

L. GATHMANN.
Blind Hinges.

No. 144,898.

Patented Nov. 25, 1873.

Fig. 1.

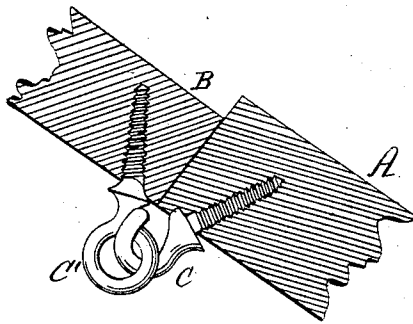
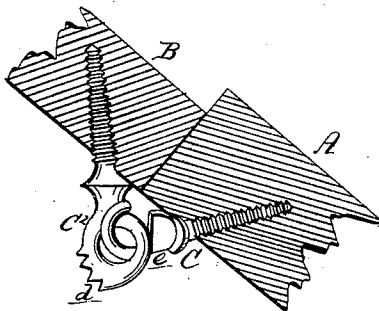


Fig. 2.



Witnesses

H. S. Sprague
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UNITED STATES PATENT OFFICE

LOUIS GATHMANN, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN BLIND-HINGES.

Specification forming part of Letters Patent No. **144,898**, dated November 25, 1873; application filed June 2, 1873.

CASE G.

To all whom it may concern:

Be it known that I, LOUIS GATHMANN, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Blind-Hinges, of which the following is a specification:

This invention has for its object to so construct blind-hinges of malleable cast-iron as to dispense with the wood-screws commonly used for securing them to the blind and frame, each half of the hinge being formed with a screw-shank which can be screwed into the wood at the proper angle, and the lower hinge so constructed that when the blind is thrown open it will be locked in that position; and to this end it consists in the peculiar construction and arrangement of screw-hooks to serve as hinges, the lower hinge having a series of notches in the outer edge of its eye, which engage with a shoulder on the other eye by the weight of the blind for locking it open.

In the drawing, Figure 1 is a perspective view of the malleable-iron upper hinge, and Fig. 2 is a similar view of the malleable cast-iron lower hinge.

Like letters refer to like parts in the several figures.

A represents a portion of a blind or window frame, and B a part of a blind-stile hinged thereto.

Figs. 1 and 2 represent my improved upper and lower hinges as when made of malleable cast-iron. The upper hinge, C¹, is composed of a hook and an eyebolt, each provided with a screw-shank, as already described. The lower hinge has a shoulder, *c*, formed at the base of the hook *a* of the screw-hook C, which is secured to the window-frame, while the eye of the screw-eye C² has a number of ratchet-teeth, *d*, cut in its outer edge, either of which drops behind the shoulder *c* to lock the blind when opened, the blind being carried out by the lower hinge a little farther from the wall of the building than at the top, so that its weight will tend to lock it open.

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

The lower hinge composed of the screw-hook C, and the screw-eye C¹ having serrations or teeth, as described, for the purpose set forth.

LOUIS GATHMANN.

Witnesses:

WM. H. LOTZ,
HENRY BLANK.