(No Model.)

O. PIERSON & A. H. HILL.

Blind Slat Adjuster.

No. 238,309. **Patented March 1, 1881.**

Fig. 1.

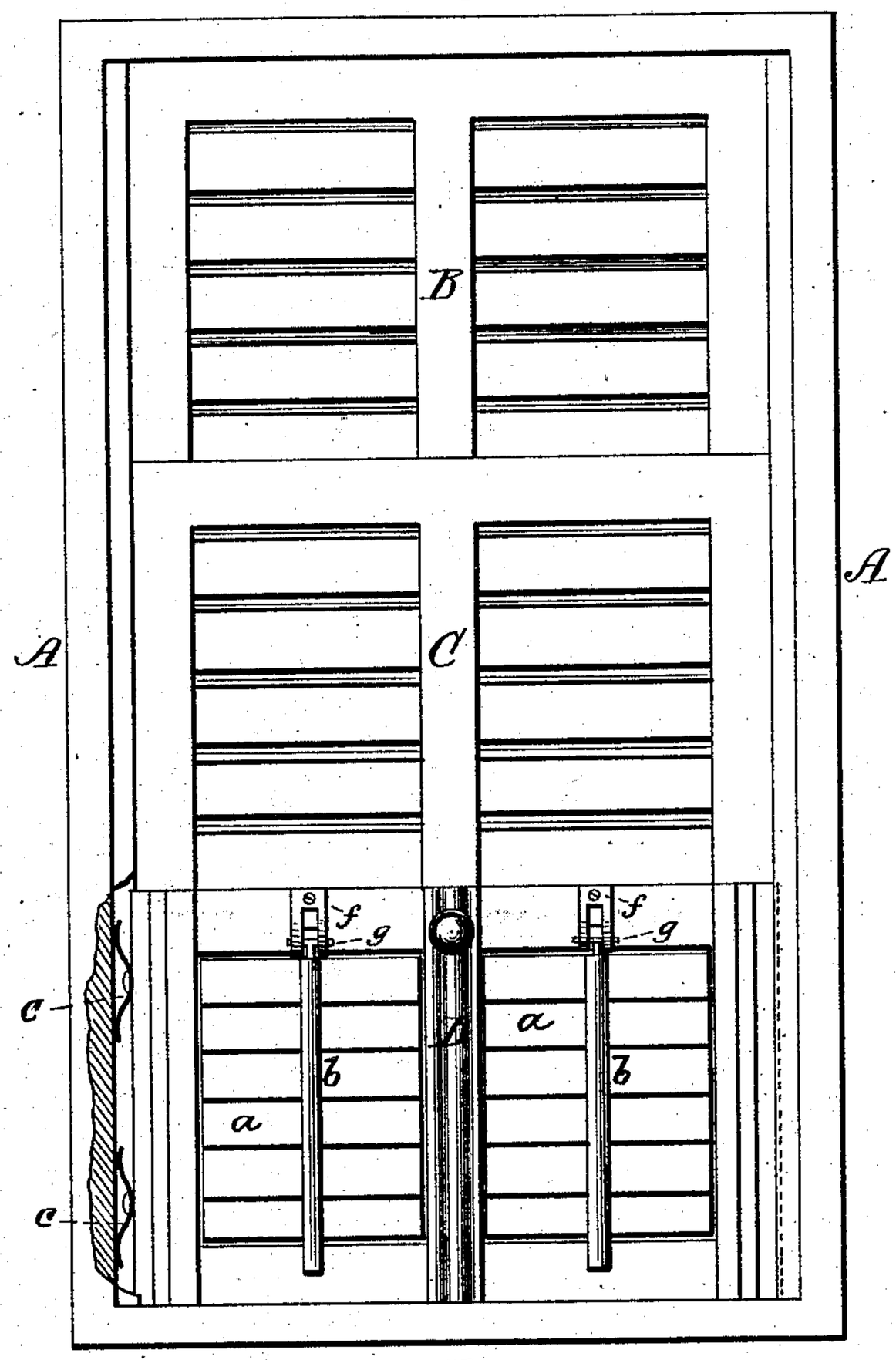


Fig. 2.

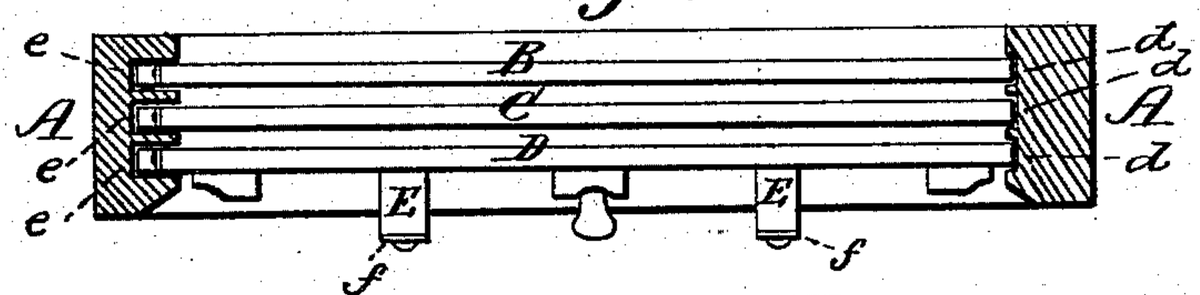
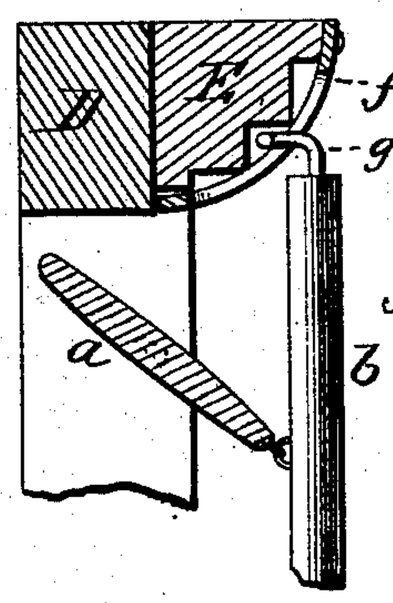


Fig. 3.



Witnesses:
H. C. Smith Arthur
Geo. R. Porter

Inventors
Oliver Pierson.
Alexander H. Hill.
per Chas. H. Fowler.
Attorney.

UNITED STATES PATENT OFFICE.

OLIVER PIERSON AND ALEXANDER H. HILL, OF OSKALOOSA, IOWA.

BLIND-SLAT ADJUSTER.

SPECIFICATION forming part of Letters Patent No. 238,309, dated March 1, 1881.

Application filed October 18, 1880. (No model.)

To all whom it may concern:

Be it known that we, OLIVER PIERSON and ALEXANDER H. HILL, citizens of the United States, residing at Oskaloosa, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Means for Adjusting the Pivoted Slats of Window-Blinds; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a front elevation of our invention; Fig. 2, a cross-section taken through the top of the window-frame, and Fig. 3 a detail view of the rod connected to the movable slats and the device for holding the slats closed or opened.

This invention has relation to certain new and useful improvements in means for adjusting the pivoted slats of inside window-blinds; and the object thereof is to insure the slats being closed or opened to any desired degree and securely held there. This object I attain by the construction and combination of devices illustrated in the drawings and hereinafter described.

In the accompanying drawings, A represents the usual window-frame, having separately-moving blind-sections B C D, held in grooves *d e* in the frame by springs *c*, so that said sections may be removed and replaced when desired. This form of window-frame and independently-movable blind-sections form no part of our invention, but are simply shown as that class of inside window-blinds to which the device for adjusting the pivoted slats thereof is best adapted, the lower one of the blind-sections being that shown with pivoted or movable slats.

To the top cross-piece of the blind-section D is secured a stepped block, E, having connected at its upper end a slotted spring-plate, *f*, the lower end of said plate being disconnected from the block, so as to give the plate the required degree of elasticity and play.

The ends of the rods *b* have a wire, *g*, which is located between the block and spring-plate, the latter confining the wire shank *g* at a point on any one of the steps of the block, which will hold the slats either closed or opened, as the case may be. For instance, when the blind is desired to be opened its full extent the rod *b* is forced up, the wire shank *g* pressing out the spring-plate *f* to admit the passage of the shank between it and the point of the upper step, after which the plate will spring back against it and prevent the rod *b* from falling back or the slats from being closed from the outside by malicious persons.

We are aware that it is old to provide the rod at its lower end with a lever-frame or wire catch for engaging with notches upon a rack-bar secured to the lower part of the blind-frame and held at the position placed by a spring acting against a plate, whereby the slats can be held closed or opened at any desired distance. We do not, therefore, desire to be understood as claiming such construction; but,

Having fully described our invention, what we do claim as new, and desire to secure by Letters Patent, is—

In a window-blind, the combination, with the pivoted or movable slats *a* and rod *b*, having wire shank *g*, of the stepped block E, having connected thereto slotted spring-plate *f*, substantially as and for the purpose set forth.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

OLIVER PIERSON.
ALEX. H. HILL.

Witnesses:
C. P. SEARLE,
JAMES RÜAN.