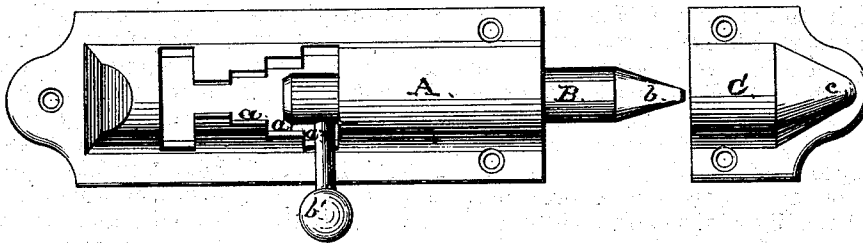


O. C. SQUYER.

Bolts.

No. 156,238.

Patented Oct. 27, 1874.



Witnesses:

C. F. Haglin
J. C. Glafter

Inventor:

O. C. Squyer

UNITED STATES PATENT OFFICE.

OSCAR C. SQUYER, OF MINNEAPOLIS, MINNESOTA.

IMPROVEMENT IN BOLTS.

Specification forming part of Letters Patent No. **156,238**, dated October 27, 1874; application filed April 11, 1874.

To all whom it may concern:

Be it known that I, OSCAR C. SQUYER, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Improvement in Door-Bolts; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, making a part of this specification.

The object of my invention is to provide a bolt that will readily adapt itself to inequalities, and securely fasten doors, even when warped or settled considerably out of place; and it consists in forming the frame or casing of an ordinary door-bolt with graded or step-shaped stops, and in combining therewith a bolt having a cone-shaped end engaging with a cone-shaped catch or keeper, as will be hereinafter more fully described.

The figure represents a face or plan view of my improved door-bolt, in which—

A is the frame or casing, which may be made in any of the various known styles, and has formed on its transverse slot a series of graded or step-shaped stops, a a^1 a^2 , which serve to lock the bolt at various points. B is the bolt, having a cone-shaped end, b , for more easily entering the keeper when the door has sagged, and the ordinary operating-knob b' ;

and C is the catch or keeper, terminating in a cone-shaped point, c , corresponding to and for engaging with the cone-shaped bolt.

The operation of my device is simple and easily understood. A forward movement of the bolt will enable its cone-shaped end to easily enter the cone-shaped keeper, even when the door has sagged or is considerably warped out of place, and the downward movement of the operating-knob will lock the bolt on either one or another of the step-shaped stops formed in the body of the frame or casing; or, if the door is plumb, the bolt will enter its entire length and lock itself in the usual manner.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

An improved door-bolt, consisting of the frame or casing A, having graded or step-shaped stops a a^1 a^2 , the bolt B, having cone-shaped end b and operating-knob b' , and the catch or keeper C, terminating in cone-shaped point c , all substantially as described and shown, for the purpose specified.

O. C. SQUYER.

Witnesses:

C. F. HAGLIN,
J. C. SLATER.