March 3, 1931. H. W. McCURDY 1,795,031

WINDOW AWNING

Filed Sept. 24, 1930

Fig. 1

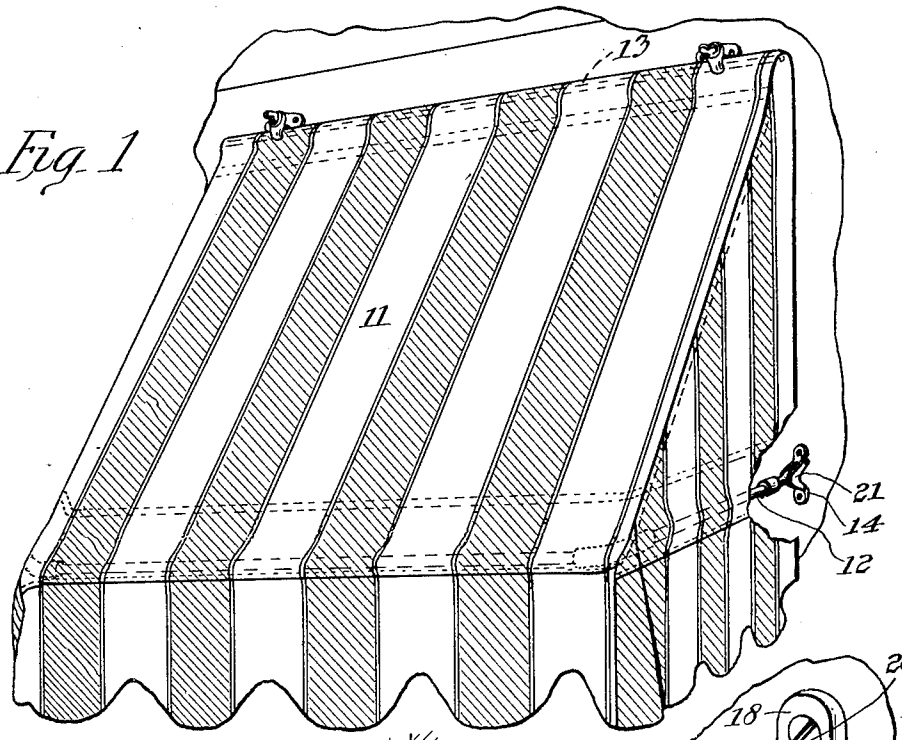


Fig. 2

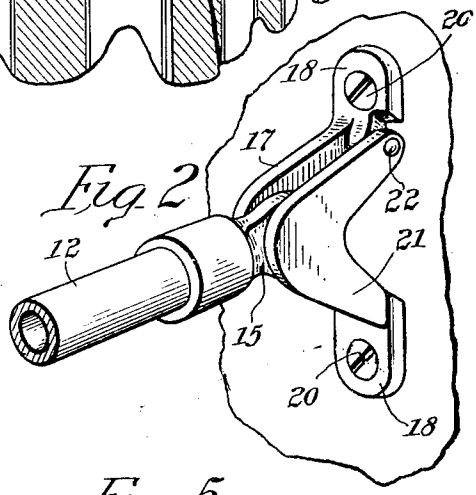


Fig. 3

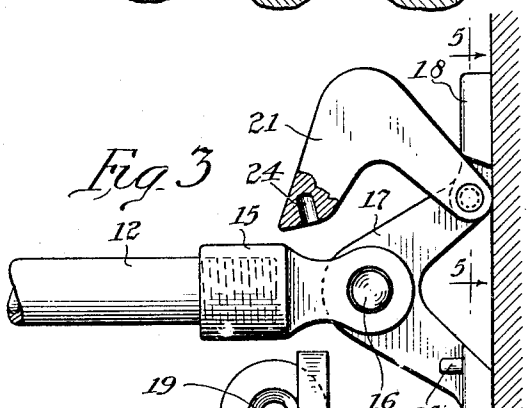


Fig. 4

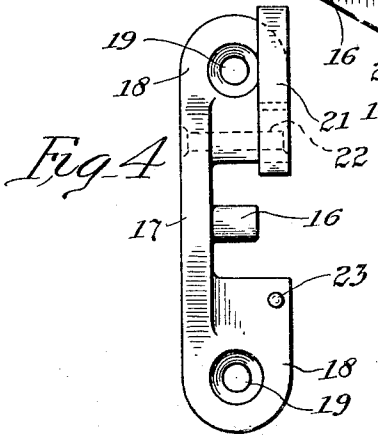
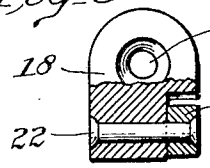


Fig. 5



INVENTOR:
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UNITED STATES PATENT OFFICE

HUGH WALTER McCURDY, OF CHICAGO, ILLINOIS

WINDOW AWNING

Application filed September 24, 1930. Serial No. 484,055.

My invention is concerned with window awnings, and is designed to produce an awning that can be more readily put up in the spring and taken down in the fall than has been possible with awnings as heretofore constructed.

To this end it consists of novel hinge connections between the U-shaped awning frame and the window casing.

To illustrate my invention, I annex hereto a sheet of drawings, in which the same reference characters are used to designate identical parts in all the figures, of which,—

Fig. 1 is a perspective view of an awning having my invention applied thereto, with a portion of the awning proper broken away;

Fig. 2 is a perspective view of the hinge connection;

Fig. 3 is a side elevation of the same with one ear of the connection lifted so that the frame can be removed;

Fig. 4 is a front elevation of the hinge member; and

Fig. 5 is a detail in section on the line 5—5 of Fig. 3.

The awning body 11 will be of the customary design, and is provided with the U-shaped frame 12 secured in the bottom thereof and with the rod 13 secured in the top thereof in the customary manner.

To hinge the frame 12 in position by easily detachable connections, I employ the novel hinge member 14, shown in Figs. 2, 3, 4 and 5. The ends of the U-shaped frame are provided with the customary hinge ears 15, preferably threaded on the ends, as shown in Fig. 3, and this hinge ear has the customary circular aperture therein co-operating with the pintle 16 which projects inwardly from the ear 17 of the hinge member 14, which consists of the base piece 18 having the apertures 19 therein for the screws 20 by which it is secured to the window casing. The base piece 18, in addition to the previously mentioned ear 17, has hinged thereto at its upper end the ear 21, the hinge being preferably formed by the pin 22 having the swaged ends. To prevent sidewise movement of the ear 21, I provide the pin 23, which may be on the base 18 and adapted to enter the recess 24, which may be on the ear 21, when the parts are assembled. The method of operation will be obvious, as all that is necessary to detach the frame will be to swing the ear 21 from the closed position, shown in Fig. 2, to the open position, shown in Fig. 3, where the end of the frame 12 can be slipped off of the pintle 16.

While I have shown and described my invention as embodied in the form which I at present consider best adapted to carry out its purposes, it will be understood that it is capable of modifications and that I do not desire to be limited in the interpretation of the following claims except as may be necessitated by the state of the prior art.

What I claim as new, and desire to secure by Letters Patent of the United States, is:

1. Means for detachably securing the U-shaped frame of an awning having hinge ears at its ends to the casing support consisting of a pair of hinge members each consisting of a base secured to the casing support and a pair of ears extending outwardly therefrom, one of said ears having a pintle for co-operating with the aperture of the associated frame hinge-ear, and the other ear being hinged to the base and capable of being swung into or out of holding position.

2. Means for detachably securing the U-shaped frame of an awning having hinge ears at its ends to the casing support consisting of a pair of hinge members each consisting of a base secured to the casing support and a pair of ears extending outwardly therefrom, one of said ears having a pintle for co-operating with the aperture of the associated frame hinge-ear, and the other ear being hinged to the base and capable of being swung into or out of holding position, said swinging ear and base members having cooperating lugs and recesses to prevent sidewise movement of the swinging ear members when they are in securing position.

3. As a new and useful article of manufacture, a hinge member consisting of a base, a pair of ears projecting outwardly therefrom, one of said ears having a pintle projecting toward the other ear, and the other ear being

pivoted at one end to the base and capable of being swung into and out of position to co-operate with the pintle.

4. As a new and useful article of manufacture, a hinge member consisting of a base, a pair of ears projecting outwardly therefrom, one of said ears having a pintle projecting toward the other ear, and the other ear being pivoted at one end to the base and capable of being swung into and out of position to co-operate with the pintle, said swinging ear and base having a co-operating lug and recess to prevent sidewise movement of the swinging ear member when it is in securing position.

5. As a new and useful article of manufacture, a hinge member consisting of a base, a pair of ears projecting outwardly therefrom, one of said ears having a pintle projecting toward the other ear, and the other ear being pivoted at one end to the base and capable of being swung into and out of position to co-operate with the pintle, said swinging ear being provided with a recess at its free end, and the base member having a lug co-operating therewith to prevent sidewise movement of the swinging ear member when it is in securing position.

In witness whereof, I have hereunto set my hand this 22nd day of September, 1930.

HUGH WALTER McCURDY.