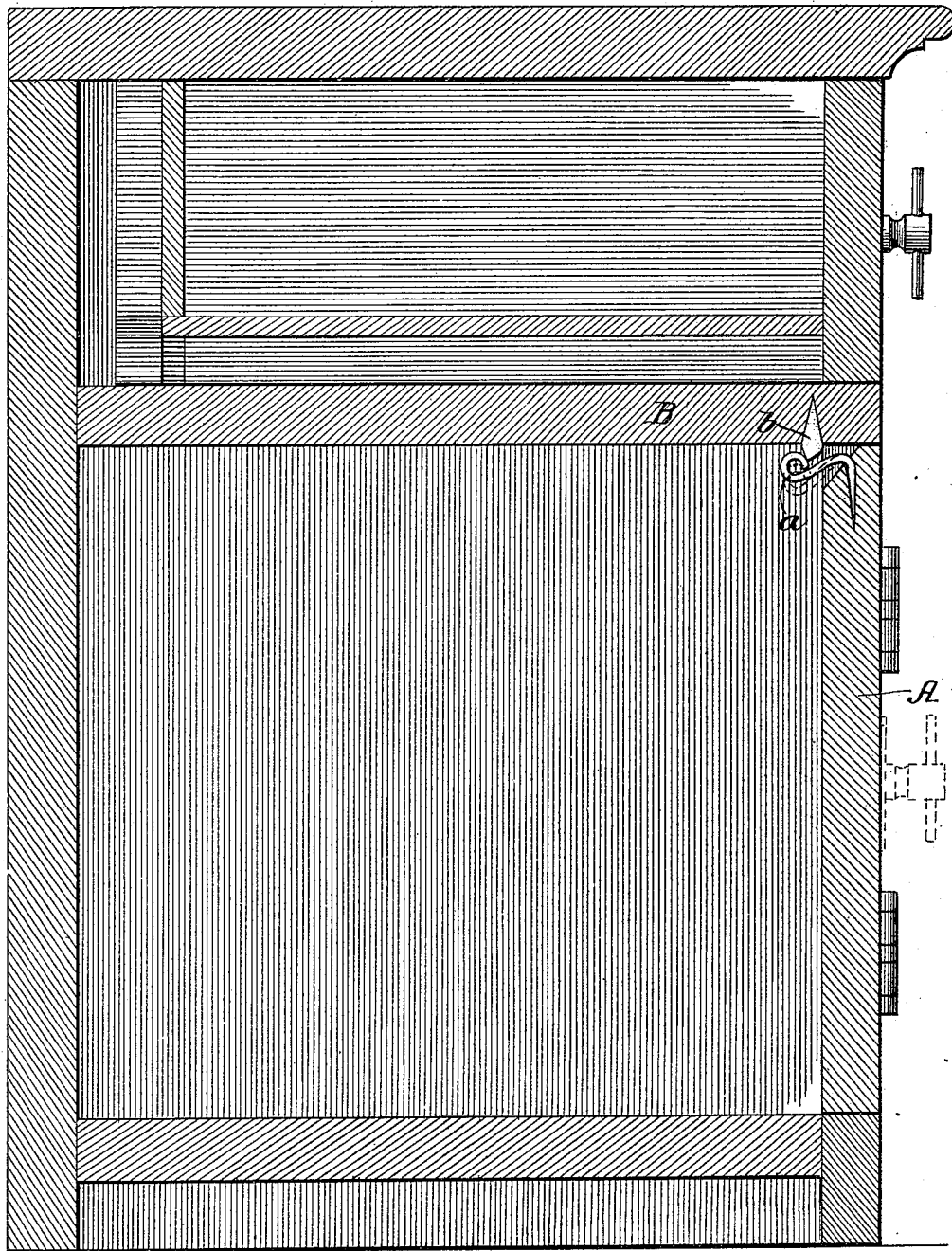


(No Model.)

J. G. MARTZ.
DOOR CATCH.

No. 470,203.

Patented Mar. 8, 1892.



WITNESSES:

Fred G. Dieterich

Edw. W. Pyren.

INVENTOR:

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ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN G. MARTZ, OF BIG RAPIDS, MICHIGAN.

DOOR-CATCH.

SPECIFICATION forming part of Letters Patent No. 470,203, dated March 8, 1892.

Application filed May 20, 1891. Serial No. 393,495. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. MARTZ, residing at Big Rapids, Mecosta county, and State of Michigan, have invented a new and useful Improved Door-Catch, of which the following is a specification.

The object of this invention is to provide a cheap, simple, effective, and universally-applicable spring-catch for the doors of sideboards, cabinets, commodes, chiffoniers, bookcases, bureaus, and all kinds of cupboards or closets.

It consists of a retaining and impinging bar or staple fixed on the interior of the frame-work of the door inside the plane of the latter when closed, so as to act as a stop to the door, in combination with a bent spring-catch attached to the door and adapted to project beyond and lock inside of said impinging and retaining bar, as hereinafter fully described.

The figure is a vertical sectional view through the door of a sideboard or other similar piece of furniture.

In the drawing, A represents the door, and *a* is a wire spring having a loop or eye at its end, and having its shank portion buried and firmly seated in the wood of the door. A slot is cut in the edge of the door in which the spring-catch is located, so that it does not project beyond the outlines of the door.

B is a stationary portion of the article to which the staple *b* is applied. This staple or

bar forms an impinging edge for the eye of the spring-catch, and when the eye or loop portion passes beyond the staple it springs behind it and, being retained thereby, locks the door. The edge of this staple or bar *b* is beveled to facilitate the passage of the eye of the spring-catch, and said staple projects sufficiently in front of the door to be struck by the door when it closes, thereby causing said staple to act as a stop to the door and dispensing with the usual wooden stop, which is glued on and is liable to drop off.

This catch may be located at the top, bottom, or side of the door, and the spring-catch may be of any shape in cross-section and of any material.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with the door and the stationary frame-work of the door, of a retaining and impinging bar fixed on the interior of the frame-work and inside the plane of the door to act as a stop for the latter, and the bent spring-catch attached to the door and adapted to project beyond and lock inside the said impinging and retaining bar, substantially as shown and described.

JOHN G. MARTZ.

Witnesses:

JNO. T. CLARK,
L. C. SHAW.