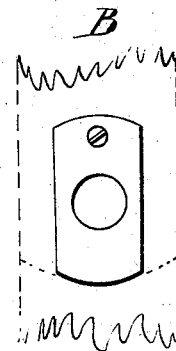
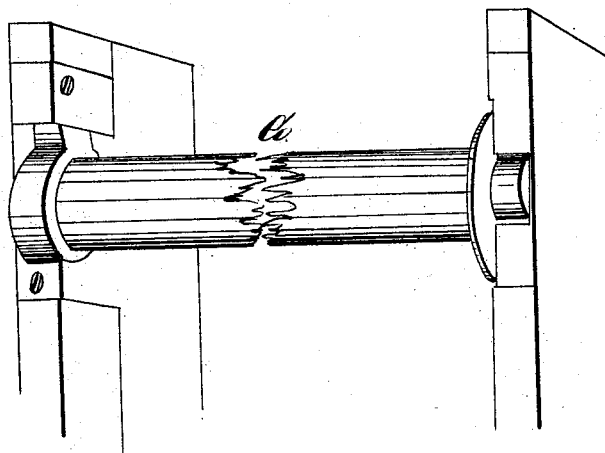
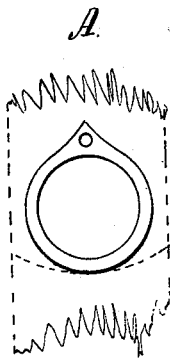
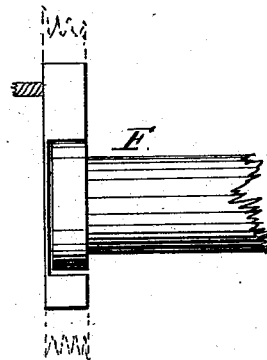
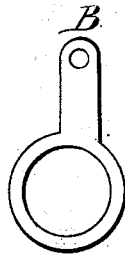
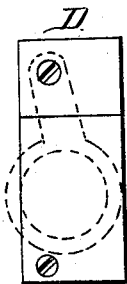
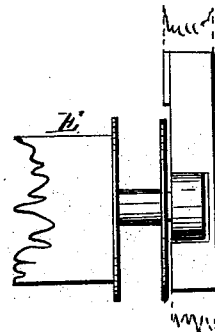
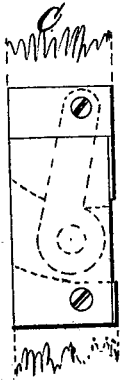


G. H. Marden,
Curtain Fixture Block,
Patented Oct. 17, 1848.

Nº 5,868.



UNITED STATES PATENT OFFICE.

GEO. H. MARDEN, OF CHARLESTOWN, MASSACHUSETTS.

WINDOW-CURTAIN SUSPENSION.

Specification of Letters Patent No. 5,868, dated October 17, 1848.

To all whom it may concern:

Be it known that I, GEORGE H. MARDEN, of Charlestown, county of Middlesex, State of Massachusetts, have invented a new and
5 Improved Mode of Suspending and Operating Window-Curtain Shades; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in
10 providing an oscillating block or blocks on which the window shade is hung, so that said shade can be moved backward and forward on the roller on which it is fastened so as to allow the window sash to be moved
15 up the full length of its plane and also to allow window shutters to close freely which cannot be done by any means now used for suspending and operating window curtain shades, all such kinds being fixed on per-
20 manent blocks and the rollers moving in sockets by means of a spindle or spindles, in or on the rollers.

The construction and operation of my invention is as follows. I construct a metallic
25 block, or blocks as seen in the accompanying drawings, A. B.; A, B, choosing either of the shapes, and I fasten them one in each side of a window on the bead or beads of the window as represented by C, D, in the
30 accompanying drawings, by which it will

be seen that if the rollers are hung on the same, they can be moved backward and forward like a pendulum.

E, F are sectional end views of rollers for window shades, as suspended by my os- 35
cillating blocks in the bead of a window. G is a perspective view which will be fully comprehended, as a roller fully suspended by the oscillating blocks capable of moving backward and forward to and from the win- 40
dow for the purposes already described. The manner of constructing those blocks and the manner of using them is so simple that with the accompanying drawings as part and being part of this specification, will enable 45
any mechanic to construct the same who is skilled in the art.

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

The metallic oscillating, or swinging 50
blocks A, B, A, B, in the accompanying drawings not confining myself to any particular shape of the said blocks, but for the purpose as set forth in the specification.

October 7th 1847.

GEORGE H. MARDEN.

Witnesses:

J. A. D. WORCESTER,
J. W. WHITTEN.