

T. P. CAVE & J. M. BUCK.
ADJUSTABLE SHADE FIXTURE.
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1,023,812.

Patented Apr. 23, 1912.

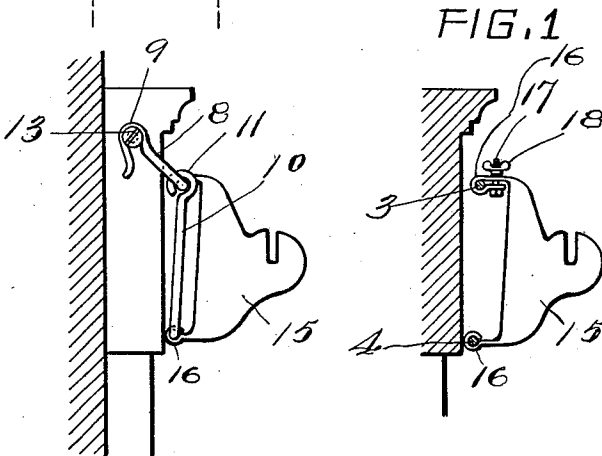
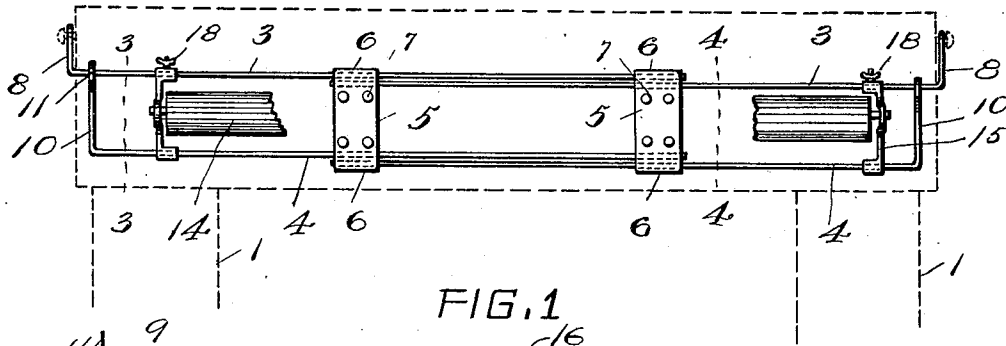


FIG. 2

FIG. 3

FIG. 4

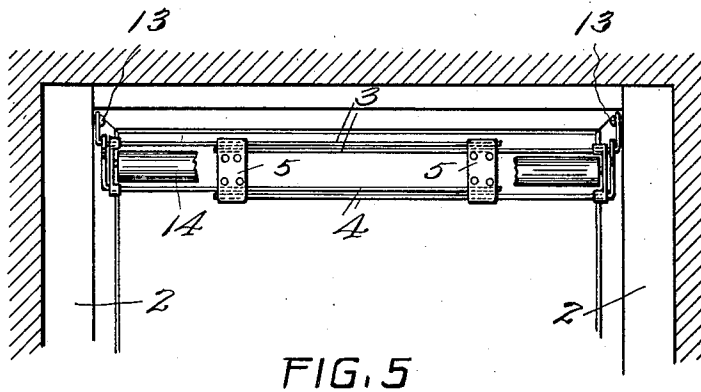


FIG. 5

WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS P. CAVE AND JOHN M. BUCK, OF COLUMBUS, OHIO, ASSIGNORS OF ONE-HALF TO FRED REICHELSCHEIMER AND ONE-HALF TO SOLOMON ROTH, BOTH OF COLUMBUS, OHIO.

ADJUSTABLE SHADE-FIXTURE.

1,023,812.

Specification of Letters Patent.

Patented Apr. 23, 1912.

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To all whom it may concern:

Be it known that we, THOMAS P. CAVE and JOHN M. BUCK, citizens of the United States, residing at 441 Boliver street and 885 Caldwell avenue, respectively, Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Adjustable Shade-Fixtures, of which the following is a specification.

Our invention relates to improvements in adjustable shade fixtures, the object of the invention being the provision of a device of this character for use in supporting window shades, curtains for book cases, closets, wardrobes, etc., or other furniture, without the attendant marring of the material to which the fixture is attached, as is usual in many cases.

A further object of the invention is the provision of a fixture which is adjustable for different size window frames, and also adjustable for different width shade rollers, thus combining in the one device the necessary requisite for an approximately perfect shade fixture.

By means of our invention, the device may be adapted for use on the support, and adapted for reception of the shade or curtain, before attachment, thus insuring an easy and rapid hanging of the fixtures and shades.

The invention consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and more particularly pointed out in the claims.

In the accompanying drawings we have illustrated one example of the physical embodiment of our invention constructed according to the best mode we have so far devised for the practical application of the principles, the exemplifying structure shown being adapted as a shade support for windows.

Figure 1 illustrates our invention applied to a window frame, the fixture-frame being attached at the outside of the window frame. Fig. 2 is an end view of Fig. 1. Fig. 3 is a sectional view of the supporting frame on line 3—3 Fig. 1. Fig. 4 is a sectional view of the supporting frame on line 4—4 Fig. 1, and Fig. 5 illustrates the supporting frame attached to the inner sides of the opposing window jambs.

As before stated we have illustrated the

invention adapted for use as a window shade support, and as such the invention will be referred to hereinafter.

In the drawings the window frame is designated by the numerals 1, 1, and 2, 2, indicate the jambs of the window.

In the adaptation of the invention shown in Figs. 1, 2, and 3 the device is applied to the outside of the frame and supported therefrom. The supporting frame comprises two pairs of adjustably connected rods 3 and 4, held together by means of the pair of clips 5, 5, each clip having duplicate sleeve portions 6, for the reception and passage therethrough of the rods. The sleeves of the clips are fashioned by bending over the ends of the clip, and securing the ends to the body of the material by means of rivets 7, as clearly seen in Fig. 4. As a supporting means for the entire fixture we provide the right angularly bent ends 8, 8, to the upper rods 3, 3, a hook 9 being formed at the extreme end of the bent portions 8. In addition to the clips 5 for connecting the rods 3 and 4, the rods are directly connected to each other in pairs by means of the bent ends 10, 10 on the lower rods 4. At the extreme ends of these portions 10, an eye 11 is fashioned, which eye is loosely turned over the upper rods 3. In this manner we provide a well braced and rigid construction of supporting frame which is adjustable in length, to adapt it for use at the outside of the window frame as in Figs. 1, 2, and 3, where it is shown as suspended from the screws 11, or equally well adapted for shorter length, as in Fig. 5. In Fig. 5 the screws or nails 13 are located at the inner sides of the opposing window jambs. It will of course be understood that the rods in pairs are slidable in the sleeves 6 of the clips 5, and that the upper rods 3 are slidable in the eyes 11 of the rods 4.

In Fig. 1 a fragment of the shade and roller is indicated at 14, and the shade is supported in the pair of brackets 15, 15. These brackets are provided with the usual round hole and rectangular slot, and are adjustable on the pairs of rods 3 and 4.

Referring particularly to Fig. 3 the construction of the brackets and their attachment to the rods is very evident. At each end of the brackets a sleeve 16 is formed adapted to pass around the respective rods 3 and 4. The upper sleeve is adapted as a

clamp and in connection therewith we utilize the threaded bolt 17 and clamping nut 18. In adjusting the brackets to receive the shade, they are moved along on the rods the required distance from the center of the fixture, and when located in desired position are clamped in place on the rods by means of the clamping nuts 18 and bolts or screws 17.

10 From the above description taken in connection with our drawings it is evident that we have provided a device of this character which fulfils the purposes set forth as the objects of our invention.

15 While we have illustrated herein a complete exemplification of the invention, it will be understood that we may vary the construction illustrated, within the scope of the following claims.

20 Having thus fully described our invention, what we claim as new and desire to secure by Letters Patent, is:—

1. A supporting frame comprising two

pairs of rods, an adjustable clip connecting the ends of the rods of each said pair, an attaching hook formed at the outer end of each upper rod, and an eye formed on the lower rod of each pair encircling the complementary upper rod.

2. A frame comprising two pairs of rods, an adjustable clip connecting the ends of the rods of each said pair, an attaching hook at the outer end of each upper rod, an eye formed on the lower rod of each pair encircling the complementary upper rod, shade brackets each formed with attaching sleeves, and means for adjustably clamping said brackets on said rods.

In testimony whereof we affix our signatures in presence of two witnesses.

THOMAS P. CAVE.
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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."