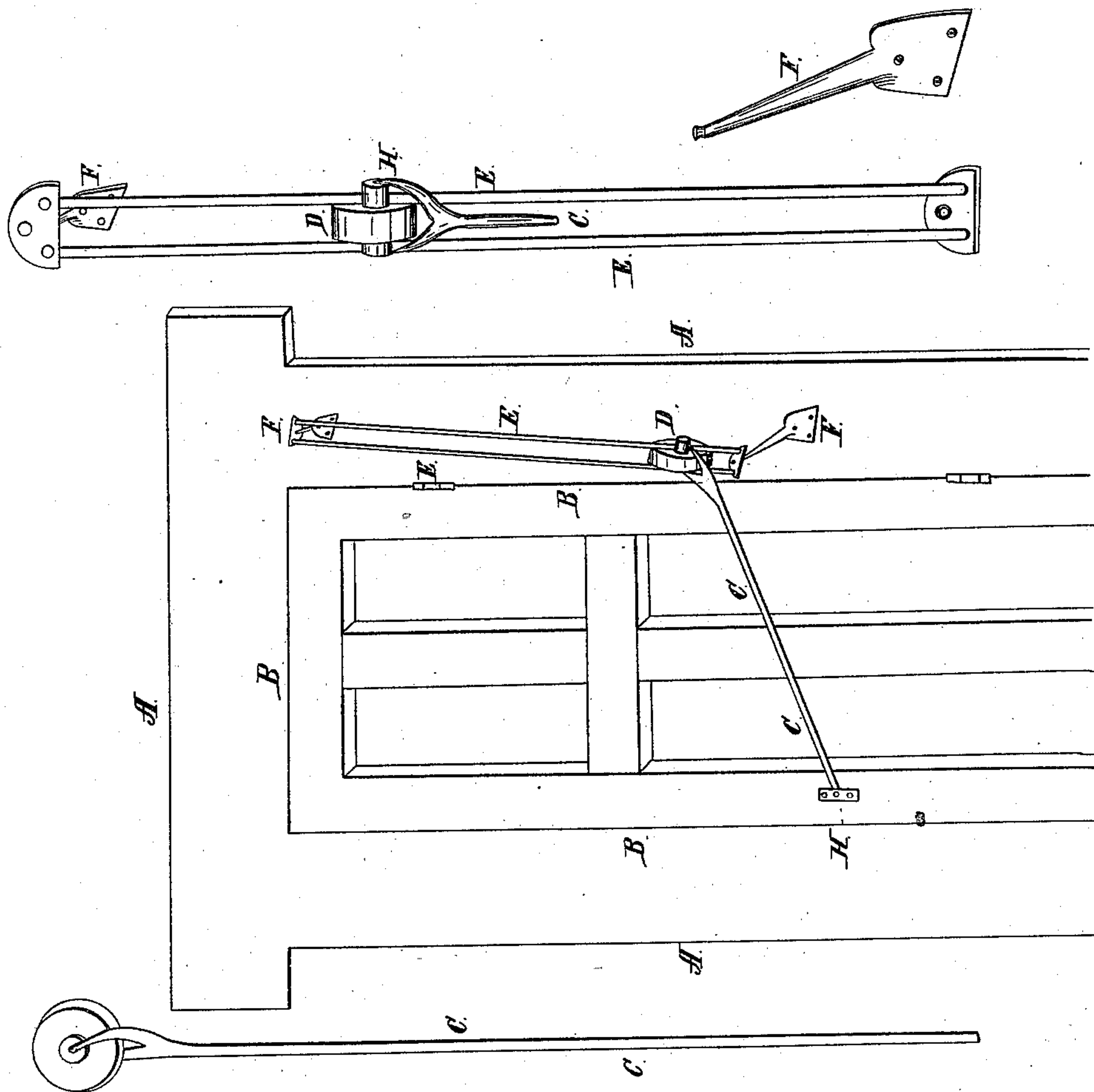


M. T. Cooper,
Door Spring
N^o 8,855. *Patented Apr. 6, 1852.*



Inventor.
Marshall J. Cooper

UNITED STATES PATENT OFFICE.

M. T. COOPER, OF BALLSTON SPA, NEW YORK.

APPARATUS FOR CLOSING DOORS.

Specification of Letters Patent No. 8,855, dated April 6, 1852.

To all whom it may concern:

Be it known that I, MINARD THURSTON COOPER, of Ballston Spa, in the county of Saratoga and State of New York, have invented a new and Improved Mode of Closing Doors with or without the Use of a Catch; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in a bar with one end attached to the door as at H, and the other end being a forked end. A roller (as at *d*) is placed between the fork and by opening the door *b* the roller is made to move up the rail way E. The rail way E, is fastened at each extremity on a pivot (*f*) and consequently turns as the door opens, and the weight of the roller (*d*) running down the rail way E, produces a pressure which closes the door. The upper pivot (*f*) being nearer the casement of the door than the lower pivot it naturally causes the door to shut tight and remain so until

occasion requires it to be opened when a mere push from the hand or foot will push it ajar. The roller (*d*) may be made to move up one track of the rail way though not with the same readiness as upon two as the less the space between the tracks the greater the pressure. The same may be made from wood, iron, or any metal and used upon gates as well as upon doors.

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

The combination of the heavy roller upon a vibrating arm with the turning rail way or inclined plane the former attached to the door and the latter to the casing and the whole operating substantially in the manner and for the purpose herein described.

MINARD THURSTON COOPER.

Witnesses:

A. MEEKER.

C. W. MEEKER.