

W. R. GOODRICH.
Wrought-Iron Blind-Hinges.

No. 136,650.

Patented March 11, 1873.

Fig. 1.

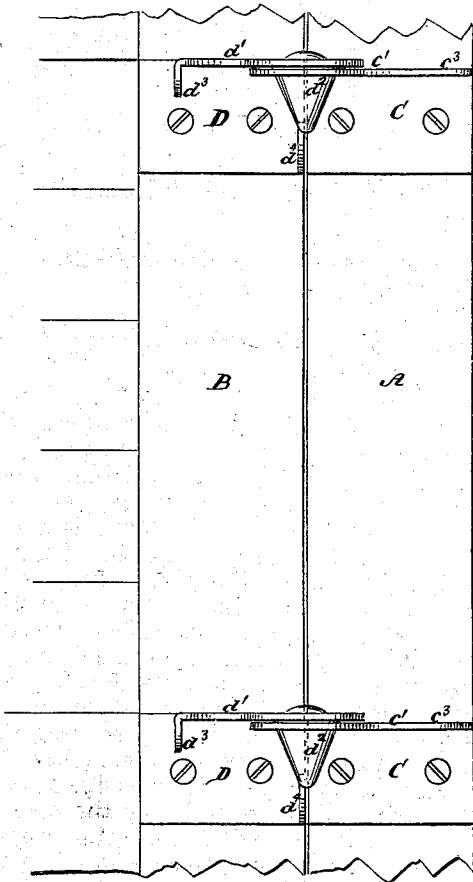


Fig. 2.

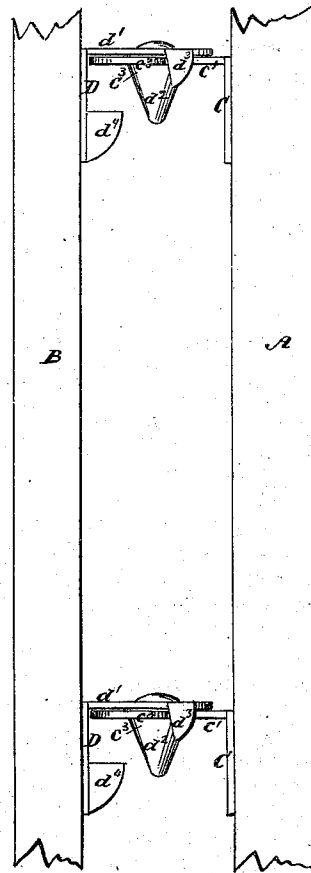


Fig. 3.

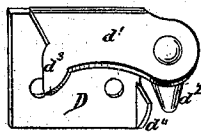
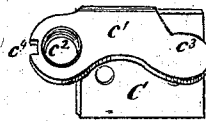


Fig. 4.



Witnesses:

E. W. Hoff.
E. Raquet.

Inventor:

W. R. Goodrich

PER

Munnell
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM R. GOODRICH, OF UTICA, NEW YORK.

IMPROVEMENT IN WROUGHT-IRON BLIND-HINGES.

Specification forming part of Letters Patent No. 136,650, dated March 11, 1873.

To all whom it may concern:

Be it known that I, WILLIAM R. GOODRICH, of Utica, in the county of Oneida and State of New York, have invented a new and Improved Wrought-Iron Blind-Hinge; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 represents my improved hinges as applied to a blind, the blind being shown closed. Fig. 2 is an edge view of the same, the blind being shown opened. Fig. 3 is a detail perspective view of the part of a hinge to be attached to the blind. Fig. 4 is a detail perspective view of the part of a hinge to be attached to the window-frame.

My invention relates to wrought-metal hinges, which are not liable to fracture in use; and consists in the peculiar relative construction of parts hereinafter described and pointed out in the claim, by which the whole hinge is enabled to be constructed of wrought metal.

A represents a window-frame, and B the blind. C and D are the parts of the hinge, the upper portions of which are bent over at right angle to form flanges c^1 d^1 . In the forward part of the flange c^1 is formed a hole, c^2 , to receive the conical pintle of the other part, D. The rear part of the flange c^1 projects, as shown in Fig. 4, to serve as a stop, c^3 , to pre-

vent the blind B from swinging back against the wall, and also for the catch of the part D to catch upon, to lock the blind open. To the forward part of the flange d^1 of the other part D is secured a conically-enlarged pintle, d^2 , riveted to the leaf, and that fits into the hole c^2 of the part D. Upon the rear part of the flange d^1 is formed a catch, d^3 , the edges of which are made inclined or curved, as shown in Fig. 2, to catch upon the stop c^3 to lock the blind open. Upon the forward edge of the lower part of the part D is formed a catch, d^4 , to serve as a stop by striking against the flange c^1 to prevent the blind from being raised from its hinges. In the edge of the flange c^1 is formed a notch, c^4 , for the catch d^4 to pass through when raising the blind from its hinges.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A wrought-metal hinge, formed of parts C D, the former having the notch c^4 and the flange c^1 , with hole c^2 and stop c^3 in rear, while the latter has the catch d^4 and the flange d^1 , with conically-enlarged pintle d^2 riveted thereto, and a catch, d^3 , as and for the purpose described.

WILLIAM R. GOODRICH.

Witnesses:

E. B. HASTINGS,
FRANK PECKHAM.