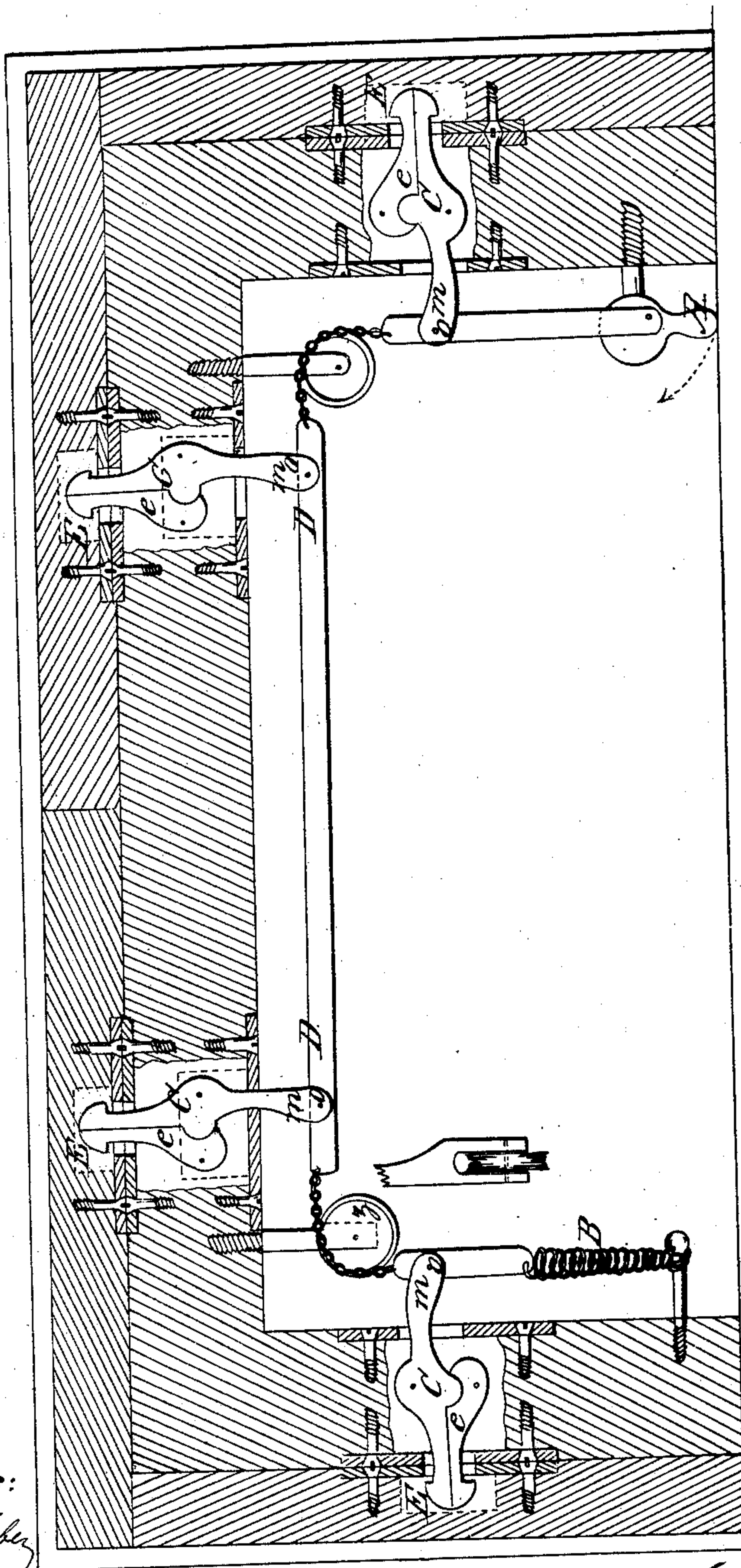


F. Becker,
Shutter Fastener.

N^o 37,849.

Patented Mar. 10, 1863.



Witnesses:
Arthur delWetleyer
A. Moore

Inventor:
Friedrich Becker

UNITED STATES PATENT OFFICE.

FRIEDRIK BECKER, OF SCRANTON, PENNSYLVANIA.

IMPROVEMENT IN SECURING SHUTTERS AND SHOW-WINDOWS.

Specification forming part of Letters Patent No. 37,849, dated March 10, 1863.

To all whom it may concern:

Be it known that I, FRED. BECKER, of Scranton, in the county of Luzerne, State of Pennsylvania, have invented a new and Improved Mode of Securing Shutters on Show-Windows, &c.; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, with letters of reference marked thereon.

The nature of my invention consists of securing shutters, &c., by means of catches C, which are governed by a simple apparatus located inside of the show-case.

The drawing represents the apparatus in a state to remove the shutters, as will be perceived by the closure of the catches C.

The way how to secure the shutters by the apparatus D would be as follows: In turning the handle A one-quarter of its circle in the direction X, the spring B, which is in the former-mentioned position, (it is expanded) immediately after the motion, will retire and cause by this move a united opening of all catches C attached to the apparatus or pool D. These catches C are so constructed that the part *m* of each catch C is connected by means of a screw, *o*, to the pool D, which is the communication between the handle A and spring B. The pool D, governed either by handle A or spring B, will cause the part

d of each catch to act upon the part *e* of each catch, on account of their eccentrical axles creating such a closure. Having now the catches opened by way as above mentioned, they are now ready to receive the shutters. The shutters have on the top an extension, which will be put first into a little hole corresponding, pressing the lower part. In doing so the shutters will be pressed against the catches. The catches will slip into an opening, E, be pressed together, and expand again by means of the spring B. The shutters are now unremovable from the outside. By turning the handle A again to the right, about a quarter of a circle, the catches C will close together, and the shutters will be able to be removed.

The shutters are provided on the lower part with a little india rubber block, to prevent sliding.

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

The mode of securing the shutters by means of the peculiar constructed catches C, governed by the apparatus, as above described, and shown in the drawings.

FRIEDRIK BECKER.

Witnesses:

G. H. HOLTZMAN,
E. L. STEVENS.