

O. S. GARRETSON.
Blind-Hinges.

No. 145,797.

Patented Dec. 23, 1873.

Fig.1.

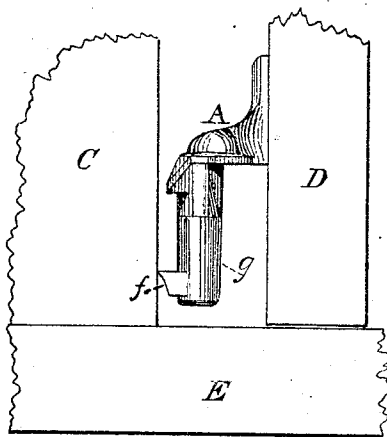


Fig.2.

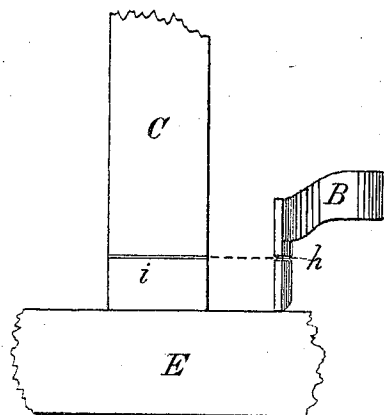
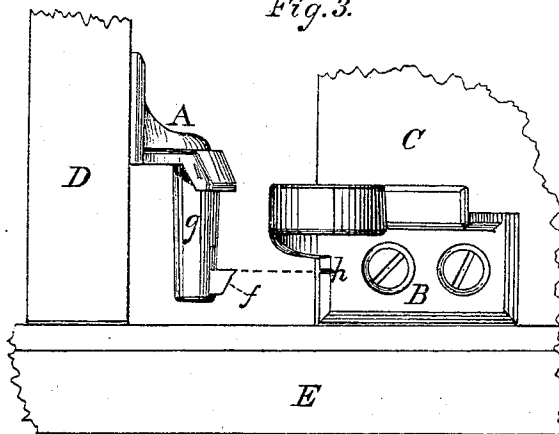


Fig.3.



Witnesses:

Charles M Higgins.
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UNITED STATES PATENT OFFICE.

OLIVER S. GARRETSON, OF BUFFALO, NEW YORK.

IMPROVEMENT IN BLIND-HINGES.

Specification forming part of Letters Patent No. **145,797**, dated December 23, 1873; application filed February 7, 1873.

To all whom it may concern:

Be it known that I, OLIVER S. GARRETSON, of the city of Buffalo, in the county of Erie and State of New York, have invented an Improvement for Indicating the Position for Setting Blind-Hinges, of which the following is a specification:

My invention consists in the combination of a spur, point, or other marking device, so arranged upon one part of the hinge that after that part is attached it will mark to indicate the position in which the other part, which is provided with a corresponding indent, is to be placed.

In the drawing, Figure 1 is an edge view of a portion of a window-blind with that portion of the hinge provided with the spur attached thereto, and shown in the act of marking to indicate the position for setting the part provided with the indent, which is to be attached to the window-frame. Fig. 2 is an edge view of the part of the hinge which is attached to the building, showing the mark *i*, made on the window-frame by the other part, also the corresponding indent *h*. Fig. 3 represents the two parts of the hinge attached, respectively, to the building and blind, but separated to show the relative position of the spur *f* and indent *h*.

The part of the hinge which is attached to the blind is indicated by the letter A. B is that part which is attached to the building or window-frame C. D is the blind, and E the sill. The marking-spur *f* projects radially from the pintle *g*, and the indent *h* on the part B is so arranged that when it corresponds with the position of the mark *i*, made by the spur, the hinge is properly set.

The object of my invention is to obviate the difficulty of properly setting that part of the hinge which is attached to the window frame or casing. Heretofore the blind which is to be hung, after the parts of the hinges which belong to it have been attached, has been adjusted to the position it is to occupy by wedging it up from the window-sill, and when there is no scaffolding, the operator, with an assistant to prevent his falling, holds the blind in place, closed, and by reaching

around it, scribes the position for the part which is to be attached to the window-frame or building. This method is difficult and uncertain, and attended with danger to the mechanic.

My improvement consists in making that part of the hinge which is attached to the blind with a marker or spur, *f*, and that part which is attached to the building with a corresponding indent or mark, *h*, so arranged that by placing the blind on the window-sill in a half-closed position, this spur or point will mark or scratch the frame or casing at a point that will indicate the precise position in which the opposite half of the hinge furnished with the indent *h* is to be set. The indent *h* is in such position as to correspond with the mark *i*, made by the spur, or the latter may be so placed as to mark the position which any other designated part of the opposite half of the hinge is to occupy on the building.

The spur may be upon that half of the hinge which is attached to the building; but I prefer to have it on the part which is on the blind, as being more conveniently operated.

The spur is placed in such a position that when the opposite half is set to the mark made by it the blind will be hung to swing clear and not drag on the bottom—that is, the spur is so placed that by resting on the sill it will mark high enough to hang the blind in the proper position to swing free and clear.

This is a great convenience to the mechanic, saving time, and obviating the wedging up the blind, as by the old method of hanging.

I claim as my invention—

A blind-hinge having the spur or marker *f* on one half, in combination with the indent *h*, or other equivalent mark, on the other half, substantially as and for the purpose herein set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

OLIVER S. GARRETSON.

Witnesses:

C. J. HASTINGS,
S. A. SHERMAN.