

G. H. Dimond,

Blind Stop

N^o 68,967.

Patented Sep. 17, 1867.

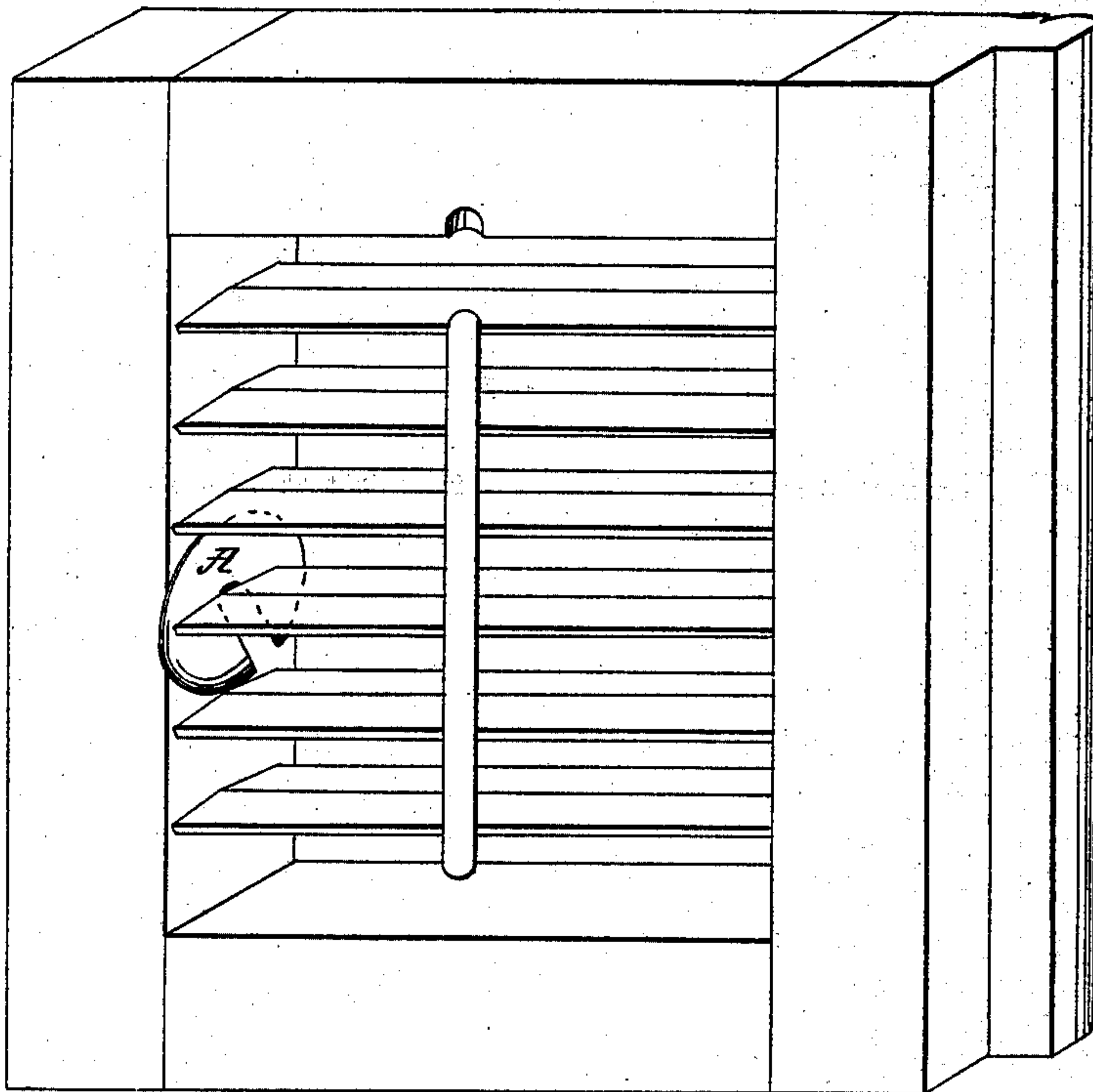


Fig. 1

Fig. 2.

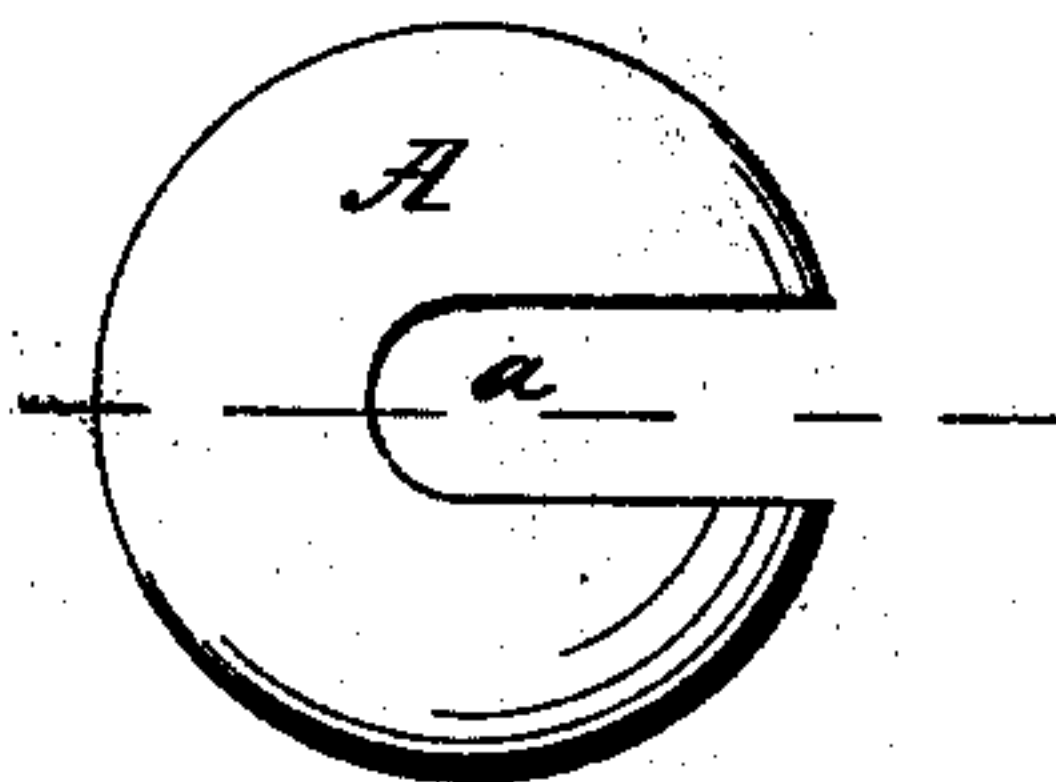
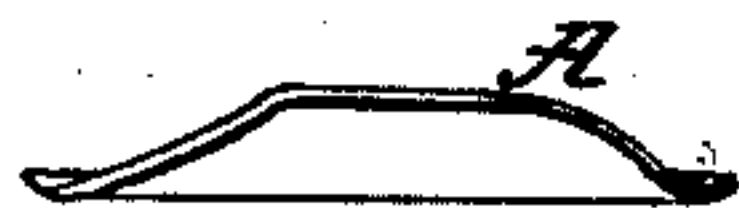


Fig. 3.



Witnesses:

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Inventor:

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by his atty
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United States Patent Office.

GEORGE H. DIMOND, OF BRIDGEPORT, CONNECTICUT.

Letters Patent No. 68,967, dated September 17, 1867.

IMPROVED SPRINGS FOR FASTENING BLIND-SLATS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GEORGE H. DIMOND, of Bridgeport, in the county of Fairfield, and State of Connecticut, have invented a new and useful Improvement in Friction-Springs for Slats or Blinds, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 represents a view in perspective of a shutter with turning-slats, to which my invention is applied.

Figure 2 is a top view of the spring, and

Figure 3 a section through the same.

In the inside shutter, now so commonly used, having turning-slats, much annoyance is occasioned by the slats turning on their pivots, owing to the weight of the rod which connects them to each other, and thus admitting more light than is desirable for comfort.

It is the object of my invention to retain turning-slats in any desired position, and to this end my improvement consists in the use of a concavo-convex discoidal-shaped spring, having a slot extending from its circumference to its centre in order that it may slip over the pivot of the slat, between the end of the slat and the frame, and thus lock the slats in any desired position.

In the accompanying drawings, a concavo-convex disk, A, which may be stamped or cut from any suitable metal, is shown as provided with a slot, *a*, extending from its circumference to its centre. This spring is inserted edgewise between the end of one of the slats and the frame, with its concave side towards the frame, its slot enabling it to embrace the pivot of the slat. The pressure caused by the elasticity of the disk holds the slat at any angle at which it may be turned, and as all the slats of a panel are connected with the same bar, one spring is sufficient to hold them all in position.

As the disk can readily be used in connection with the ordinary blinds without altering them, its advantages are obvious.

What I claim as my invention, and desire to secure by Letters Patent, is—

A slotted concavo-convex discoidal-shaped spring, constructed substantially as described, for the purpose of locking turning-slats in position, as set forth.

In testimony whereof I have hereunto subscribed my name.

GEORGE H. DIMOND.

Witnesses:

GEORGE C. BISHOP,

JAMES A. HOUSE.