(No Model.)

G. P. GEE.

WINDOW BLIND.

No. 264,275. Patented Sept. 12, 1882.

Fig. 1.

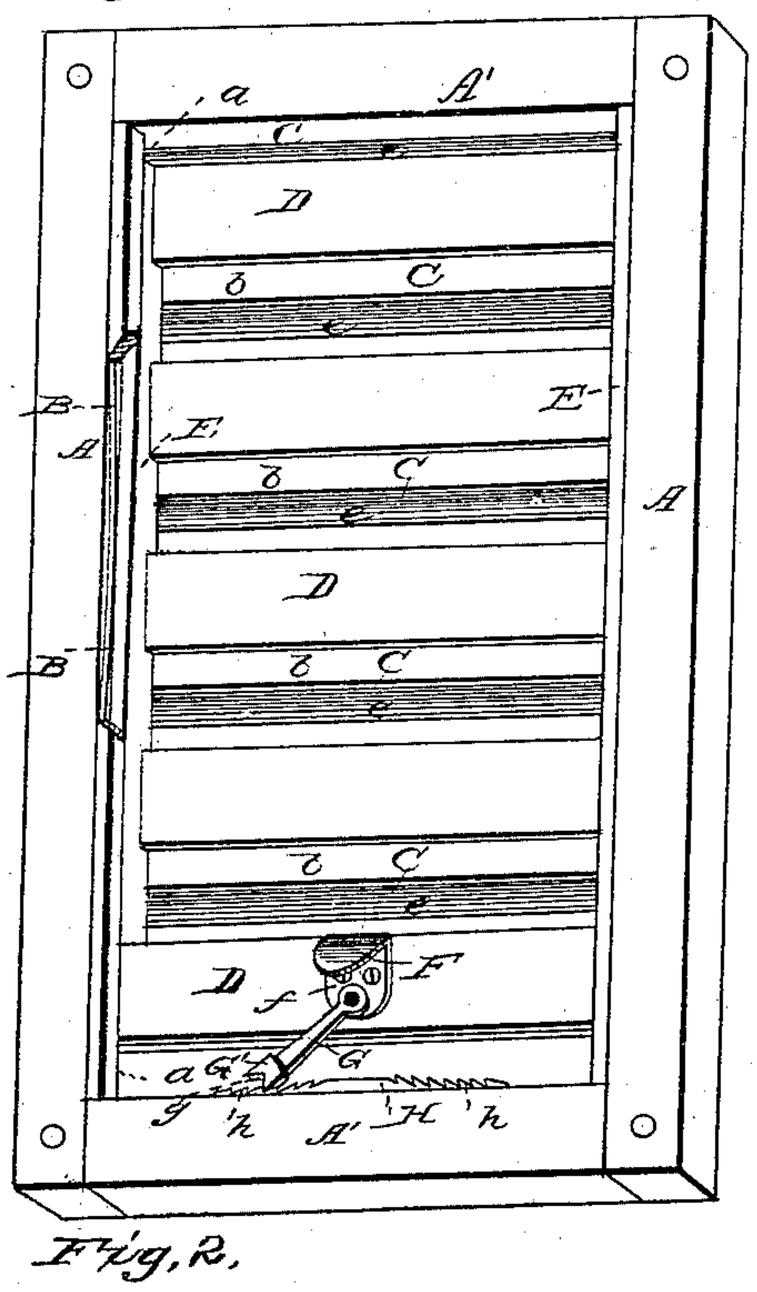


Fig. 2.

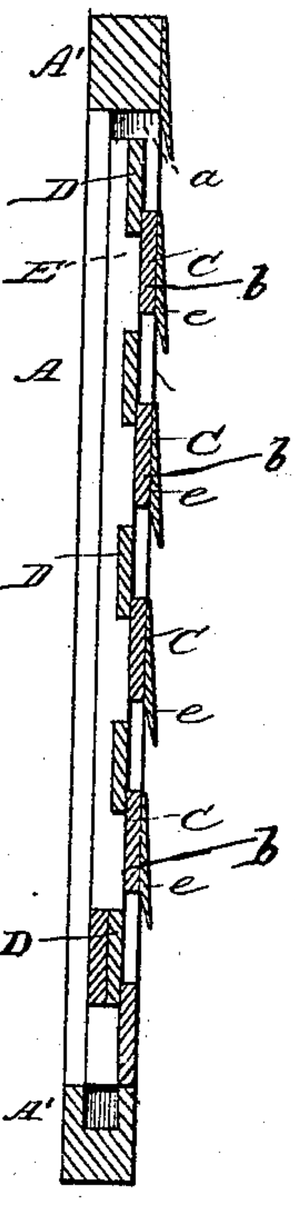


Fig. 3.

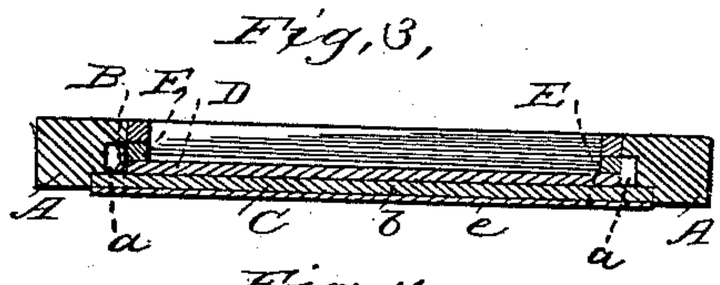
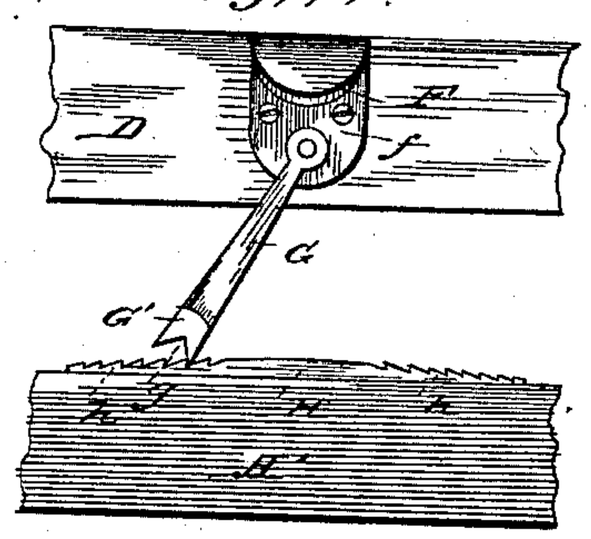


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE P. GEE, OF ROCHESTER, NEW YORK.

WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 264,275, dated September 12, 1882.

Application filed May 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE P. GEE, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Window-Blinds; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective inside view of my improved window-blind, part of one of the stiles being broken away to show the inside friction-spring. Fig. 2 is a longitudinal cross-section of the same. Fig. 3 is a transverse or horizontal cross-section, and Fig. 4 is a detail view of the self-acting fastener.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates certain improvements in window-blinds, which will be hereinafter more fully described and claimed.

In the accompanying drawings, A′ A′ represent the top and bottom bars, and A A represent the sides or stiles of the blind-frame, which are grooved longitudinally, as shown at *a a*, a bulging spring, B, being inserted into one of the grooves, if desired. C C are the stationary slats, each one of which consists of a flat body, *b*, with a flaring lip, *e;* and D D are the sliding slats, which are fixed in side pieces, E E, that slide in the grooves *a*. Spring B, when used by bearing with its bulging part against one of the sides E, furnishes the requisite friction, when required, to hold the sliding frame, with its slats, in its adjusted position.

Upon the inside of the lowermost slat D is fastened by screws or otherwise a thumb-bracket, F, on the plate *f* of which is pivoted the latch G, the lower end of which has a weighted head, G′, provided with a notch, *g*.

On the bottom cross-bar A′ of the fixed frame is fastened a metallic plate, H, the sides of which form notched and sloping steps *h h*, adapted to engage with the notched latch G G′. By changing the angle of this latch the position of the sliding slat-frame D E may be adjusted so as to let in more or less light and air, the blind being closed when latch G G′ assumes a vertical position upon plate H.

The advantages of this blind are that it can be so adjusted as to effectually shut out all light and sun when desired. In winter it will add very materially to the warmth and comfort of the house, by excluding cold air, when used for outside purposes, and at the same time it makes a very strong and durable blind, for the reason that every alternate slat operates as a brace for the stile or frame; nor is there any limit to the width of the slat used.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, in a window-blind, of the frame consisting of the longitudinally-grooved stiles A A, end bars A′ A′, and slats C, sliding frame consisting of the parallel side pieces, E E, and slats D, and fastening device consisting of the pivoted latch G, having notched head G′, and plate, H, having notched steps *h h*, all constructed and combined substantially in the manner and for the purpose herein shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

GEORGE PHILIP GEE.

Witnesses:
C. WILLIAMS,
THOMAS E. WHITE.