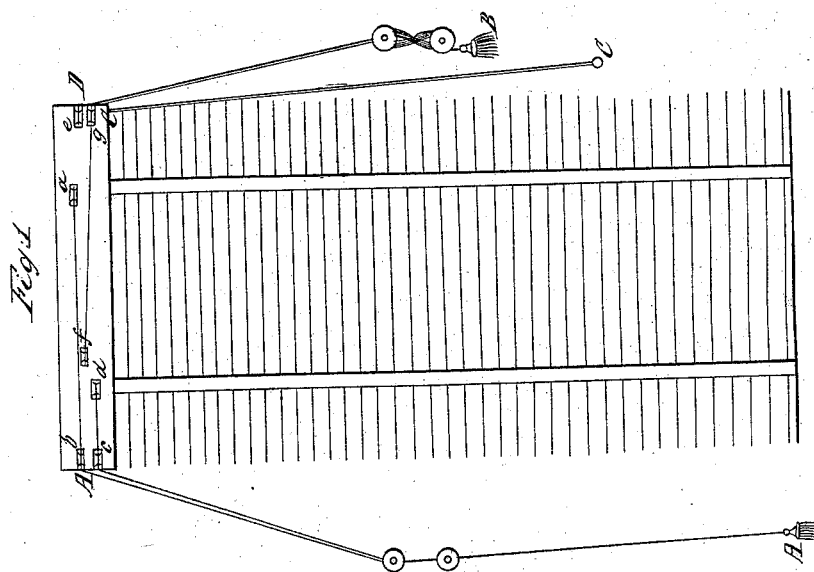
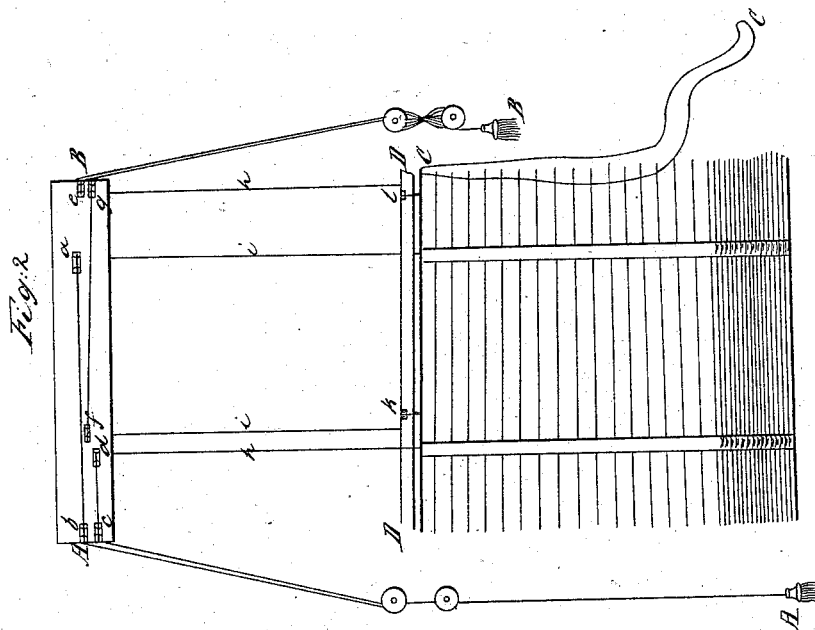


J. Bohrer,
Inside Blinds,
N^o 7408. Patented June 4, 1850.



UNITED STATES PATENT OFFICE.

JOSEPH BOHRER, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SUSPENDING VENETIAN BLINDS.

Specification forming part of Letters Patent No. 7,408, dated June 4, 1850.

To all whom it may concern:

Be it known that I, JOSEPH BOHRER, of the county of Philadelphia, in the State of Pennsylvania, have invented a new and Improved Kind of Venetian Window-Blinds; and I do hereby declare that the following is a full and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure I represents one of my blinds when lowered, and Fig. II all its peculiarities and advantages.

To both Figs. I and II the pulleys to be found in all Venetian blinds are marked *a*, *b*, *c*, and *d*, and the cord by means of which the blind is either hoisted or lowered is marked A A. Three additional pulleys (marked *e*, *f*, and *g*) are connected with an additional cord B B. By loosening the cord B B the slat next the top of the blind becomes detached from the top, and all the other slats under it resting upon each other move with it simultaneously downward until their further progress is stayed by fastening the cord B B to the knob. This can clearly be seen in Fig. II, where D D represents the uppermost slat detached from the top of the blind. *h h* are the cords passing through the slats and common to all blinds. *i i* are two additional cords, passing only through the uppermost slat D D. *k* and *l* are the pulleys upon which the whole

blind works. C C is the cord by which the light is regulated, as in other blinds. Having lowered the slats to any desirable distance, as seen in Fig. II, by loosening the cord B B, they may instantly be connected with the top by pulling the cord B B downward until the uppermost slat D D reaches the top of the blind. The lowering and hoisting the slats by detaching them from or connecting them with the top may be done as often and as quickly as the lowering and hoisting of an ordinary blind. When the cord B B is left undisturbed, the blind works as an ordinary one.

The advantage of this improvement is obvious, no elevated positions being required by the person who is cleaning the blind, as all the slats can by loosening the cord B B be instantly brought within reach. Moreover, the window itself may conveniently be cleaned without taking down the whole blind.

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

The combination of pulleys *e*, *f*, and *g*, with cords *i i* for the independent movement of the supporting-slat D D, in the manner and for the purpose described.

JOSEPH BOHRER.

Witnesses:

GEO. W. ASH,
L. ARUMBHAAR.