

W.L. Barnes,
Lock Hinge,
No 38,876, Patented June 16, 1863.

Fig. 1

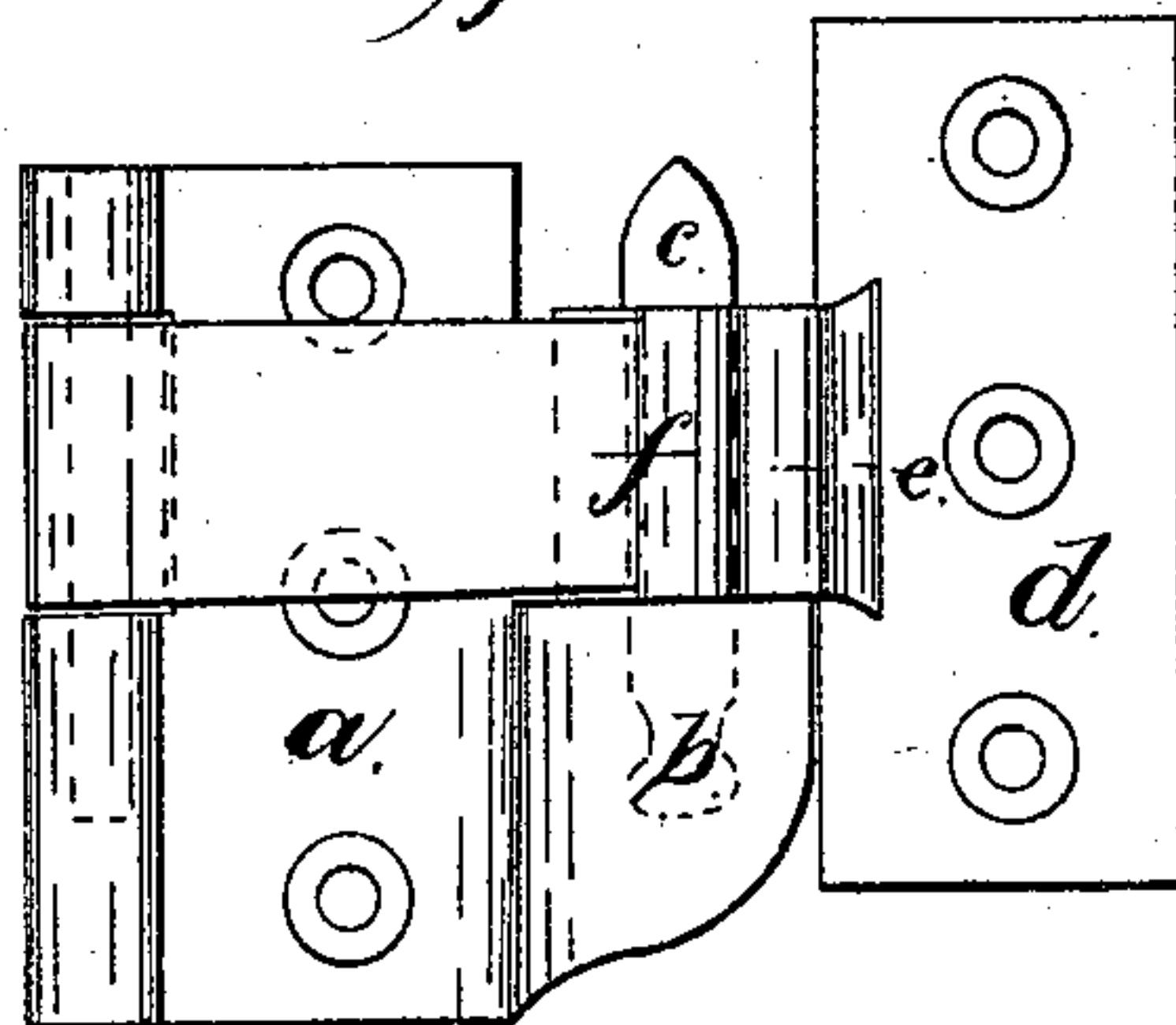


Fig. 2

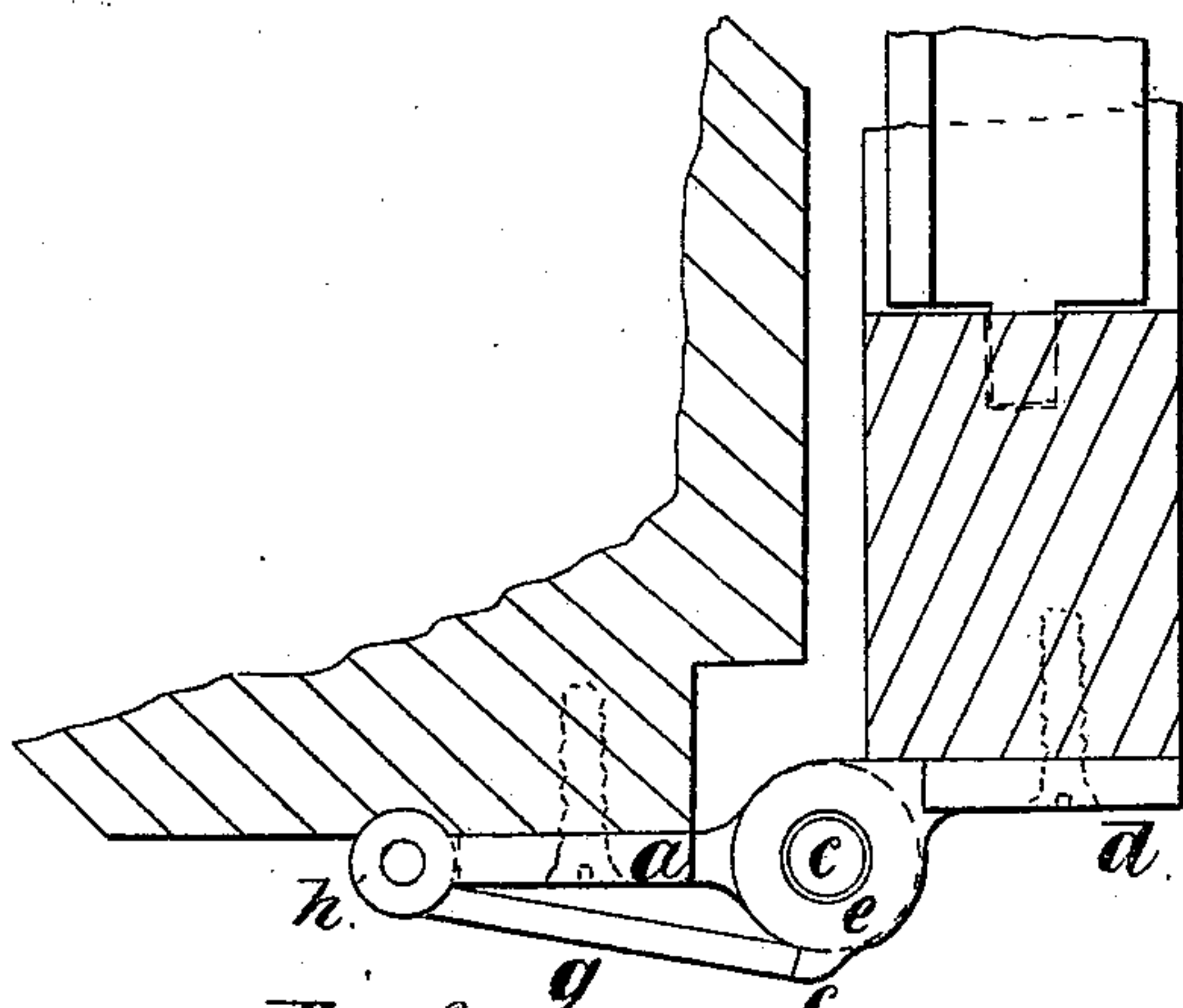
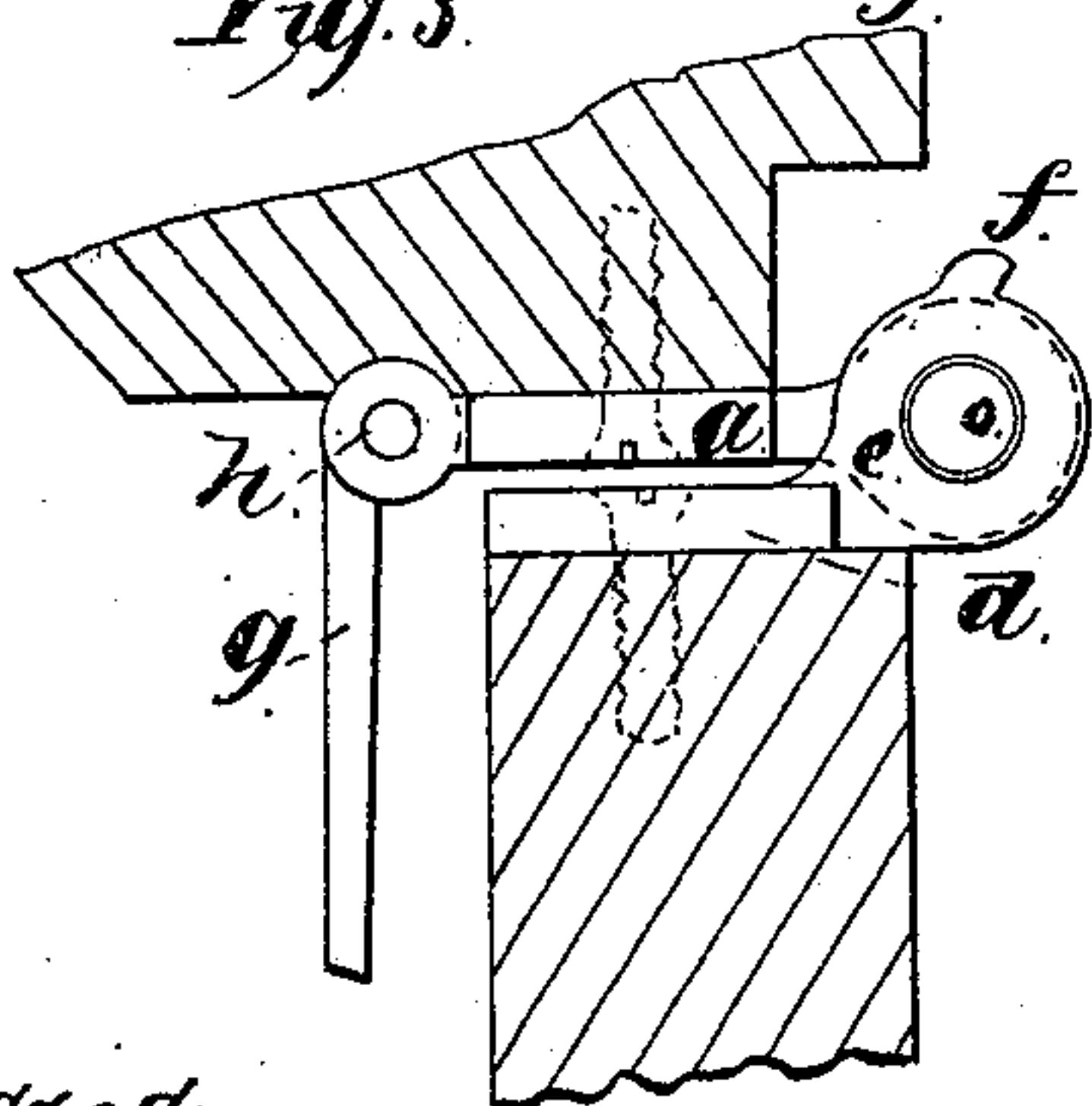


Fig. 3



Witnesses:
B. H. Hill.
David Morris.

Inventor:
William Lewis Barnes.

UNITED STATES PATENT OFFICE.

WILLIAM L. BARNES, OF KINGSTON, NEW YORK.

IMPROVED HINGE FOR BLINDS.

Specification forming part of Letters Patent No. 38,876, dated June 16, 1863.

To all whom it may concern:

Be it known that I, WILLIAM L. BARNES, of Kingston, in the county of Ulster and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Hinges for Blinds, &c.; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a side elevation of my improved hinge. Fig. 2 is a plan of the same as with the blind open, and Fig. 3 is a plan of the same as with the blind closed.

Similar marks of reference denote the same parts.

The nature of my said invention consists in a swinging blocking-piece taking a projection on the moving eye or joint of the hinge to render said joint rigid, and thereby hold a blind or shutter open.

I am aware that hinges have heretofore been made for holding blinds and shutters open. My invention relates to the peculiar device for effecting this operation, and said device is simple, cheap, easily made, reliable, and effective in use.

In the drawings, *a* is the fixed leaf of the hinge to be screwed upon the window-casing. This leaf has the projection *b*, that carries the hinge-pin *c*.

d is the leaf of the hinge that is to be screwed to the shutter or blind, and *e* is the eye thereof that takes the pin *c*. These parts are to be

of any desired size or shape, and adapted to the peculiar character of blind or window-casing.

f is a projection on one side of the eye *e*, and *g* is a blocking-piece hinged at *h* to the leaf *a*. When the blind or shutter is open, this blocking-piece *g* is to be turned, so that the end thereof takes the projection *f*, which stiffens the joint of the hinge and prevents the blind blowing or swinging to until said blocking-piece is removed. This blocking-piece can be turned back out of the way when the blind is shut, as seen in Fig. 3.

The parts of this hinge can be made "handed" for right and left blinds, or the piece *g* may swing on the other side of the leaf *a*, and the leaf *d* be inverted to make a right-hand hinge, that shown being a left-hand hinge.

This hinge is simple, cheap, not liable to be broken, easily applied, and efficient in use.

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

The swinging blocking piece *g*, hinged to the leaf *a* of the hinge, in combination with the projection *f* on the leaf *d*, for the purposes and as specified.

In witness whereof I have hereunto set my signature this 1st day of November, A. D. 1862.

WILLIAM LEWIS BARNES.

Witnesses:

R. H. HILL,
DAVID MORRIS.