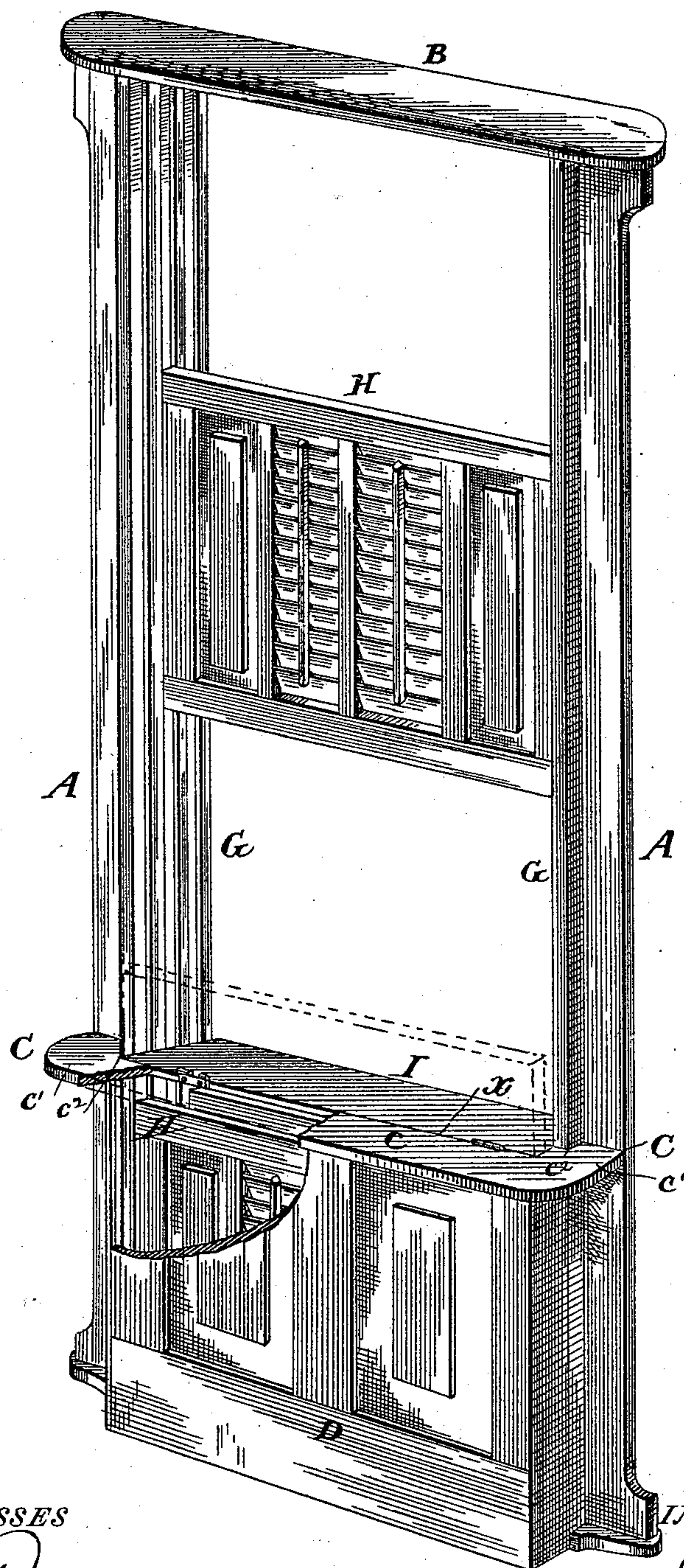


(No Model.)

J. B. HARTMAN.  
WINDOW FRAME.

No. 455,205.

Patented June 30, 1891.



WITNESSES

*Wm T. Robertson*  
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Attorney



# UNITED STATES PATENT OFFICE.

JACOB B. HARTMAN, OF WOOSTER, OHIO.

## WINDOW-FRAME.

SPECIFICATION forming part of Letters Patent No. 455,205, dated June 30, 1891.

Application filed July 31, 1889. Serial No. 319,252. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB B. HARTMAN, of Wooster, in the county of Wayne and State of Ohio, have invented certain new and useful  
5 Improvements in Window-Frames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

10 My invention relates to the construction of window-frames of the class adapted to receive sliding blinds; and the invention is designed as an improvement upon the construction shown in Letters Patent No. 360,523, issued to  
15 me April 5, 1887.

My present improvement consists in the combination, with a window-frame and grooved guideways secured therein, of a boxing or housing and a special construction of window-  
20 sill, as hereinafter fully described, whereby the grooved guide-strips are firmly braced, and whereby is provided a convenient shelf and a hinged cover to conceal the blind-sections within the housing.

25 The accompanying drawing shows my improved window-frame in perspective.

A A indicate the sides, and B the top of the frame.

D indicates a housing, boxing, or pocket  
30 arranged at the lower end of the frame, and G G are oppositely-arranged grooved guide-strips, between which any desired number of sliding blind-sections H are supported.

C represents my improved form of sill, consisting of the inwardly-projecting portion, which constitutes a shelf *c*, the recessed end  
35 portions *c'*, which embrace the inwardly-projecting portions of the guide-strips G G, and the cover I, hinged to the shelf *c* and adapted  
40 to fit between the guide-strips to cover the

housing D. The sill C is formed with an angular recess *c*<sup>2</sup> at each end *c'* to receive the guide-strips, as shown, and said ends *c'* serve to firmly brace and re-enforce the guide-strips and prevent their springing laterally. 45

The inwardly-projecting shelf serves as a convenient rest for ornaments, plants, &c., and the lid I may be easily raised or lowered without necessitating the removal of the articles resting on the shelf. The ends *c'*, in addition  
50 to their function as embracing supports, constitute convenient end brackets to receive flowers or other ornaments.

By providing the side braces for the guide-strips G G, I am enabled to use a lighter frame  
55 A, as the latter need not be of the full width of the guide-strips, but may be made of narrow light material, allowing the guide-strips to project inwardly beyond the frame, as shown. 60

I make no claim, broadly, to a housing or pocket to conceal the sliding blind-sections nor to a hinged cover for such pockets; but

I claim—

The combination, with a window-frame and  
65 a housing or pocket D, of grooved guide-strips secured to the frame and extending down within the pocket and projecting inwardly beyond the frame, and a sill C, provided with a hinged cover I, a shelf portion *c*, and with re-  
70 cessed ends *c'*, which embrace the projecting guide-strips, substantially as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscrib-  
75 ing witnesses.

JACOB B. HARTMAN.

Witnesses:

DURBIN METZ,  
ELI ZWIMY.