M. A. McCULLOUGH.

AWNING.

APPLICATION FILED JAN. 9, 1917.

1,288,081. Patented Dec. 17, 1918.

Fig. 1.

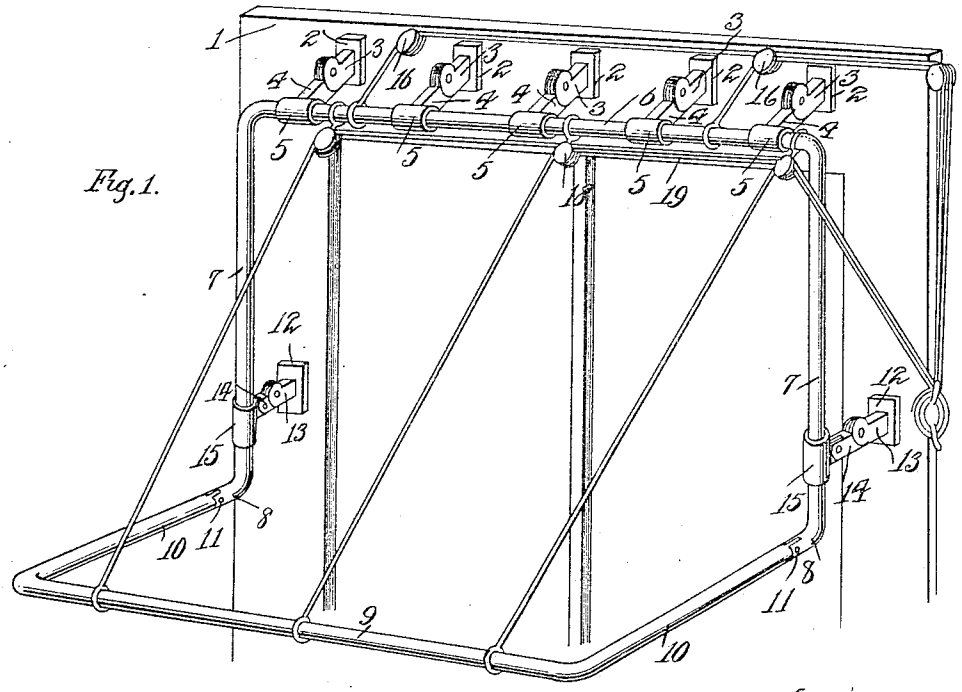

Fig. 4.

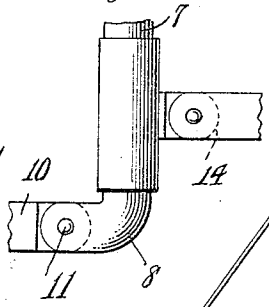

Fig. 2.

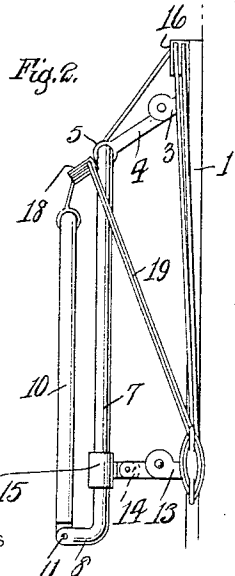

Fig. 3.

WITNESSES

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AWNING.

1,288,081. Specification of Letters Patent. Patented Dec. 17, 1918.

Application filed January 9, 1917. Serial No. 141,411.

To all whom it may concern:

Be it known that I, MARY A. McCULLOUGH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Awnings, of which the following is a specification.

My invention relates to new and useful improvements in awnings.

The primary object of the invention is the provision of means for supporting an awning in such a manner that a space may be left between the supporting structure and awning whereby ventilation may be secured.

A further object of the invention is the provision of an awning which is adjustable both vertically and horizontally with respect to the supporting structure.

Another object of the invention is the provision of means for raising and lowering the awning.

With these and other objects in view, the invention consists in the novel details of construction and arrangement of parts which will be more clearly understood from the following description and drawings, in which,

Figure 1 is a perspective showing the awning frame secured to a support,

Fig. 2 is a side elevation showing the pivoted arms of the frame raised and the frame spaced from the supporting structure for ventilation,

Fig. 3 is a side elevation showing the pivoted arms of the frame lowered and the frame raised to close the ventilating space, and

Fig. 4 is a fragmental detail showing a side view of the lower joints of the frame.

In the drawings the numeral 1 indicates a suitable supporting structure such as the wall of a building or the window frame. Brackets are secured to the supporting structure for engaging the top of the awning frame and these brackets comprise plates 2 which are secured to the supporting structure, projections 3 secured to the plate, or formed thereon, arms 4 pivotally connected to the projections 3 and sleeves 5 formed on the ends of the arms. The awning frame comprises a back section and a swinging section connected thereto. The back section comprises a horizontal bar 6 which passes through the sleeves 5, whereby the same is supported, and the vertical rods 7 having the right-angled extensions 8 on the lower ends thereof. The swinging section comprises a horizontal rod or bar 9 having the arms 10 extending at right-angles thereto and said arms 10 are pivotally connected to the extensions 8 at 11.

Side brackets are secured to the supporting structure and comprise the plates 12, projections 13, the arms 14 pivotally connected to the projections 13, and the sleeves 15 pivotally connected to the arms 14. The vertical rods 7 of the back frame member are adapted to pass through the sleeves 15 as is clearly illustrated in the drawing. Pulleys 16 are secured to the supporting structure and ropes 17 pass therethrough and are connected to the bar 6 of the back member of the frame. Pulleys 18 are secured to the bar 6 and ropes 19 pass therethrough and are connected to the bar 9 of the swinging section of the frame.

It will be understood that in the drawings, I have merely illustrated the frame structure of the awning to more clearly illustrate the same, but said frame will have the usual awning fabric secured thereto.

Having fully described the detailed structure of my device, it is thought that the advantages and mode of operation will be clearly understood. It will be seen that I have provided an awning of such a construction that it may be spaced from the supporting structure in such a manner that ventilation may be secured between the awning and supporting structure and the frame may be raised in such a manner as to close the space when it is desired, such as during a rain.

In Fig. 1 of the drawing, I have illustrated the awning frame in the position in which it will be when lowered and spaced from the supporting structure for providing a ventilating space. It will be seen that both the side and top brackets hold the back section of the frame away from the supporting structure and air can circulate between the supporting structure and awning frame. The swinging section of the awning may be raised without closing the ventilating space as is clearly illustrated in Fig. 2 of the drawings. The swinging section of the frame is raised by drawing upon the ropes 19 which are connected to the rod or bar 9 of the swinging structure. When it is desired to close the ventilating space, the ropes 17 are pulled, thereby drawing upwardly upon the rod 6

and when this is done the top brackets will swing upon their pivots and be raised into the position illustrated in Fig. 3 of the drawing. When this is done, the arms 14 of the side brackets will swing upon the pivot where it is connected to the projection 13 and assume the vertical position illustrated in Fig. 3 of the drawing. At the same time, the joint between the sleeve 15 and arm 14 will break to assume the position illustrated in Fig. 3. It will also be understood as illustrated in Fig. 3 of the drawing, the awning may be lowered or raised at will although the ventilating space is closed. From the above it will be found that I have provided an awning which may be raised and lowered the same as the awnings now commonly in use, and at the same time, a ventilating space may be left between the awning and the supporting structure.

Having fully described the invention what I claim as new and desire to secure by Letters Patent is:

In combination with a supporting structure, pivoted brackets secured horizontally of said supporting structure, horizontally extending sleeves formed on said brackets, a horizontal rod carried by said sleeves, depending rods formed on the horizontal rod, brackets secured to the supporting structure and provided with vertically extending sleeves for receiving the depending rods, arms pivotally connected to said depending rods, means for raising the horizontal rod, and means for raising the pivoted arms.

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

MARY A. McCULLOUGH.

Witnesses:
GERTRUDE E. ARCHER,
GEORGE DODDS.