

No. 702,112.

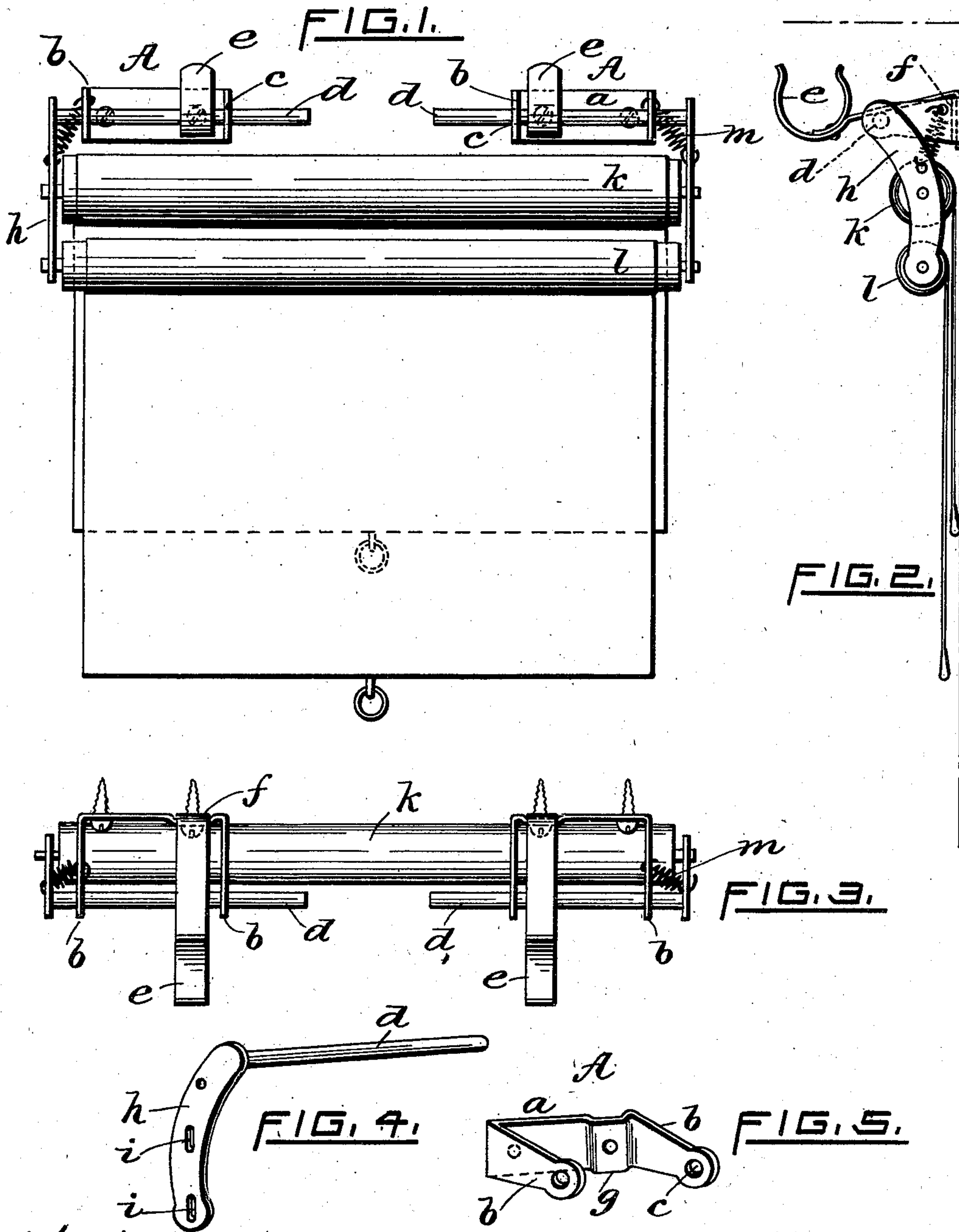
Patented June 10, 1902.

A. H. OUSLEY.

AUTOMATIC EXTENSION SHADE BRACKET.

(Application filed Feb. 3, 1902.)

(No Model.)



WITNESSES.

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UNITED STATES PATENT OFFICE.

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AUTOMATIC EXTENSION SHADE-BRACKET.

SPECIFICATION forming part of Letters Patent No. 702,112, dated June 10, 1902.

Application filed February 3, 1902. Serial No. 92,310. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. OUSLEY, a citizen of the United States, residing at Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Automatic Extension Shade-Brackets, of which the following is a specification.

My invention relates to extension shade-roller brackets, and has for its purpose simplicity, facile and automatic extension, and adaptability for use with a plurality of rollers.

To the above ends my invention consists in the novel parts and combination thereof hereinafter described, and illustrated in the accompanying drawings, wherein—

Figure 1 is a front elevation of my fixture; Fig. 2, a side elevation thereof; Fig. 3, a plan view of the same; Fig. 4, a perspective view of the swinging arm, and Fig. 5 a detail view of the rod support or bearings.

Like letters of reference indicate similar parts throughout the views.

My invention is embodied as follows:

Suitably fixed to the upper window-frame on either side by screws or other convenient means are supports A, consisting of a strip of thin metal *a* with its ends bent at right angles thereto, constituting supports *b*. The supports are perforated at *c* to furnish bearings for the pivotal rod or rods *d*. Supports *e* project from behind the supports A to suspend the rod carrying the lace curtains. These supports are held in position by inserting their bent terminals *f* between the window-frame and the supports A, which are bent to form a channel *g*, Fig. 5.

Loosely mounted in the supports *b* are the pivotal rods *d*, in axial alinement with each other. Other forms of rods may, however, be employed when desired. Fixedly mounted upon the outer extremities of the pivotal rods *d* are curved arms *h*. Each of these has one or more slots *i* to receive the ends of the shade-roller *k* or rollers *l*, according to the number of shades desired. A spiral spring *m* extends diagonally from the outer supports *b* to the curved arm *h*. The tension exerted thereby keeps the arm *h* in engagement with the shade-roller or rollers and normally holds the rollers against the window-frame.

The operation of my device is as follows: The one or more shade-rollers intended for use are readily inserted into the slots *i*, while the curved arm and its attached rod *d* are forced outwardly against the tension of spring or springs *m*. When released, the arm *h* firmly abuts against the inserted rollers.

The curvature of the arm *h* is important in that it brings the shades suspended from a plurality of rolls into different vertical planes.

A great advantage accrues from this device in that when a person grasps one of the shades for elevating or lowering the same the rollers to which they are attached swing away from the window-frame on their pivotal rods *d* until the operator releases his hold upon the shade, when by virtue of springs *m* the rollers resume their normal position snug against the window-frame.

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

1. As a new article of manufacture, a shade-roller-supporting device consisting of supports, rods pivotally mounted in said supports, slotted arms fixedly attached to said rods, shade-rollers mounted in said slotted arms and means for causing the same to rest snugly against a window-frame, substantially as described.

2. As a new article of manufacture, a shade-roller-supporting device consisting of supports, rods pivotally mounted in said supports, slotted arms fixedly attached to the outer extremities of said rods, and retractile means intermediate the slotted arms and supports.

3. As a new article of manufacture, a shade-roller-supporting device consisting of supports, rods in axial alinement loosely pivotally mounted in said supports, arms downwardly projecting from said rods and retractile means for holding said arms in contact with the window-frame.

4. As a new article of manufacture, a shade-roller-supporting device consisting of supports, rods in axial alinement loosely pivotally mounted in said supports, arms downwardly projecting from said rods, shade-rollers mounted in the arms, and a spring intermediate said arms and supports for holding the arms in engagement with the shade-rollers.

5. As a new article of manufacture, a shade-roller-supporting device consisting of supports for pivotally-mounted rods, supports above said rods for holding a curtain-rod, pivotally-mounted rods with downwardly-projecting arms, and one or more shade-rollers mounted in said arms.

6. As an improved article of manufacture a support for shade-rollers composed of a single piece of material with perforated parallel

arms and a connecting portion bent to form a channel, *g*, and a support having a depending portion held in said channel, as set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

ALBERT H. OUSLEY.

Witnesses:

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