

(No Model.)

A. HOLBERG.
WINDOW REFLECTOR.

No. 305,750.

Patented Sept. 30, 1884.

Fig. 1.

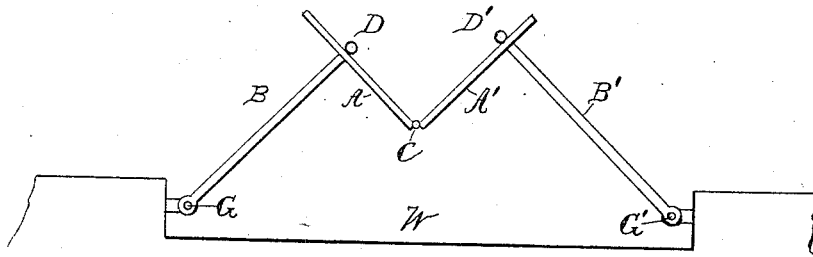


Fig. 2.

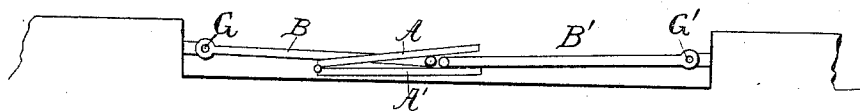


Fig. 6.

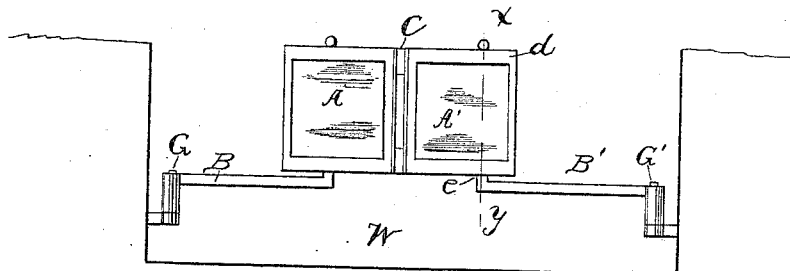
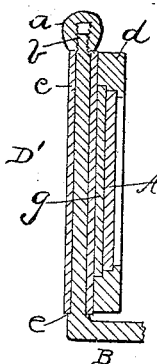


Fig. 4.



Witnesses:

My W. Halliday
John A. Booth

Inventor.

A. Holberg
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Atty.

UNITED STATES PATENT OFFICE.

ADOLPHUS HOLBERG, OF TROY, NEW YORK.

WINDOW-REFLECTOR.

SPECIFICATION forming part of Letters Patent No. 305,750, dated September 30, 1884.

Application filed January 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, ADOLPHUS HOLBERG, a resident of the city of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Window-Reflectors; and I do hereby declare that the following is a full, clear, and exact description of the invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts in the several figures therein.

My invention relates to improvements in window-reflectors; and it consists in providing a window with hinged reflectors pivoted upon swinging supports, and adapted to be adjusted at different angles.

The objects of my invention are, first, to enable persons within a building to view the reflected images of outside objects which are themselves beyond the observer's range of vision; second, to provide cheaply-constructed window-reflectors that may be folded within the window to permit of closing the outside blinds.

Figure 1 of the drawings is a top plan view of my improved reflectors attached to a window-frame ready for use. Fig. 2 is same, showing the reflectors folded within the window-frame. Fig. 3 is a front elevation of same as shown in Fig. 1, viewed from the window. Fig. 4 is a vertical section taken at the broken line *x y* in Fig. 3.

Two mirrors, *A A'*, hinged to each other at *C*, are pivoted at *D D'* upon the swinging arms *B B'*, the latter being pivoted upon the fixed supports *G G'* within the window *W*.

When the reflectors are arranged as shown in Figs. 1 and 2, an observer looking through the window into the reflector *A* will see the reflected images of distant objects to his left, and by looking into reflector *A'* he will see

the reflected images of distant objects to his right, which objects themselves he would be unable to see without thrusting his head out of the window. The mirrors are provided with frames *d*, Fig. 4, having attached thereto sockets *c*, adapted to fit and turn upon the vertical threaded pivots *b* upon the swinging ends of arms *B* and *B'*. The pivots are also provided with the shoulders *e*, and adapted to receive nuts *a* upon their threaded ends. The hinge *C*, pivots *D D'* and *G G'* permit the adjustment of the reflectors to any desired angle relatively to one another and to the plane of the window. After the reflectors have been adjusted to the desired angle, their position is fixed by turning on the nuts *a*, which securely grips the sockets *c* between the nuts and shoulders *e*, one for each reflector. By turning back the nuts the reflectors are loosened again upon their pivots, and may be readjusted, or folded into the position shown in Fig. 2, which will permit of closing the outside blinds without removing the reflectors from their supports. By having the arms *B B'* of unequal length and pivoted upon the reflectors at unequal distances from the hinge *C*, the pivots *D D'* will fold together side by side, as shown in Fig. 2, thus permitting the reflectors to be folded more closely together and nearer the window, out of the way of the blinds.

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

Two window-reflectors connected at one side by a hinge-joint, each reflector being pivoted upon one end of a supporting-arm, the other end of which is pivoted upon a supporting wall-bracket, in combination with said arms and brackets, substantially as described, and for the purposes set forth.

In testimony whereof I have hereunto set my hand this 28th day of December, 1883.

ADOLPHUS HOLBERG.

Witnesses:

GEO. A. MOSHER,

W. H. HOLLISTER, Jr.