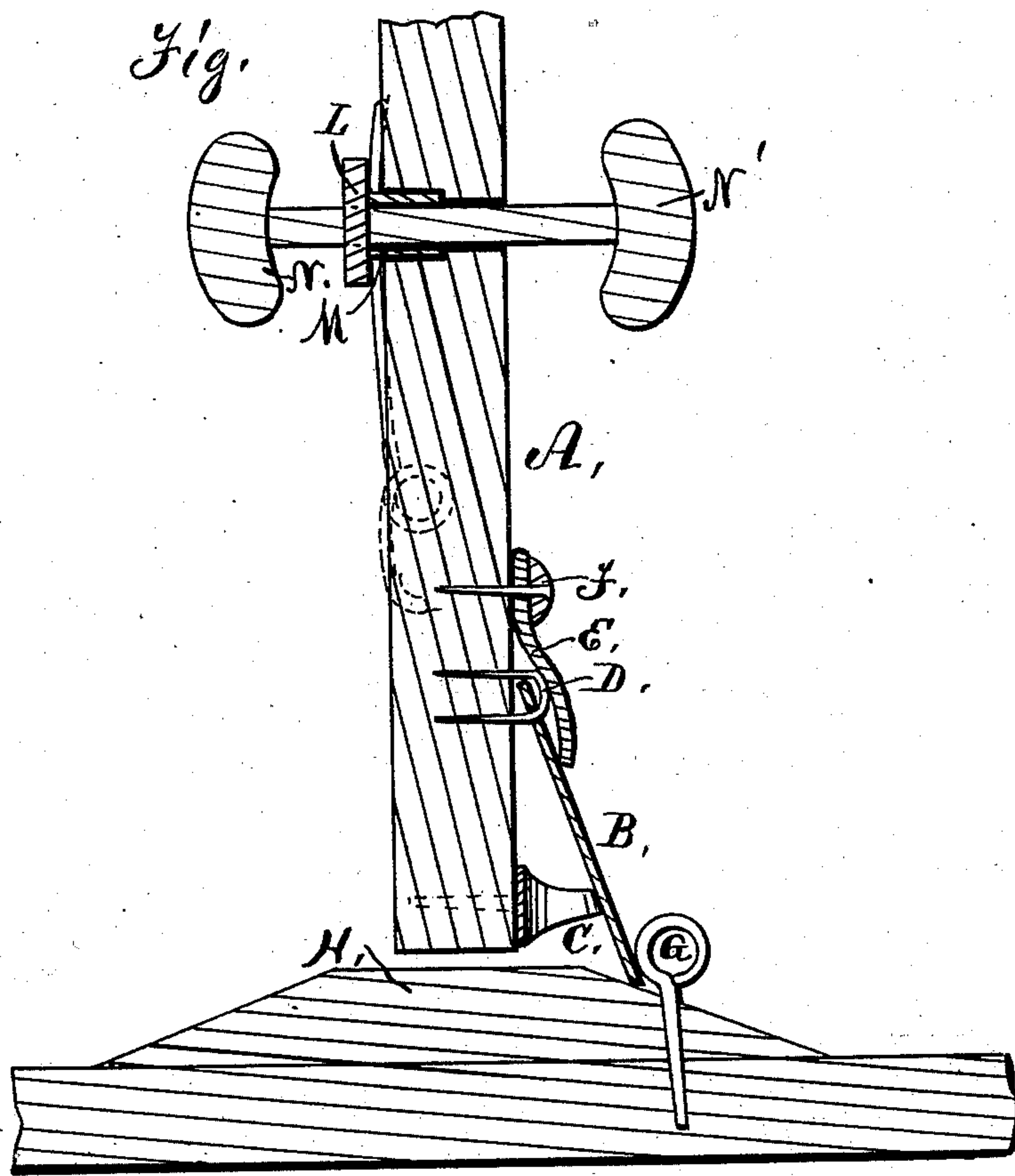


J. T. WESTBROOK.
Weather-Strip.

No. 225,033.

Patented Mar. 2, 1880.



Witnesses:
A. Holland
R. H. Sherman

Inventor:
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Attorney.

UNITED STATES PATENT OFFICE.

JAMES T. WESTBROOK, OF BASCO, ILLINOIS.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 225,033, dated March 2, 1880.

Application filed April 19, 1879.

To all whom it may concern:

Be it known that I, JAMES T. WESTBROOK, of Basco, Hancock county, Illinois, have invented a new and useful Improvement in Doors, which is made and used substantially as set forth hereinafter, referring to the drawing accompanying, in which the figure is a cross-section of the improved parts.

This invention consists in certain improved parts and features in doors, designed to adapt them to prevent the ingress of water and wind, set forth hereinafter.

The door A has a metal plate, B, hinged near the bottom, so that it may move to or from the door at its bottom edge. This is held up by a spring, C, beneath it at the inner side of the door, and bent to bear outward on plate B, to push it up and outward. The plate B is hung by holders D across the door. Above plate B is rubber or flexible strip E, to cover the junction of the plate against rain. This is held by means of strip F nailed through it to the door-shutter.

The threshold H has an outward incline, on which a catch-pin or head, G, is set, as shown, on the outer side of door, near the hinge-jamb. This is set so the plate B will strike it and be forced back against the spring C, with its edge onto the sloping side of the threshold, to make

the joint tight. When the door is drawn back the plate is released, and spring C forces it up so as to clear the threshold and floor and turn freely. The flexible strip E permits the plate B to rise and fall freely and cover the joint securely.

The latch L has some degree of side motion, and has a spring, M, behind it, forcing it outward. When the door is shut this keeps a constant pressure on the latch-catch to keep the shutter pressed tight into its seat, to prevent rattling and looseness of door and hold it tight against wind. It counteracts the spring C and keeps plate B close in place. The door-handles are so fixed to the latch that it can be pushed into its seat against the spring.

I claim—

1. In a door, the combination of plate B, spring C, catch G, drip E, latch L, and spring M, substantially as set forth.

2. In combination with a weather-strip adapted to be held down by a stop, the latch L, provided with spring M, whereby both strip and door are held steadily to place, as and for the purpose set forth.

JAMES T. WESTBROOK.

Witnesses:

SAML. J. WALLACE,
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