a part of this specification, and to the letters and numbers of reference marked thereon.

The nature of my invention consists in making the two usual separating-parts of a shutter-bolt, each to have a slide and a socket constructed and arranged upon the plate so that when both the plates are applied to the shutters, the slide and the socket of one plate will correspond with the socket and the slide of the other plate, and will interlock across the parting-line of the closed shutters, when the two slides are pushed together toward each other, substantially as hereinafter described, whereby but half of the usual extent of motion is required in the respective slides, and two bars are brought across the parting-line of the shutters instead of one only, as heretofore, and therefore greater strength and security afforded by the said improved bolt, also greater facility afforded in legitimately fastening and unfastening the shutters.

Referring to the drawing, A A' are the two separating-plates of the bolt, B B' their respective slides, and C C' their respective sockets; the said plates being secured to a pair of window-shutters, which close together on the line *xy*. The plates A A' are made considerably wider at their opposing ends *a'' a'''*, than in the old single-slide bolt, for the purpose of affording proper foundations for their respective sockets C C', and slides B B'. The forward ends *b'' b'''* of the slides B B', are "set off" laterally from and parallel to the main portion of the slides, respectively, at about half an inch distance, more or less, for a common-sized window, and so that their ends will be directly opposite to the sockets C C', respectively, when the plates A A' are aligned on the shutters, as shown in the drawing. The main portion of each slide B B' has a slot, *b'''*, which, in combination with a flat-headed stud, *a'*, fixed in the plate, serves to stop, at the proper points, the longitudinal motions given to the slide in operating it, and also to keep it down in close contact with the plate; *b' b'* being the requisite thumb-and-finger knobs of the said slides.

The drawing shows the two parts of the bolt as closed together over the parting-line *xy* of the two shutters, and when the slides B B' are drawn back, for opening the shutters, the said slides will, respectively, be in the positions indicated by the dotted lines. It will therefore be seen that the extent of the movements required in the slides B B', in bolting or unbolting the shutters, is only about half that required in the same-sized bolt having the single slide, and that when the shutters are closed and "bolted," as shown, there will be two bars *b'' b'''* across the closing line of the shutters. Parallel with the set-off ends *b'' b'''* of the slides B B', the main portions of the said slides are extended forward so as to produce on the one slide, B', the tongue 1, and on the other, B, the two tongues 2 2, so that when the two slides are closed together these projecting portions, 1, 2 2, will interlap across the line *xy* of the shutters, as shown in the drawing; and it is intended to connect the two projections 2 2, by means of a cross-plate, (not shown fully in the drawing, but indicated by the faint lines 3 3,) so as to make the same serve as a socket for receiving the tongue 1 beneath it, and thus give additional strength to the bolt as a fastening.

Having thus fully described my improved bolt for window-shutters, double doors, &c., what I claim as new therein of my invention, and desire to secure by Letters Patent, is confined to the following, viz:

I claim a bolt, having its two separating-parts A A', provided with the slides B B', and the sockets C C', constructed and arranged to operate together substantially as set forth and described, for the purposes specified.

PATRICK BURKE.

Witnesses:

WM. H. MORISON,
JOHN WHITE.