

DANIEL KELLY.

Blind-Slats.

No. 126,713.

Patented May 14, 1872.



Fig. 1.

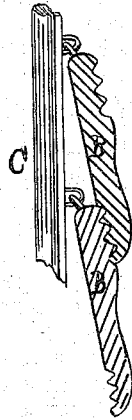


Fig. 2.

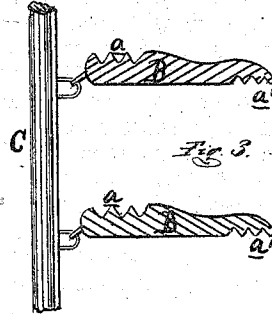


Fig. 3.

ATTEST:

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INVENTOR:

D. Kelly
per Atty.
Thos S. Sprague

UNITED STATES PATENT OFFICE.

DANIEL KELLY, OF MUSKEGON, MICHIGAN.

IMPROVEMENT IN BLIND-SLATS.

Specification forming part of Letters Patent No. 126,713, dated May 14, 1872.

To whom it may concern:

Be it known that I, DANIEL KELLY, of Muskegon, in the county of Muskegon and State of Michigan, have invented a new and useful Improvement in Window-Blinds; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a cross-section through the frame of a window-blind, showing the ends of the slats in elevation; Fig. 2 is an enlarged cross-section of a pair of slats in the closed position; and Fig. 3 is a similar view of the same open.

Similar letters of reference indicate corresponding parts in the several figures.

The nature of this invention relates to an improvement in the construction of the slats of window-blinds, whether made of wood or metal, whereby the blind when the slats are closed is rendered impervious to the passage of the light, rain, or dust; and it consists in the peculiar construction of the slats for the purpose, as more fully hereinafter set forth.

In the drawing, A represents a portion of the frame of the blind, and B the slats thereof, at each end of which slats a tenon is formed above the center thereof, which tenons are journaled in the sides of the frame. C is the blind rod, which is connected to each slot by staples in the usual manner, and the slats op-

erate in the manner described in the Letters Patent issued to Daniel Kelly and William Livingston on the 10th day of February, 1857. I use the eccentrically-pivoted slats described in the said Letters Patent in preference to the ordinary slat, as with my improvement the blind is proof against the weather. For a durable blind I make the slats of iron rolled in the general form described in said Letters Patent, with this addition. In rolling the rods which are cut to the length of the slats, I form near the upper outer face of the slat the corrugations *a*, and in the lower inner face similar corrugations, *a'*, which fit into the corrugations *a* of the next slat below it, and so on throughout the blind. As will be seen by reference to the drawing, when the slats are closed the blind will be impervious to the light, as well as dust or rain beaten against it by the wind. Where the slats are made of wood the corrugations may be less in number, but wider and deeper than those shown.

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

The blind-slats A, provided with the corrugations *a a*, operating as described, and for the purpose set forth.

DANIEL KELLY.

Witnesses:

H. J. HOYT,
GEO. C. RICE.