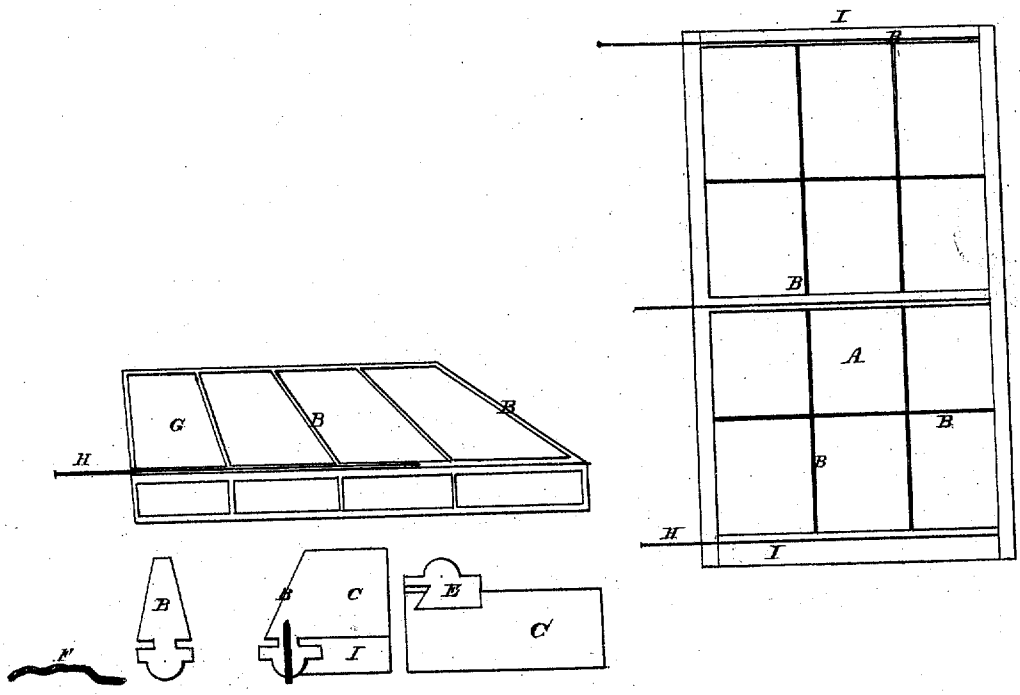
9612X

F. W. Whitley,

Window.

Patented Apr. 21. 1836.



A. Finished sash.
B. B. &c. Grooved bars in which the glass is set.
C. The end of the top and bottom rail.
E. Is a moving bar inserted in dovetailed rail.
F. Cotton or other wadding to make the bars air tight.
G. Horizontal sash or show case.
H. Sliding bar.
I. Shifting top and bottom rail to be used when the dovetailed bar E is not so advantageous.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

9612X

April 21, 1836

Thomas W. Whitley. Essex, New Jersey

Letters Patent.

The schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Thomas W. Whitley himself of his "improvement in making dashes and glass cases."

To all to whom these presents shall come.

Be it known that I, Thomas W. Whitley of the Township of Paterson County of Essex and State of New-Jersey, have invented a new and useful improvement in the manufacture of dashes and glass cases, and the following is a true and exact description of the said improvement invented by me, to the drawing accompanying this specification. A is a finished dash. B.B.B.B are grooved bars into which the glass is put. C.C are undersides of the bottom and top rails of the improved dash through which in the dovetail groove a sliding bar G is made to slide or take out to admit the glass and then close again. H is a bit of board tin or other material to be inserted in the groove to make the glass air tight. I is a dash or show-case frame horizontally placed, constructed in like manner to the perpendicular dash. J. K is a representation of the sliding or lifting bars partly drawn out to show in what manner the glass is introduced into the dash. L is a shifting or portable top and bottom bar to be used when the dovetailed bar is not so admissible.

What I claim as my own invention and not previously known is the slide and double rail at the top and bottom of the dash and the insertion of a cotton or linen thread between the wood and glass to make it air tight.

Witnesses
Elisha B. Clark
Henry Whitley

Thomas W. Whitley