

(No Model.)

2 Sheets—Sheet 1.

L. W. SNELL.
WINDOW CURTAIN.

No. 303,332.

Patented Aug. 12, 1884.

Fig. 1.

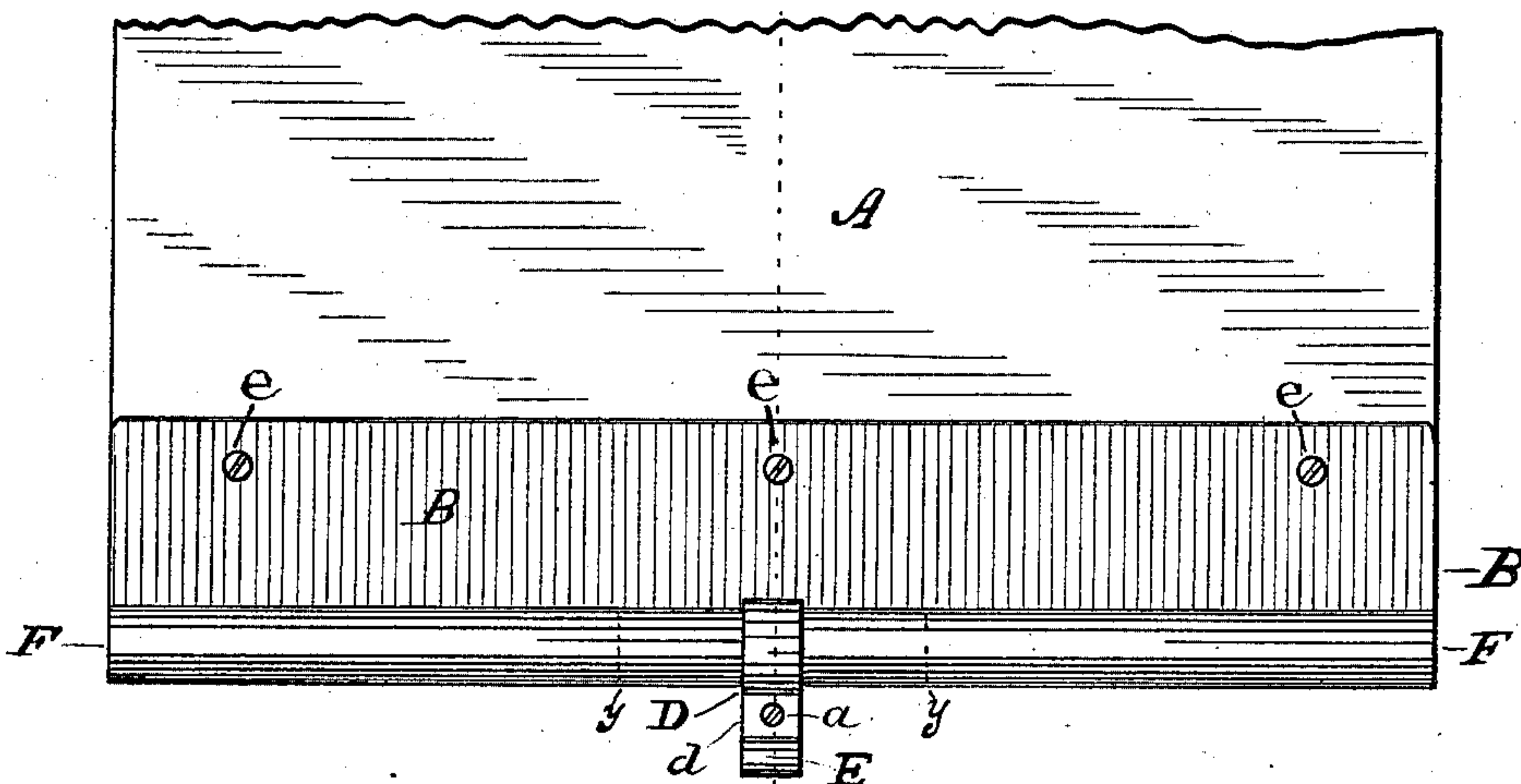


Fig. 2.

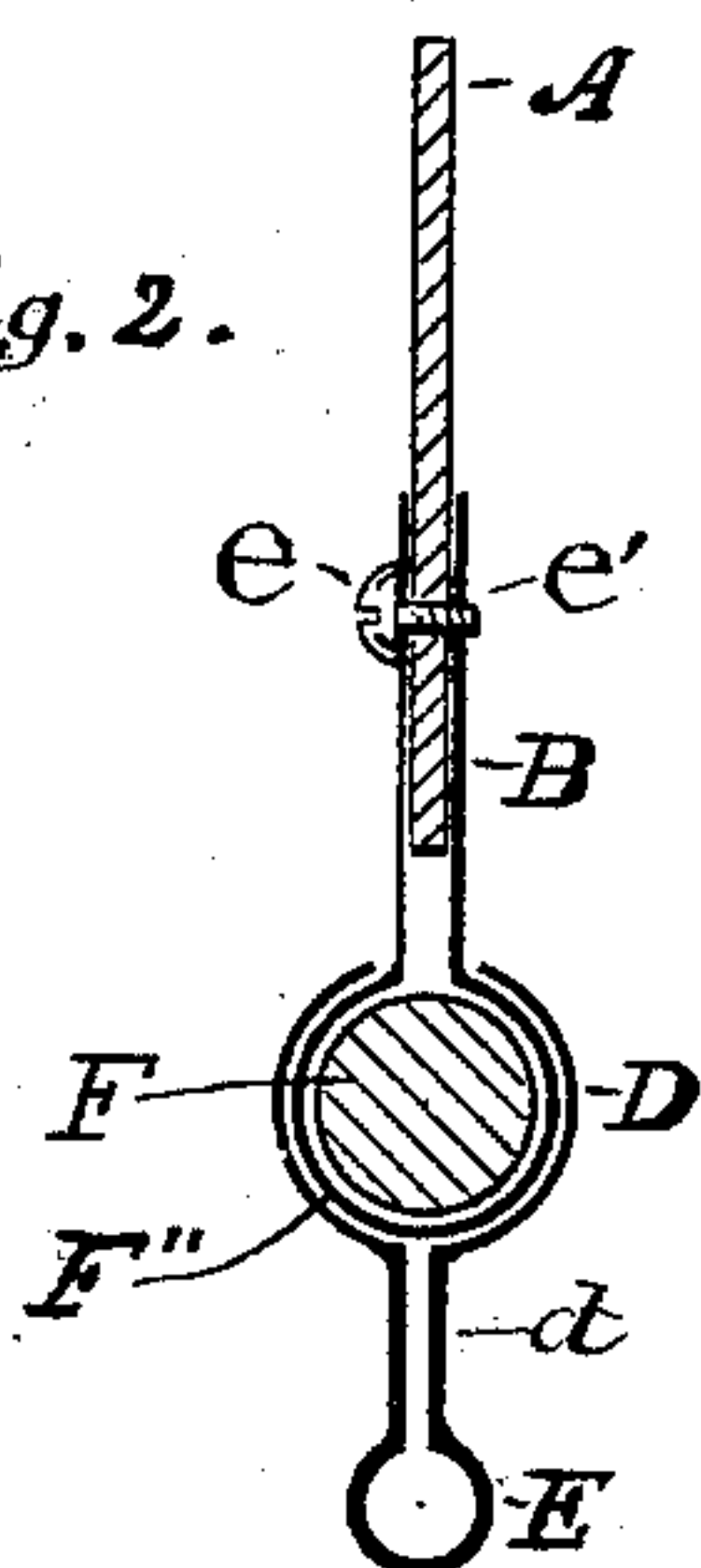


Fig. 3.

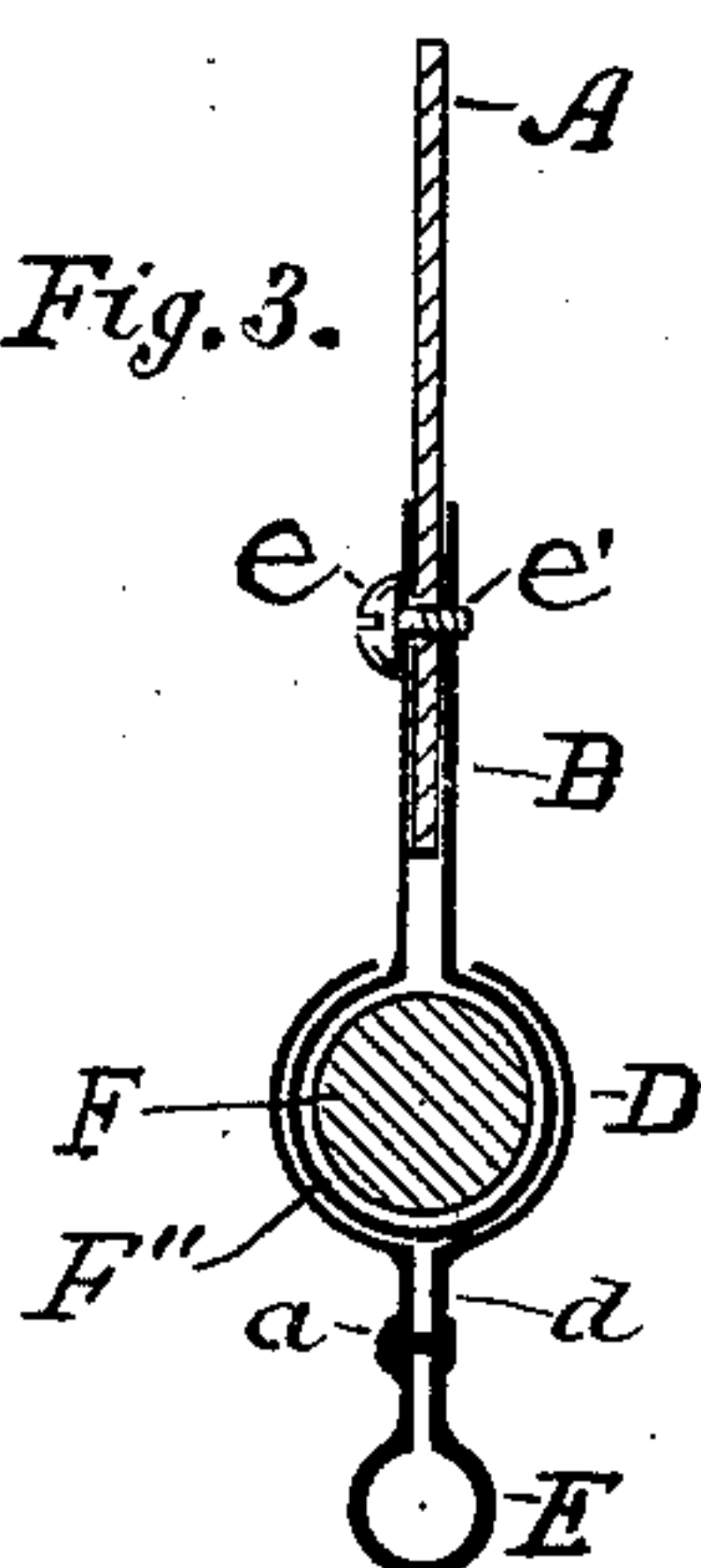
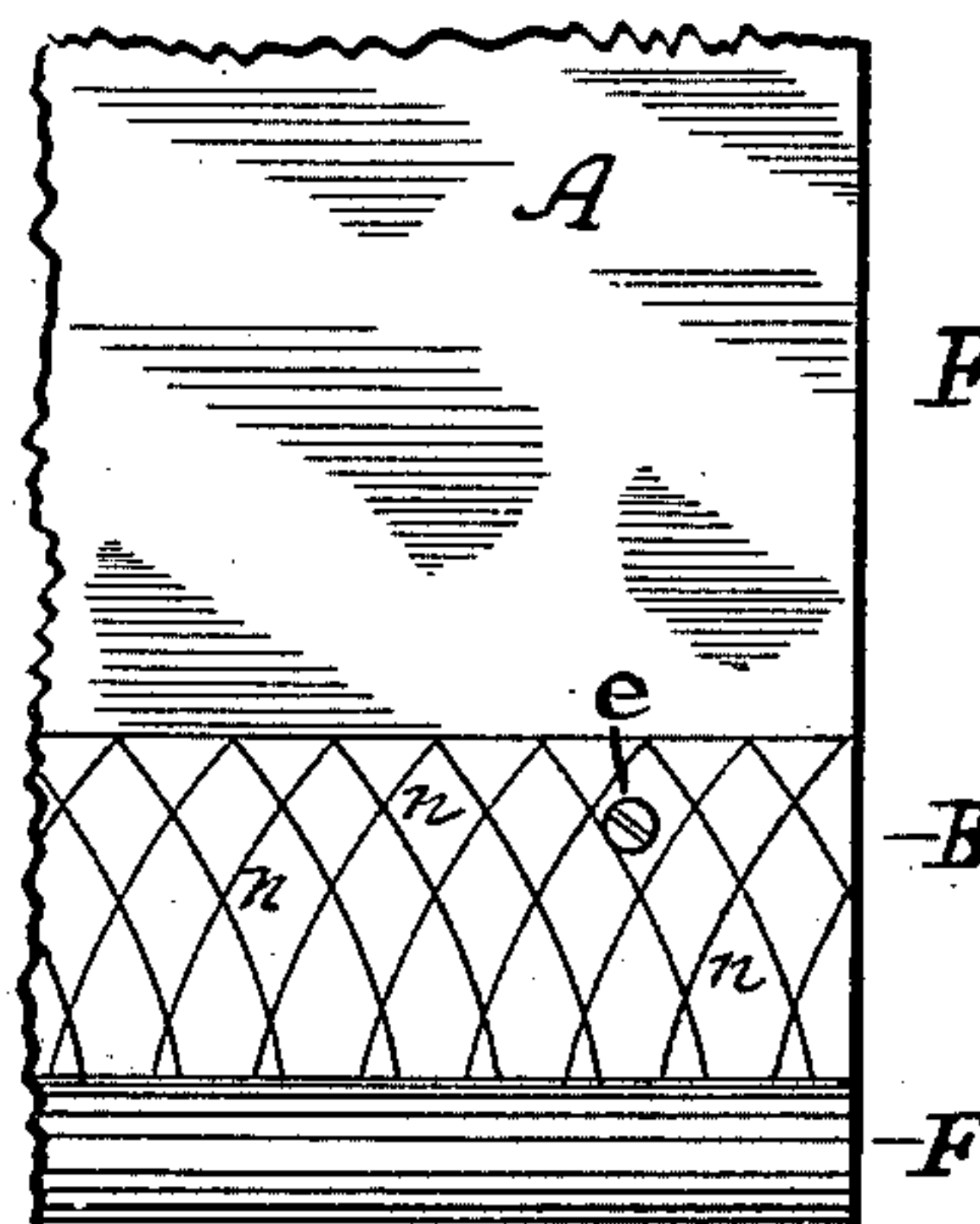


Fig. 4.



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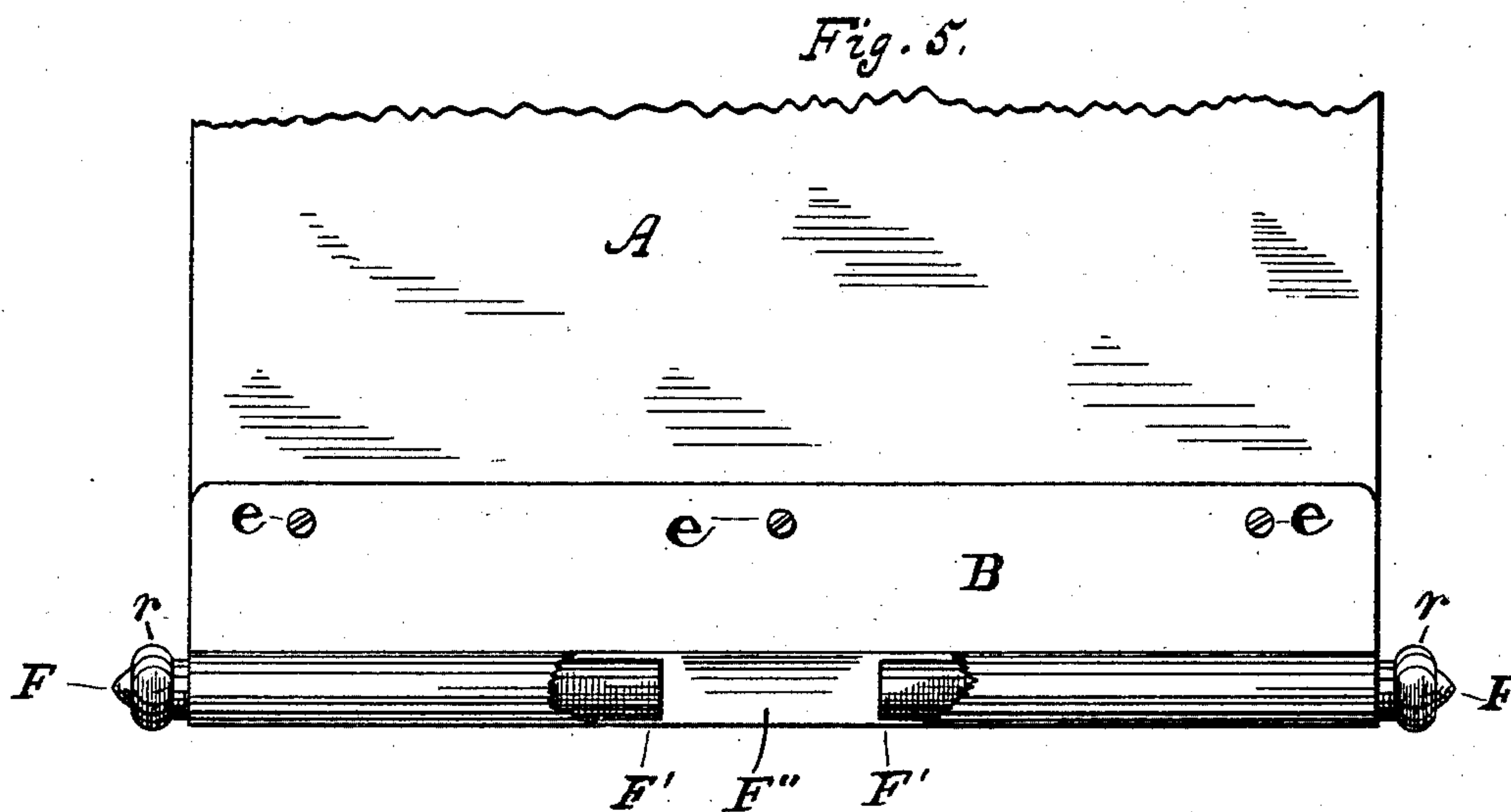
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UNITED STATES PATENT OFFICE.

LEVI W. SNELL, OF AMSTERDAM, NEW YORK.

WINDOW-CURTAIN.

SPECIFICATION forming part of Letters Patent No. 303,332, dated August 12, 1884.

Application filed December 19, 1883. (No model.)

To all whom it may concern:

Be it known that I, LEVI W. SNELL, a citizen of the United States, residing at Amsterdam Village, in the county of Montgomery and State of New York, have invented certain new and useful Improvements in Window-Curtains, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of my invention is to provide an adjustably-weighted binding or fixture for the lower end of an ordinary window curtain or shade, and provided with a spring-clip having an eye at its lower end to receive a tassel or other ornament. This fixture I construct of such form as to protect the lower portion of the curtain and preserve its form and shape and render the curtain ornamental and attractive.

20 Referring to the drawings, Figure 1 is an elevation of my invention attached to a portion of a curtain. Figs. 2 and 3 are sectional views of Fig. 1 on the line X in said Fig. 1. Fig. 4 is an elevation of a portion of one of my devices provided with the ornamental lines or figures *n*; and Fig. 5 is an elevation showing a portion of the piece B broken away so as to exhibit the space *F''* and the adjustable weighted rod *F'*.

30 My invention is applicable to any of the ordinary window curtains or shades—as, for instance, those that are supported upon a roller provided with a spring to counterbalance their weight, or those that are supported and wound upon a roller by any of the well-known means now in general use.

40 To enable others skilled in the art to which my invention belongs to construct and use the same, I will describe its construction and operation.

I construct the piece B (see Figs. 1, 2, 3, 4, and 5) of metal or any other suitable material, of the form substantially as shown in the several figures. This piece B is constructed so as to form the hollow cylindrical space *F''*. (See Figs. 2, 3, and 5.) The outer surface of this piece B (if made of metal) may be figured or engraved in any suitable or attractive designs, as indicated in Fig. 4, and may be silver or nickel plated, or finished in any elegant manner, or left plain, as the trade may require. In this piece B, I make the perforations *e'*,

(see Figs. 2 and 3,) which I usually tap with a screw-tap, so as to receive the small cap-screws *e*. These cap-screws I prefer to have silver or nickel plated to give them an attractive appearance. I insert the rod *F* in the cylindrical space *F''*. This rod *F*, I make of the proper weight to counterbalance the springs that are used to wind up the curtains in many curtain-fixtures now in common use, and provide it at each end with an ornamental trimming of any desired form, as indicated at *r* in Fig. 5. This rod *F* may be in separate sections or parts, substantially as shown in Fig. 5, and each part or section may be lengthened or reduced in length to give the required weight.

I construct a spring-clip, *D*, substantially of the form as shown in Figs. 1, 2, and 3, having at its lower end the eye *E* to receive the cord or fastening of a tassel. The upper portion of this clip is parted when placed in position, so as to allow it to pass over the end of the cylindrical portion of the piece *B*, and is passed to the center of the piece *B*, as shown in Fig. 1, where it is firmly held in position by the spring of the eye *E* and shank *d*. If preferred, the shank *d* may be perforated and a screw, *a*, inserted, as shown in Fig. 1. However, this is not necessary. The small cap-screws *e* may be substituted by small rivets. I remove the cap-screws *e* and insert the end of the curtain or shade *A* between the parallel sides or jaws of the piece *B*, substantially as shown in the several figures, and then puncture the curtain or shade through the perforation *e'* and replace the cap-screws and screw them up tightly, thereby securing the end of the curtain firmly between the parallel sides or jaws of the piece *B*, substantially as shown.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A window curtain or shade having secured thereto a piece, *B*, provided with a weight-rod, *F*, and a spring-clip, *D*, as and for the purposes shown and set forth.

2. A window-shade fixture consisting of a piece, *B*, rod *F*, having suitable ends, and a spring-clip to support a tassel and adapted to be secured to a window curtain or shade, substantially as described.

3. The piece *B*, constructed as described,

with a cylindrical space, F'', the rod F, and spring-clip D, all substantially in the manner as set forth and described.

4. The piece B, having a cylindrical space,
5 F'', and screws e, rod F, provided with suitable ends projecting from said space F'', and spring-clip D, all constructed substantially as described and set forth.

In testimony whereof I affix my signature in presence of witnesses.

LEVI W. SNELL.

Witnesses:

P. J. LEWIS,
W. DAVIDSON JONES,
C. H. ROOT.