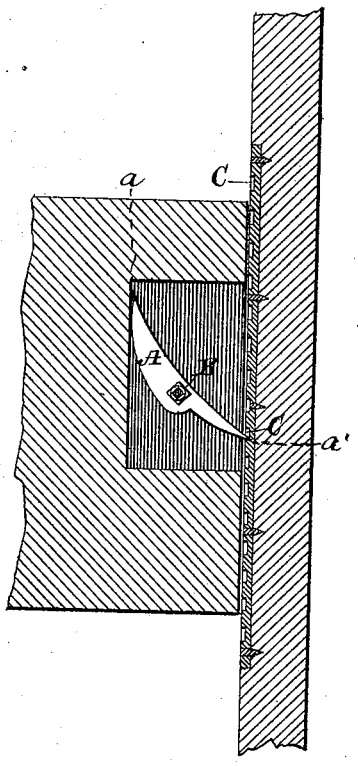
J. G. BEECHER.
Sash-Fastener.

No. 201,383. Patented March 19, 1878.



Attest.

Peter L. Burlingame

Edwin A. Burlingame.

Inventor.

James G. Beecher

UNITED STATES PATENT OFFICE.

JAMES G. BEECHER, OF GRAND RAPIDS, ASSIGNOR OF ONE-HALF HIS RIGHT TO CAROLINE C. BOWLING, OF MARSHALL, MICHIGAN.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **201,383**, dated March 19, 1878; application filed August 17, 1877.

To all whom it may concern:

Be it known that I, JAMES G. BEECHER, of the city of Grand Rapids, county of Kent, and State of Michigan, have invented a new and useful Catch and Lock for Windows, which invention is fully set forth in the following specification, reference being had to the accompanying drawing.

This invention relates to improvements in the class of sash-fasteners in which the side of the window-casing is provided with notches, in which a double-ended pivoted catch-bolt or latch secured in a mortise of the window-sash catches, for locking the window in any desired position; and the invention consists in the combination, with a window-casing provided with suitable notches, of a double-ended catch-bolt or vibrating latch, pivoted below its center of gravity within a mortise of the window-sash, whereby the weight of the catch-bolt or latch will hold either end thereof upon or in contact with the notches in the casing when thrown against them, all as hereinafter fully described and claimed.

In the drawing, A represents a catch-bolt or latch, having two points, *a a'*, one at either end, at an obtuse angle to each other, which latch is so pivoted to the window-sash (being in a mortise therein) by an arbor, B, which passes from the inside of the window-sash through a hole of proper size and shape in the catch-bolt or latch A, and into the wood on the outside of said mortise, as to form a bearing upon both sides of said latch. This latch A is placed far enough from the window-casing so that either end may, at pleasure, be thrown outward by turning arbor B, and will then catch in a series of notches, C, made either in the window-casing, or in a strip of metal or wood fastened thereon, thus holding the window up or down, as the case may be.

Arbor B passes through the catch-bolt or latch A at a point below the center of gravity thereof, so that the weight thereof holds either point upon notches C when thrown against them. Arbor B is held from coming out of the sash by being made larger where it passes through latch A than the hole in the casing through which it must be forced. The arbor B can be turned by any suitable device adapted for that purpose, in order to turn the pivoted catch-bolt or latch.

Notches C may be made so that any number of them shall slant upward or downward, thus holding the window in any desired position, (as when cords and weights are used, for instance;) or two such latches may be used, one on either side of window, and two corresponding series of notches, the one reversed to the other, thus holding the window both up and down at the same time, at any desired height.

I am aware that a double-ended catch-bolt or vibrating latch centrally pivoted in the window-casing, to operate in connection with notches in the window-sash, or the opposite, is old, and such I do not desire to claim, broadly, as my invention; but

I claim as my invention—

The combination, with a notched window-casing, of a double-ended catch-bolt or vibrating latch, A *a a'*, on arbor B, pivoted below its center of gravity, inserted in a mortise of the window-sash, and operated from without, whereby the weight of the catch-bolt or latch will hold either end thereof upon or in contact with the notches in the window-casing when thrown against them, substantially as herein shown and described.

JAMES G. BEECHER.

Witnesses:

PETER L. BURLINGAME,

EDWIN A. BURLINGAME.