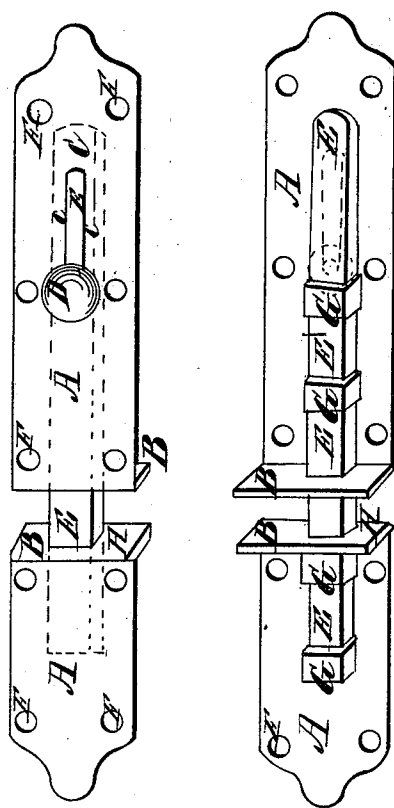


P. Warner,
Shutter Bolt.

N^o 15,094.

Patented June 10, 1856.



UNITED STATES PATENT OFFICE.

PHILIP WARNER, OF LANCASTER, PENNSYLVANIA.

BOLT FOR SHUTTERS.

Specification of Letters Patent No. 15,094, dated June 10, 1856.

To all whom it may concern:

Be it known that I, PHILIP WARNER, of Lancaster city, county of Lancaster, and State of Pennsylvania, have invented an Improvement in Shutter-Bolts, which I style the "Improved Mortise Shutter-Bolt;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention is the constructing a window-shutter bolt mortised into the shutter; and presenting a finished plate in front.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and operation.

It is composed of two iron plates with the iron bolt on one side, and the other side plain and finely plated.

The advantages over other shutter bolts are that the bolt is completely protected from the weather, the frost, snow and ice not affecting it, and the shutter is handsomely ornamented by the appearance of a neat painted or plated plate instead of a dark heavy bolt exposed, and the shutters when closed are so firmly bolted as to prevent the wind from shaking them and causing them to rattle, as is generally the case with other bolts. The bolt is not liable to rust—and on account of its motion back and forward being kept on a perfect line by the knob operating in the long aperture, it is not liable to get out of order, and therefore its usefulness is evidently manifest.

Figure 1 represents the front side and

plated face—with plated knob—and Fig. 2 the reverse side, having the bolt attached by clips.

A, represents the double plate with solid plated ends B. In the longer plate A is a long aperture C, in which the plated knob D operates on the bolt E.

F, are the apertures or holes through which screws are inserted to fasten the plates A firmly to the shutters.

E, the bolt, is attached to and operated on by the knob D and works backward and forward and parallel with the long aperture C and is supported by two clips G on each plate. The plated ends B have each a square aperture H corresponding with the size of the bolt E and through which the bolt E passes.

I do not claim a bolt as attached to a plate by clips with a flanged plate catch but

What I claim as my invention and desire to secure by Letters Patent is—

Two corresponding silver plated metal flanged plates in combination with a silver plated knob attached to an inside bolt, having on the reverse or inside of the plates corresponding clips in which the bolt operates said bolt and clips to be fitted to a mortise in a window shutter, for the purpose of presenting a neat silver plate on each shutter to hide the bolt and completely protect it from the weather, substantially as herein described.

PHILIP WARNER.

Witnesses:

ESROM SPERA,
J. FRANKLIN REIGART.