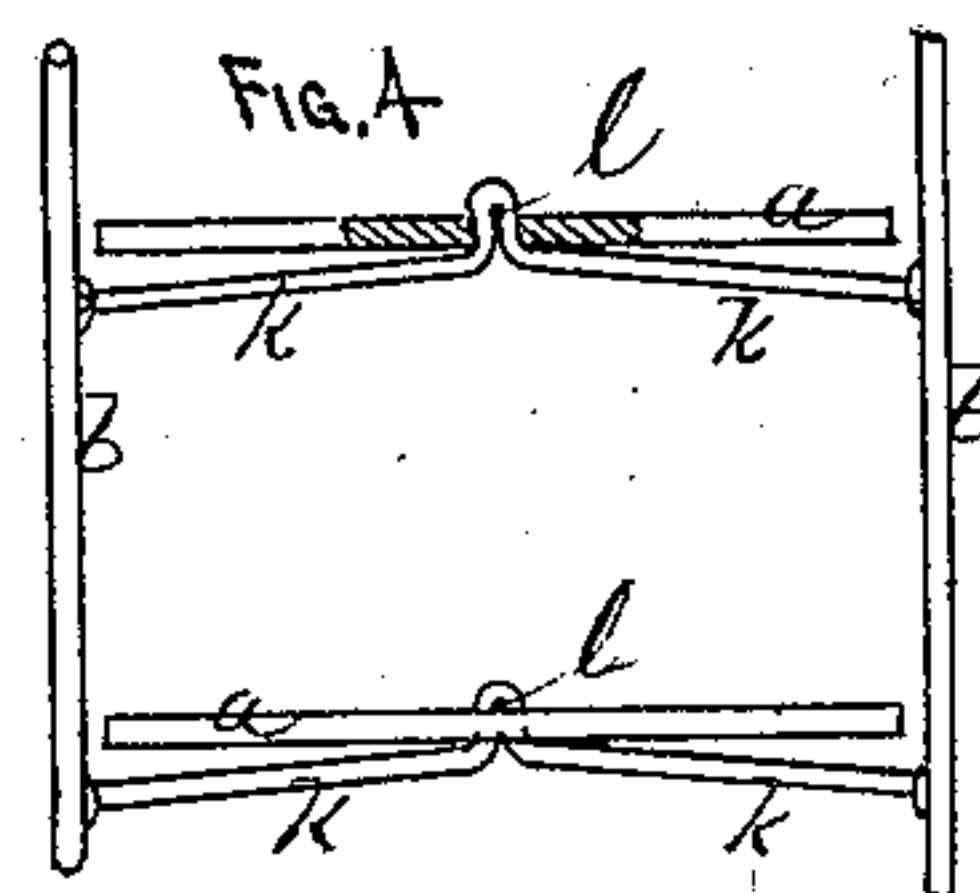
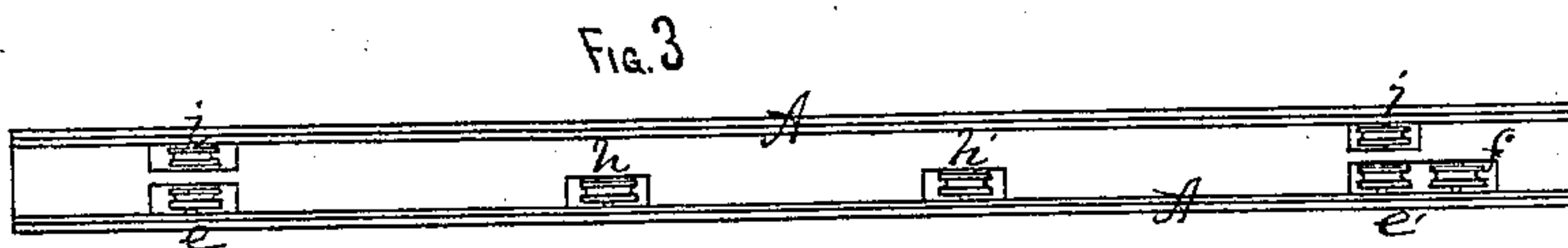
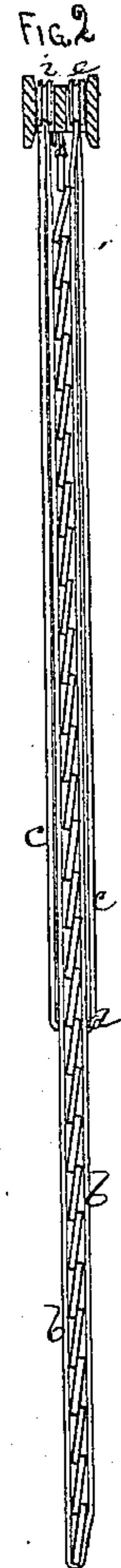
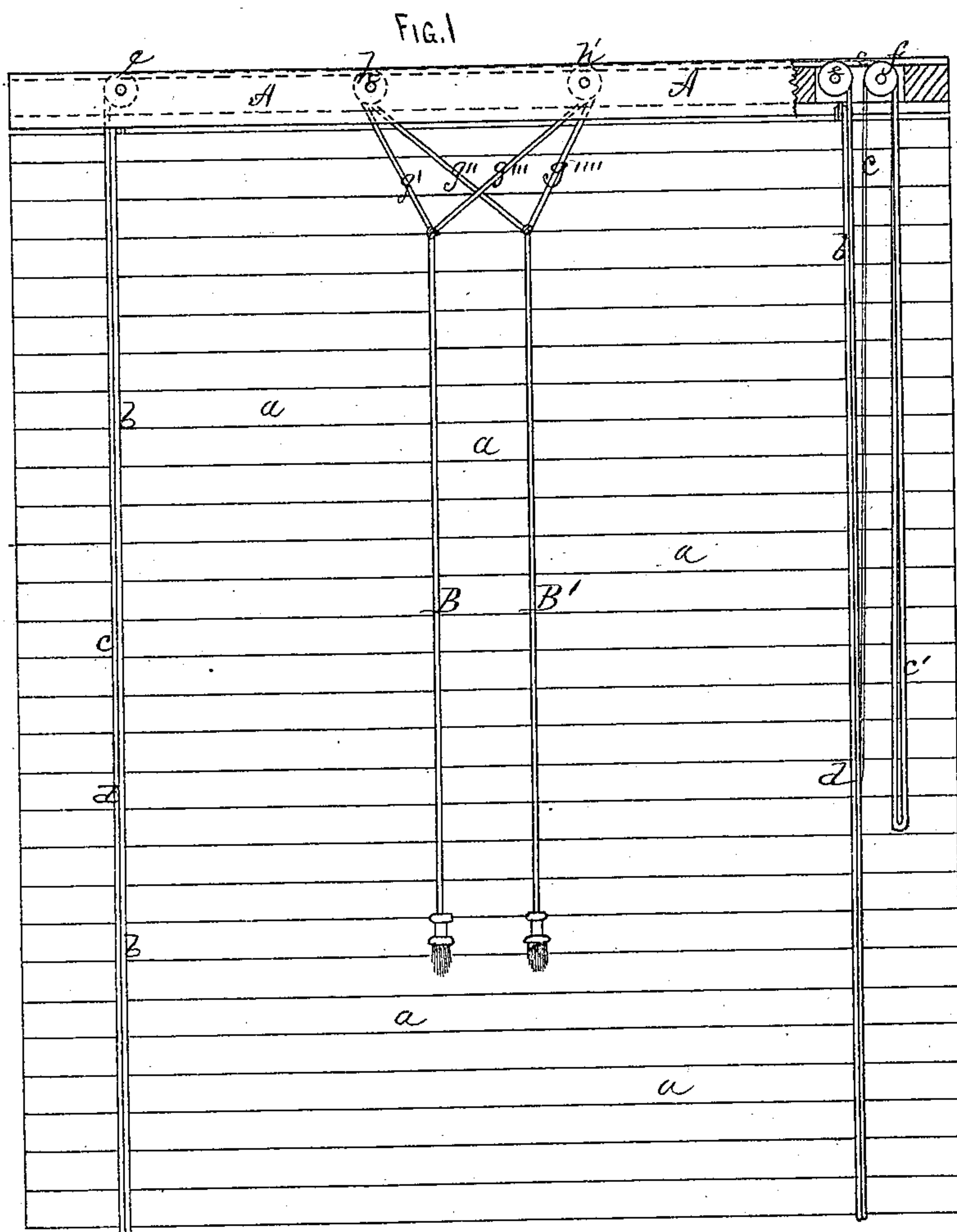


W. POTTER, Jr.  
Inside Blinds.

No 138,761.

Patented May 13, 1873.



WITNESSES.  
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C. H. Woodward.

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# UNITED STATES PATENT OFFICE.

WILLIAM POTTER, JR., OF ANDOVER, NEW YORK.

## IMPROVEMENT IN INSIDE BLINDS.

Specification forming part of Letters Patent No. **138,761**, dated May 13, 1873; application filed March 17, 1873.

*To all whom it may concern:*

Be it known that I, WILLIAM POTTER, Jr., of Andover, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Venetian Window-Shades, of which the following is a specification:

### *Nature of the Invention.*

This invention relates to and consists in the arrangement and fastening of the cords that hold the slats of Venetian blinds; also in the manner of arranging pulleys in the stationary top piece, in connection with the cords that raise and lower the blind as well as open and close the slats, as hereinafter set forth.

In the drawing, Figure 1 is a front elevation. Fig. 2 is a side elevation. Fig. 3 is a plan; Fig. 4, an enlarged section of the slats, showing the method of attachment.

A represents the top piece or stationary part that is screwed to the window-casing. The slats *a a* are the usual thin wooden ones, having the two cords *b b* on each edge of the slats, near the outer part, as is usual. Outside of this are supplementary cords or threads *c c*, attached to the cord *b* at *d*, as shown. One of these cords *c* then passes upward over a pulley, *e*, in the piece A, and down over another pulley, *f*, in the opposite end of the piece A; the other cord *c* also passes up and over the same pulley *f*, and down alongside of cord *c*; or they may both be made of one piece. By these means the curtain or shade may be raised or lowered in a very simple manner. B are the two cords which branch off into four other cords, *g' g'' g''' g''''*, which pass upward over center pulleys *h h*, and down over pulleys *i i*, (see Fig. 3,) and are attached

to the slats in such a manner that they serve to turn them so as to open or shut the blind, as desired.

In Fig. 4 the method of attaching the cords to the slats is shown, which consists in a short cord, *k*, which passes underneath each slat from one cord, *b*, to the other, and its center is carried up through the center of the slat and held there by a pin, *l*, passed through the loop thus formed.

By this improvement the slats are better held together by pin *l* and the cords or threads *k*, as above described, than by any other device. Also, by the arrangement of the cords and substituting pulleys for the ordinary eyes used, the slats are better raised or lowered, and the cords preserved longer. Also, one side of the slats can be raised alone and hung in a festoon, if desired.

### *Claims.*

I claim—

1. The arrangement and use of the pulleys *e f h i*, to operate in combination with the cords B B, *g g*, *c c*, and *b b*, as and for the purpose described.

2. The above arrangement of the cords and pulleys, in combination with the small cords *k k* fastened by the pin *l* to the slats *a*, by which means the blinds are raised and lowered, or shut or opened, as hereinbefore specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

WILLIAM POTTER, JR.

Witnesses:

J. R. DRAKE,

WM. J. PEYTON.