

(No Model.)

A. J. BONNER, Jr., & P. VANDEN BERGHE.

AWNING.

No. 316,518.

Patented Apr. 28, 1885.

Fig. 1.

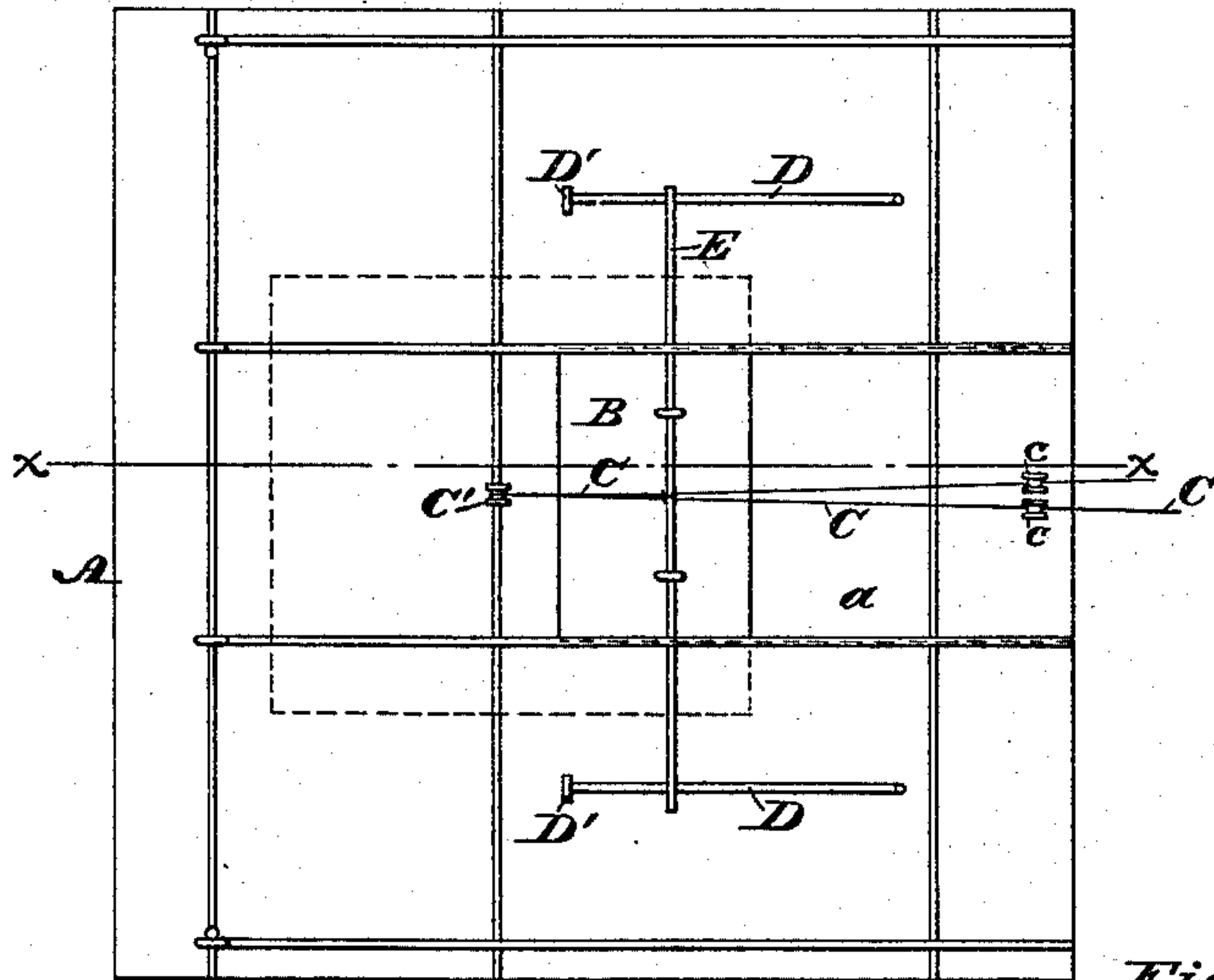


Fig. 2.

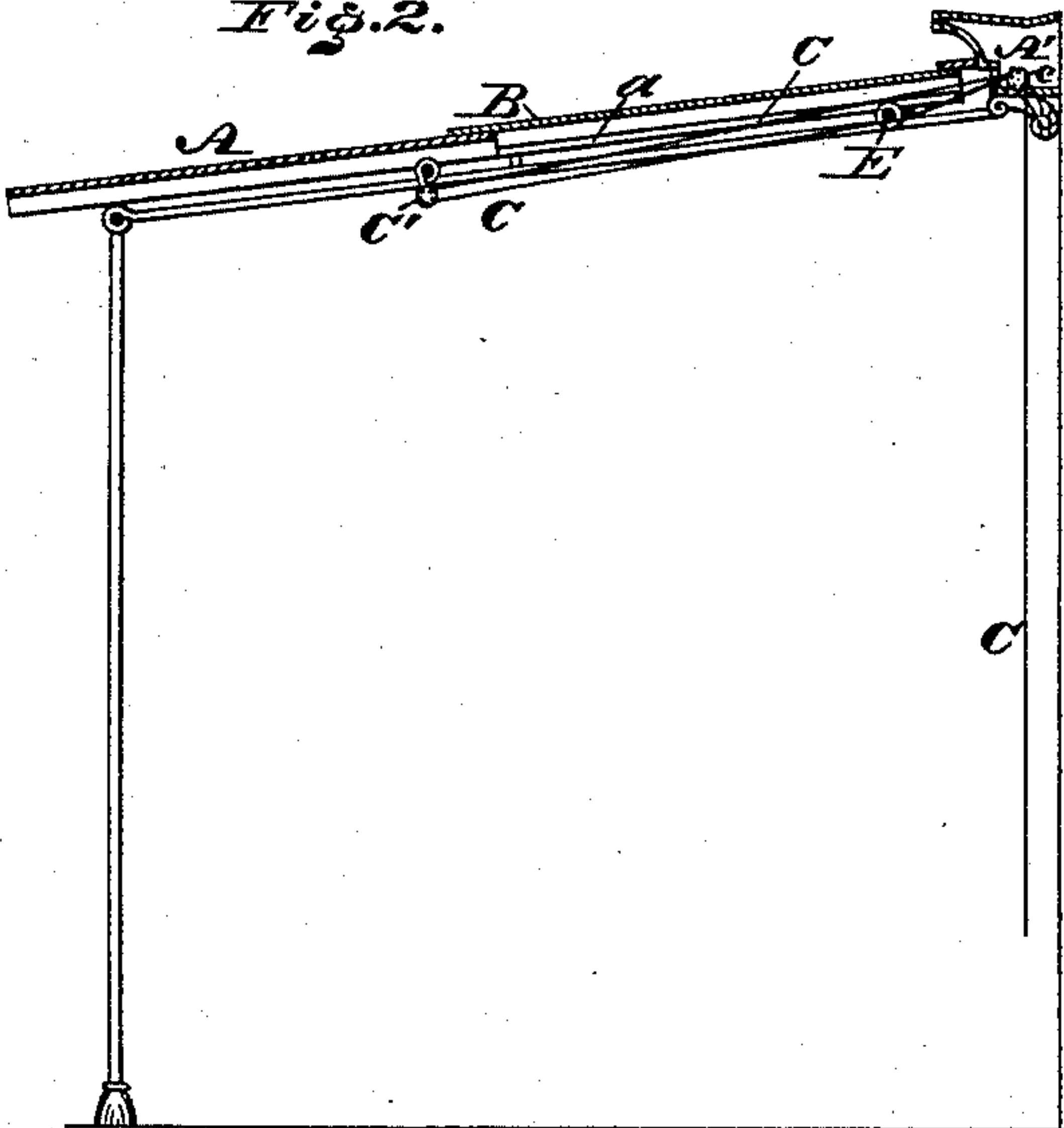


Fig. 3.

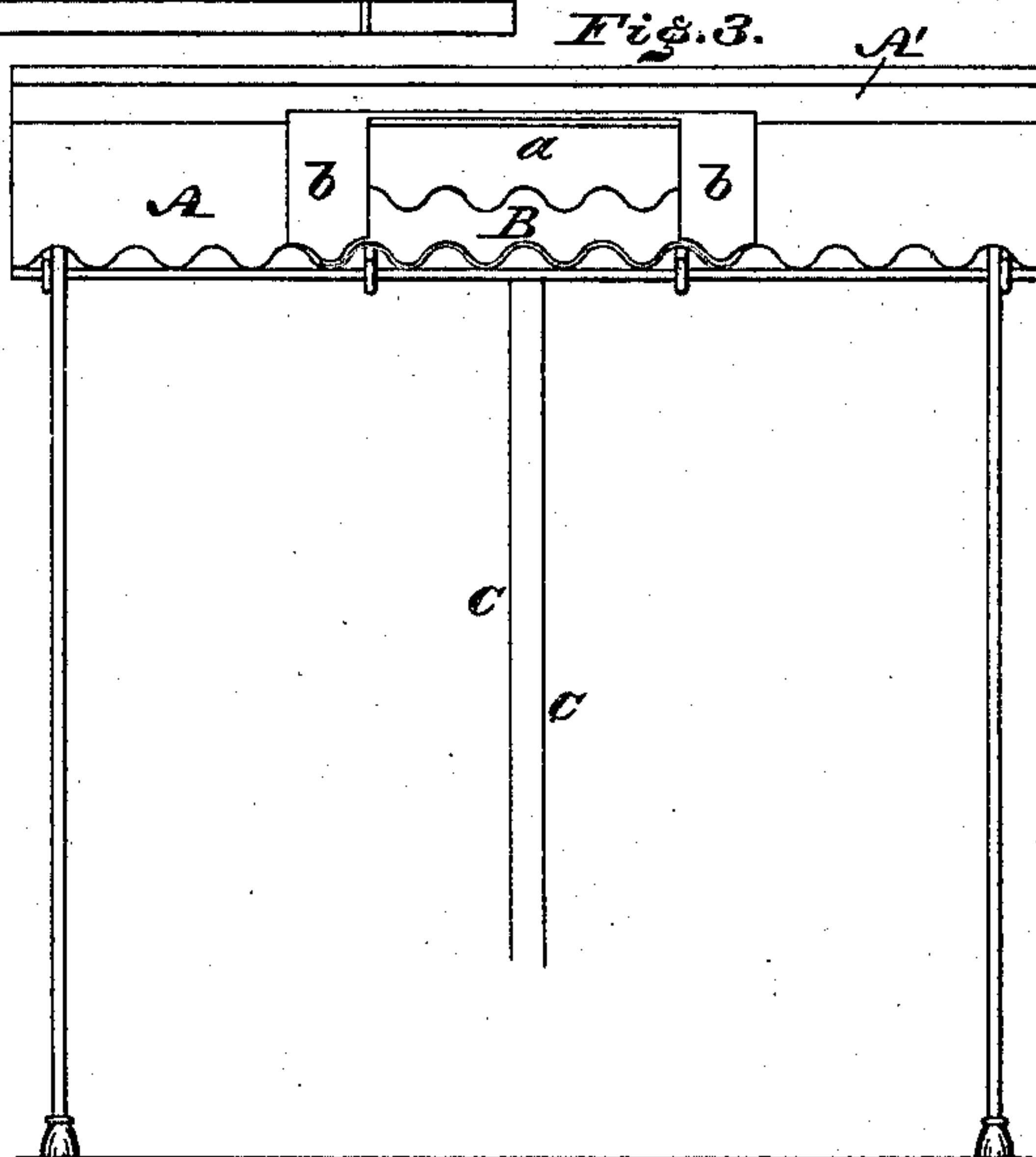


Fig. 5.

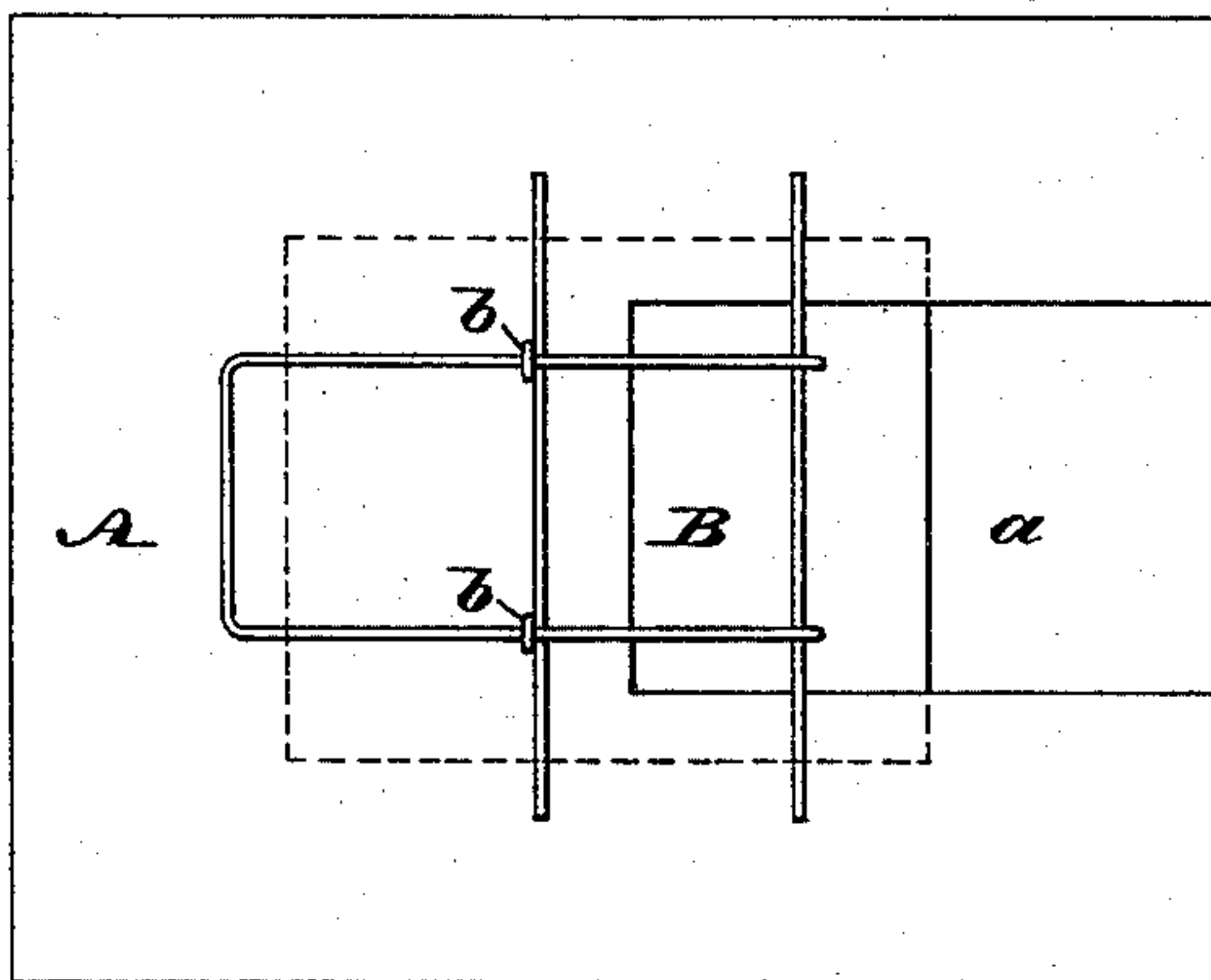
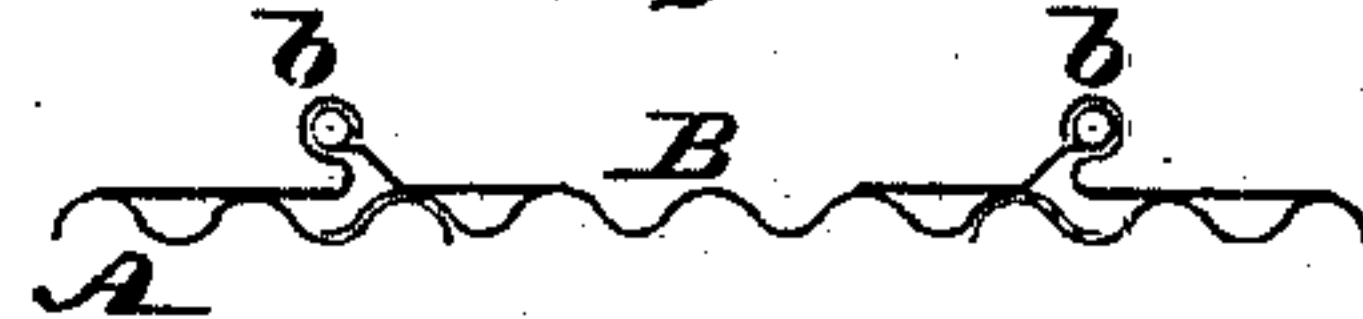


Fig. 4.



WITNESSES:

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ANDREW J. BONNER, JR., AND PETER VANDEN BERGHE, OF PHILADELPHIA,
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AWNING.

SPECIFICATION forming part of Letters Patent No. 316,518, dated April 28, 1885.

Application filed June 5, 1884. (No model.)

To all whom it may concern:

Be it known that we, ANDREW J. BONNER, Jr., a citizen of the United States, and PETER VANDEN BERGHE, a subject of Belgium, both residents of the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Awnings, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a bottom plan view of an awning embodying our invention, the window thereof being open. Fig. 2 is a vertical section thereof in line *x x*, Fig. 1, the window being closed. Fig. 3 is a front view thereof. Fig. 4 is an end view of a modification. Fig. 5 is a bottom view of a modification.

Similar letters of reference indicate corresponding parts in the several figures.

Our invention consists in providing an awning with a window and means for opening and closing the slide of the same, as also for preventing rubbing or wearing action of the slide on the adjacent portion of the awning, as will be hereinafter fully set forth.

Referring to the drawings, A represents an awning, which is formed of metal, rigidly connected with the building or other place, and supported on posts. In the upper end of the awning is an opening, *a*, for the passage of light to the sidewalk or window of the building, &c.

Fitted to the awning is a slide, B, so disposed that it may be moved over said opening—a feature of importance in case of rain or hot weather, when it is desirable to close said opening, the latter constituting a window for the awning, and the slide a shutter therefor. The slide is held in position by guides *b b*, attached to the awning, the sides of the slide moving between said guides, as in Fig. 3; or said guides may be of the form shown in Fig. 4. In Fig. 5 the guide is formed of rods attached to the slide, passed through eyes on the stationary part of the awning.

In order to operate the slide, there is attached to its under side a rope or cord, C, which is passed around a pulley, C', secured

to the stationary part of the awning just below the opening *a*, both ends of the rope passing through openings in the cornice or head A', which is attached to the building, and also over pulleys *c c*, secured to said cornice or head, and being within convenient reach. It will be seen that by pulling one end of the rope the slide will be opened, and by pulling the other end said slide will be closed, attention being directed to the fact that both ends of the rope depending from the upper pulleys are pulled in the same direction to occasion the opposite motions of the slide.

Secured to the under side of the awning adjacent to the sides of the opening *a* are rods or bars D D, which form bearings for the end of a cross rod or bar E, which is connected with the window and stiffens and braces the same, said rod E also having the rope C attached to it, and as it works on the rods D it prevents wearing action on the awning. The lower end of the rods or bars D are bent, or provided with shoulders D', which form stops to limit the opening movement of the slide.

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

1. An awning having an opening and slide therefor, pulleys connected above and below said opening, a rope connected with the slide passing around the pulleys, a rod connected with the slide, and rods secured to the awning, the rod on the slide riding on the rods on the awning, the parts being combined and operating substantially as and for the purpose set forth.

2. An awning having a window-opening and a slide, and rods D E, the rods D being connected with the awning and the rod E with the slide, the rod E bearing on the rods D, substantially as and for the purpose set forth.

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Witnesses:

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