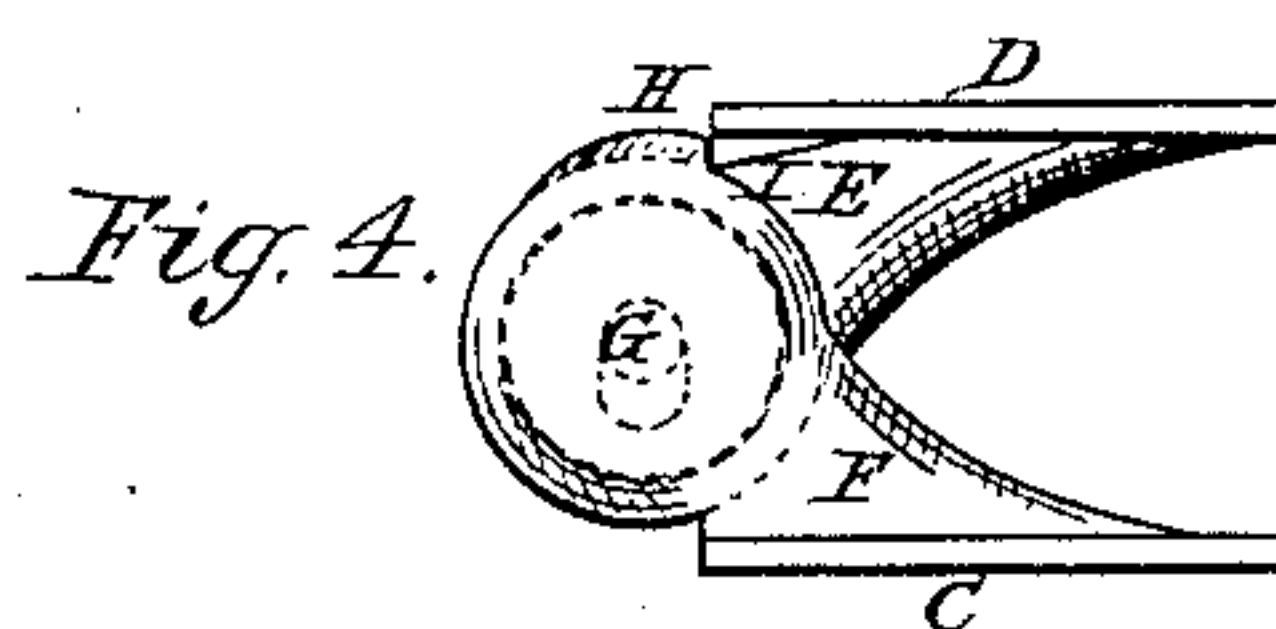
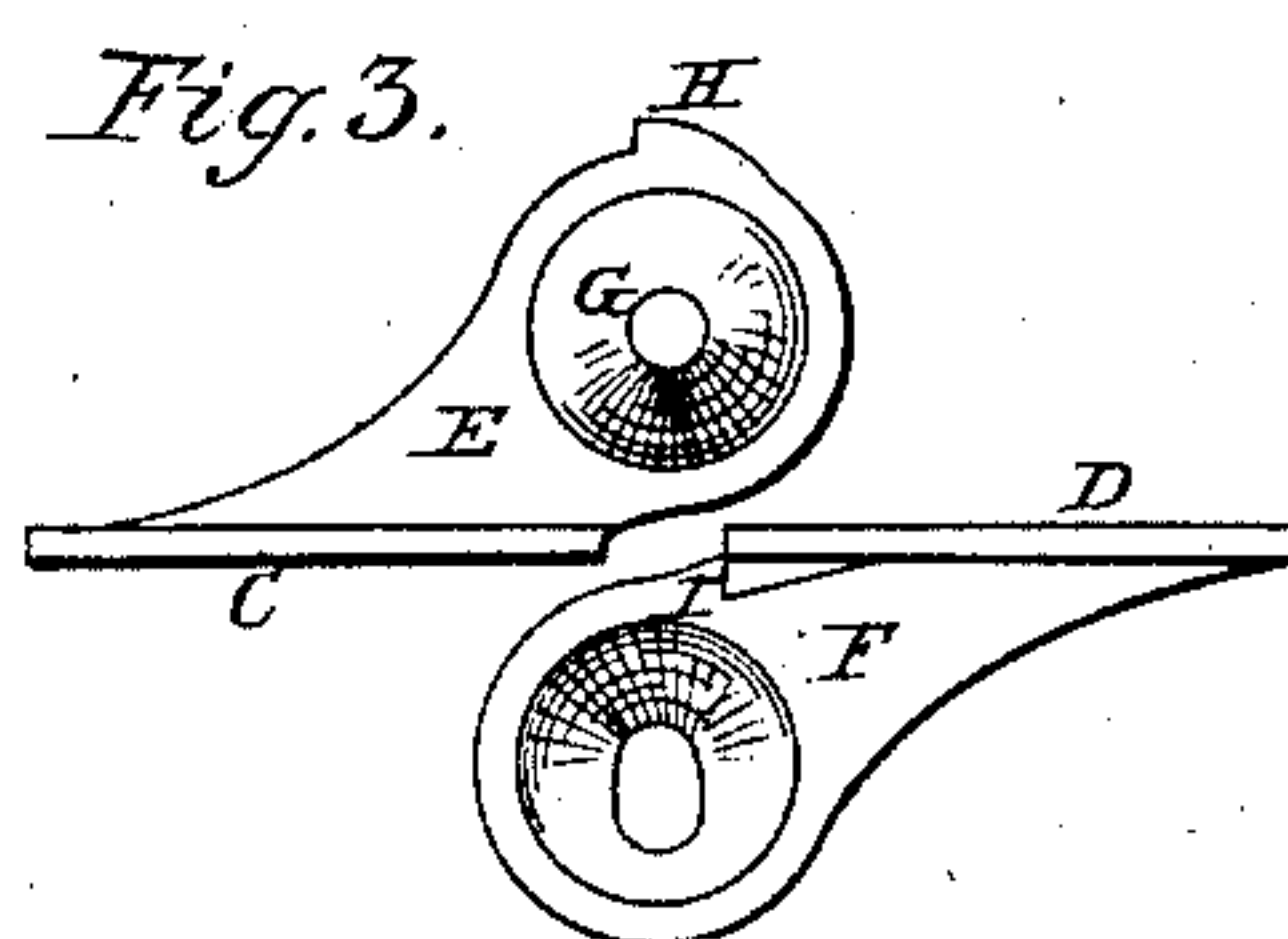
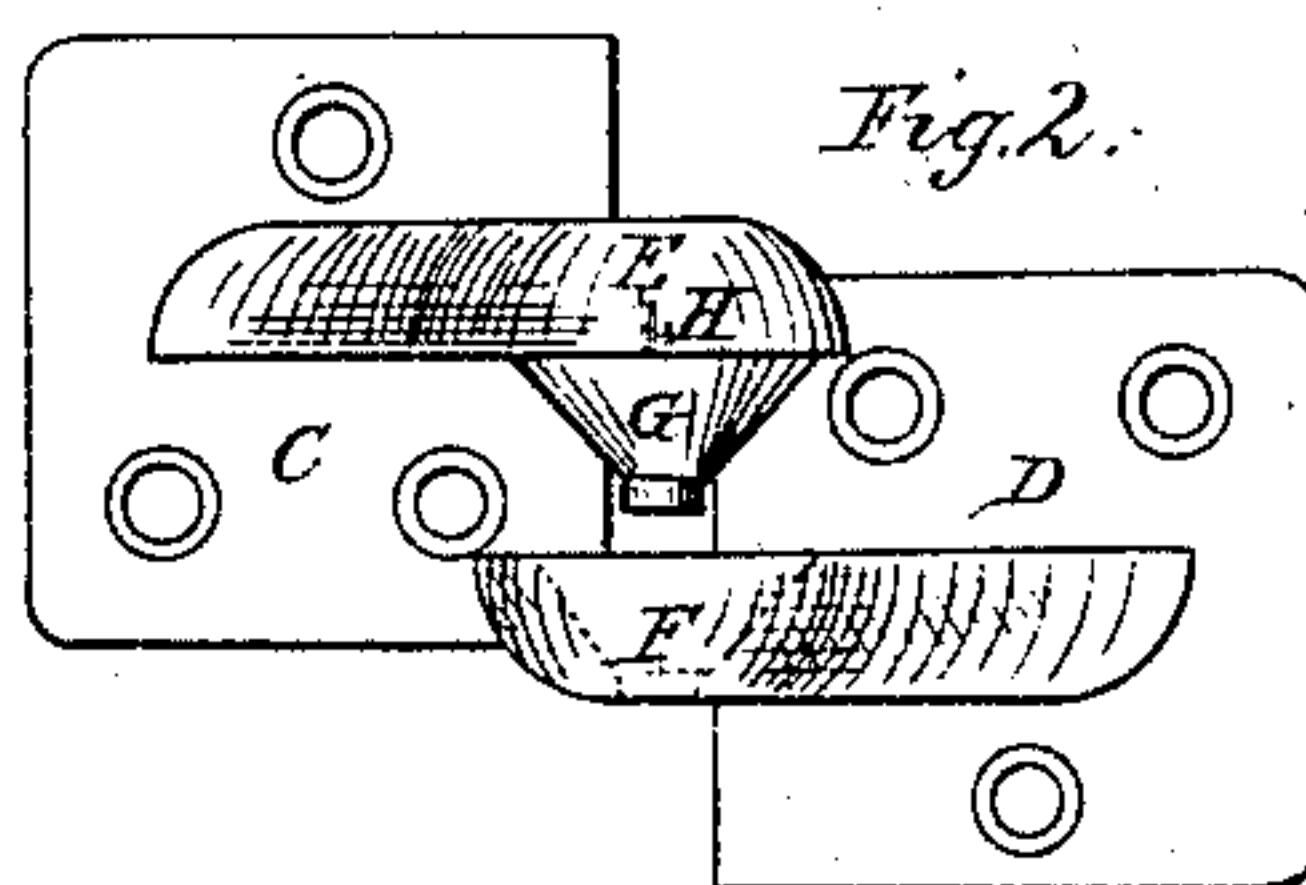
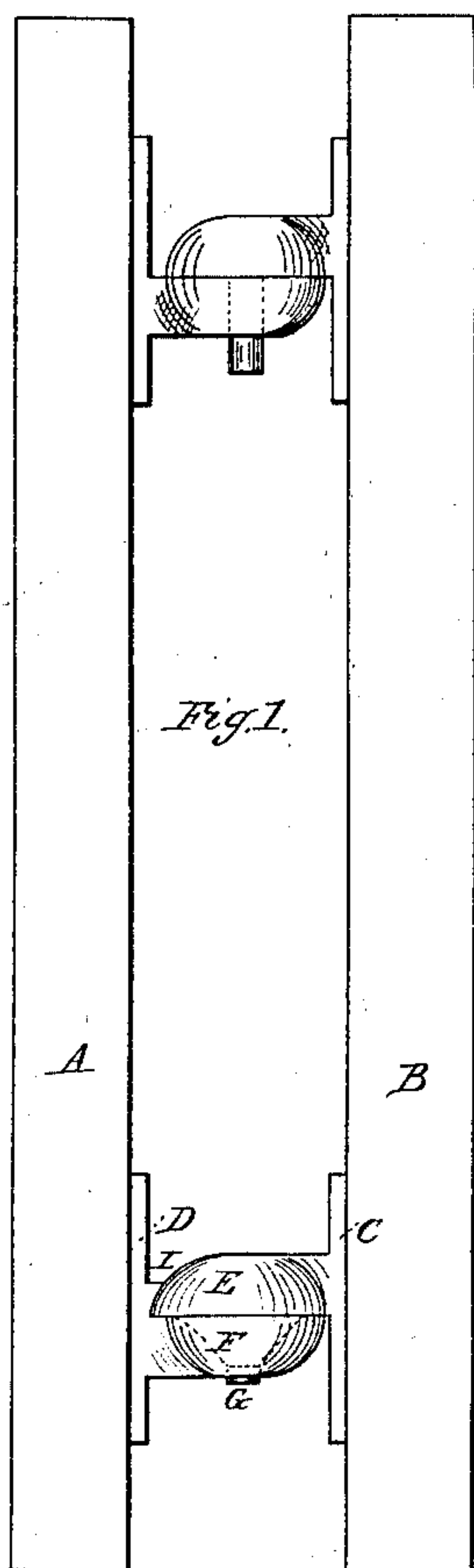


R. B. Prindle,

Lock Hinge,

Nº 82,245.

Patented Sep. 15, 1868.



Witnesses.

A. Schunk
J. R. Hopkins

Inventor.

R. B. Prindle
by Prindle and Co. Attys.

United States Patent Office.

R. B. PRINDLE, OF NORWICH, NEW YORK.

Letters Patent No. 82,245, dated September 5, 1868.

IMPROVEMENT IN BLIND-HINGE.

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, R. B. PRINDLE, of Norwich, in the county of Chenango, and in the State of New York, have invented an Improved Self-Locking-Hinge for Blinds; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is an edge view of the blind open.

Figure 2 shows the hinge with the parts detached.

Figure 3 shows the bearing-surfaces of the hinge.

Figure 4 is a top view of the hinge open.

My invention belongs to the class of hinges that are self-locking when opened.

In the annexed drawings, A represents the window-frame, and B the blind, to which the leaves C and D are fastened in the usual manner.

Projecting from each leaf, at a right angle, or in a horizontal plane, are circular-shaped disks or shoulder-plates, E and F, to the upper of which is attached the pin G, which is provided with a conical bearing, fitting into a corresponding seat in the lower disk, F.

Upon the outer side of the disk E is a shoulder, H, formed by a scroll-shaped increase in its diameter, which, when the blind is open, engages a projection, I, upon the leaf D, firmly locking the hinge.

The operation of this hinge is as follows, viz:

When the blind is opened, the scroll strikes against the projection I, pressing the disk E outward, and raising the blind by the conical bearing upon the pin G, until the shoulder H has passed the projection I, when the weight of the blind closes the hinge, engaging the shoulder H and projection I, fastening the blind open.

To close the blind, the bottom is pressed outward until the shoulder H is released, when it can be readily shut. The hole in the lower disk F is sufficiently elongated to allow the upper disk, E, to be moved outward as far as is necessary.

The upper hinge is constructed in any manner that will allow the blind to rise as much as is required.

The advantages claimed for this hinge over all others in use are, that it is more easy to operate, stronger, more durable, and being simple in construction, can be furnished at less cost.

Having thus fully set forth the merits of my improvement, what I claim as my invention, and desire to secure by Letters Patent, is—

A self-locking blind-hinge, formed by combining the pin G with its conical base, and a corresponding seat in the disk F, with the shoulder H, engaging the leaf D, in the manner and for the purpose substantially as herein shown and described.

In testimony that I claim the foregoing, I have hereunto set my hand, this 10th day of February, 1868.

R. B. PRINDLE.

Witnesses:

E. H. PRINDLE,

G. W. RAY.