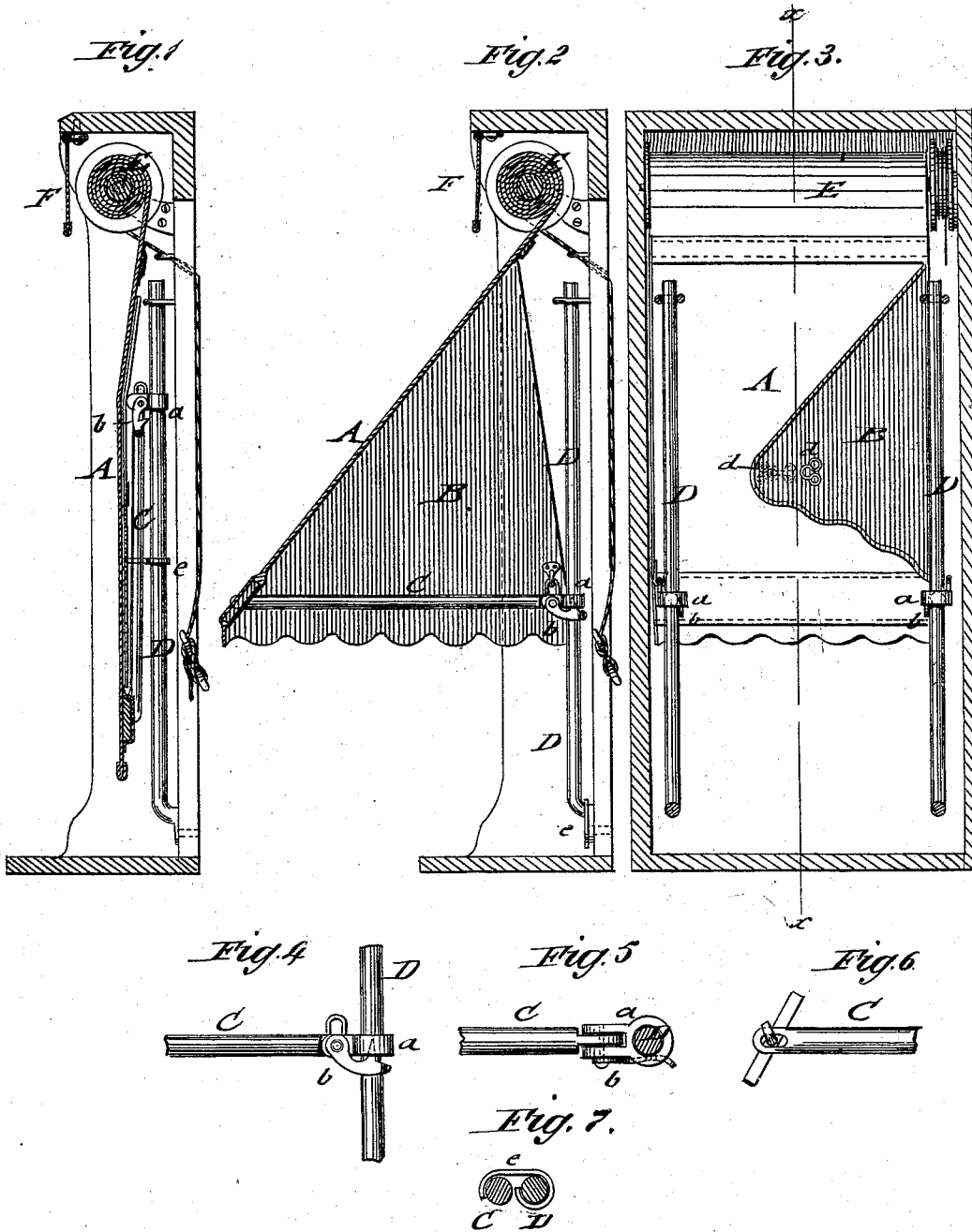


J. KOENIG.
Awning.

No. 203,923.

Patented May 21, 1878.



WITNESSES:
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UNITED STATES PATENT OFFICE.

JOSEPH KOENIG, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN AWNINGS.

Specification forming part of Letters Patent No. **203,923**, dated May 21, 1878; application filed April 3, 1878.

To all whom it may concern:

Be it known that I, JOSEPH KOENIG, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and Improved Awning, of which the following is a specification:

In the accompanying drawing, Figures 1 and 2 represent vertical transverse sections of a window-casing with my improved awning, taken on line *x x*, Fig. 3, and showing the awning, respectively, in closed position as an exterior curtain, or in position as an awning. Fig. 3 is an inside view of the awning with one of the side wings folded in and attached to the awning. Figs. 4 and 5 are detail side and top views, showing the connection of the stretching-rods of the awning with the vertical guide-rods. Fig. 6 shows the connection of the stretching-rods with the cross-slat of the awning, and Fig. 7 is a detail top view of a slide-hook for securing the stretching-rods in vertical position along the guide-rods.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved awning which may be adjusted into different positions, so as to shut out the sun or light, either partly or entirely, in convenient manner, the awning being also readily arranged so as to be closed at either side, and admit a draft of air at the opposite side.

The awning may be used as an exterior curtain and rolled up entirely, so as to be out of the way, being protected by the guard-piece at the top of the window-casing.

The invention consists of an awning with folding side wings, that may be attached to the main part of the awning and rolled up with the same.

The awning is applied by stretching side rods to the vertical guide-rods, and locked into rigid position thereon by pivot-hooks entering the sliding end sleeves of the side rods, which are jointed near the sleeves, and capable of being folded alongside of the guide-rods, either for closing the window entirely or for winding up the curtain. The side wings are attached by hook-and-eye connection to the side rods, or to the body of the awning, and wound up with the same on a top roller by suitable cord. A retaining slide-hook of the

guide-rod locks the side rod and guide-rod to each other.

Referring to the drawing, A represents an awning with folding side wings B, that are attached by hooks and eyes to the stretching side rods C, that extend from the cross-strip of the awning to the vertical guide-rods D, which are secured in any suitable manner to the window-casing. The body of the awning is provided above the side wings B with a stiffening cross wire or slat that runs through the middle of the awning and prevents the wings from drawing the main body together, the same allowing, also, the awning to be rolled up straight.

The side rods C are guided by end sleeves *a* along the upright guide-rods D, and jointed by pivot-connections to the sleeves, and locked into position on the guide-rods by pivot-hooks *b*, that enter from below into interior side recesses of the sleeves, so as to retain the side rods, by their wedge action on the guide-rods, rigidly in position for supporting the awning at any suitable height on the guide-rods. The outer ends of the side rods are attached by slotted eyes to the hook ends of the cross-strip of the awning, so as to be detached therefrom for the purpose of taking the whole awning down and replacing it by a new one when it is worn out.

The side wings B may also be folded up to and attached by their hooks to eyes *d* at the under side of the main body of the awning, when the entire awning is desired to be wound up on a top roller, E, or when it is used in lowered position for closing the window entirely, like an outside curtain.

The awning is extended above the side wings to a sufficient length to admit the entire closing of the window when lowered, the raising or lowering being accomplished in the usual manner by a pulley and cord applied to the top roller E.

By releasing the hooks of the side rods from the guide-rods, the sleeves may be moved up along the guide-rods, so that one or both side rods may be supported sidewise of the guide-rods, as shown in Fig. 1, by means of slide-hooks *e*, that are connected to the guide-rods, and bind, by their outer hook-shaped ends, on the side rods C.

When the awning is lowered for closing the window, the sleeves of the side rods are moved up on the guide-rods and the side rods placed alongside of the same; but when the awning is wound up upon the top roller the side rods are placed above the sleeves and follow the motion of the awning.

By raising one side rod and lowering the other in horizontal position, the sun may be shut out at one side and a free draft of air admitted at the other.

The top roller of the awning is protected against the weather by a guard, F, at the top of the casing, made of canvas, tin, or other suitable material.

The advantage of my improved awning consists in the facility by which the same may be arranged as an exterior curtain, or as an awning with both side wings down, or as a curtain open at one side for the admission of air and closed at the other side for keeping out the sun, or that the awning may be rolled up entirely, to be out of the way and protected when not required for use.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. An awning having its body provided above the side wings with a cross-wire that runs through the middle of awning, to prevent the wings from drawing the main body together and enable the awning to be rolled up straight.

2. The combination of an awning having stretching side rods hinged to sliding end sleeves with vertical guide-rods of the window-casing, and with retaining locking-hooks entering bottom recesses of the sleeves, substantially as set forth.

3. The combination of an awning having top extension, with stiffening cross-rod, folding side wings, and side rods hinged to sliding sleeves of the guide-rods, with the guide-rods and a winding top roller for winding up or lowering awning entirely, substantially as and for the purpose set forth.

JOSEPH KOENIG.

Witnesses:

OTTO SCHISSEL,

CHARLES KOEHNE.