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PATENTED JULY 31, 1906.

S. H. VOORHEES.
AWNING HOOD.

APPLICATION FILED JAN. 18, 1905.

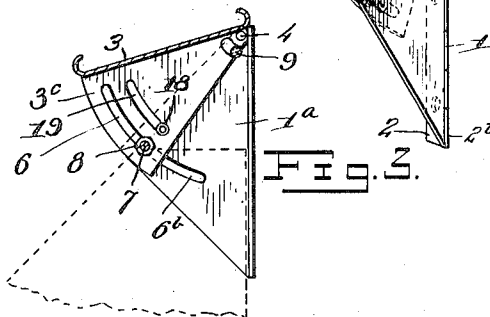
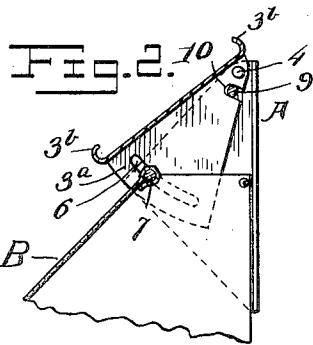
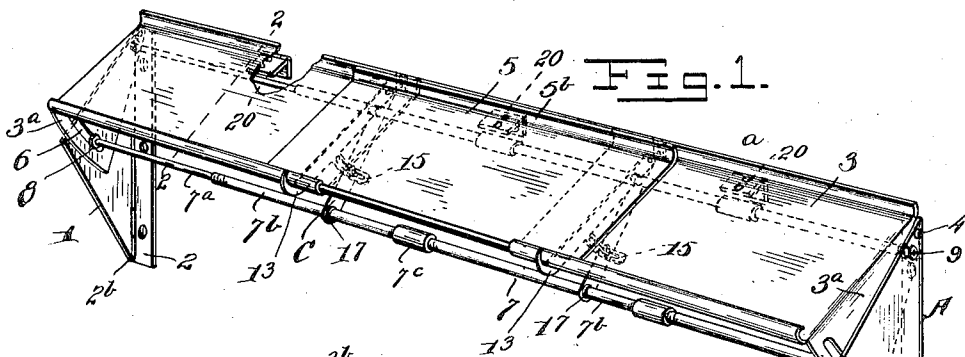


Fig. 5.

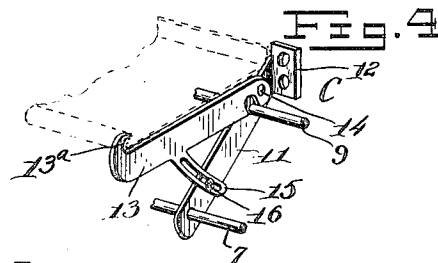
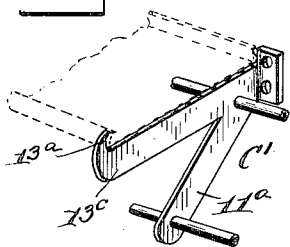


Fig. 6.

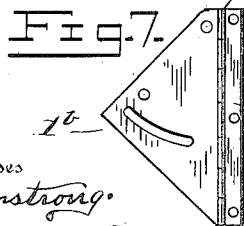
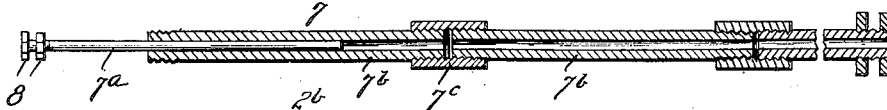
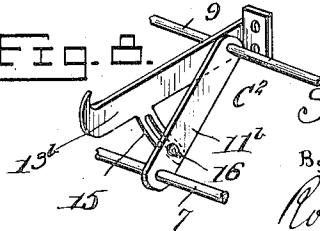


Fig. 8.



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AWNING-HOOD.

No. 827,483.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed January 18, 1905. Serial No. 241,576.

To all whom it may concern:

Be it known that I, SAMUEL HERBERT VORHEES, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Awning-Hoods, of which the following is a specification.

This invention comprises improvements in adjustable awning-hoods, the details of which will be pointed out in the following specification, taken in connection with the accompanying drawings, in which—

Figure 1 is a front perspective view of a complete awning-hood. Fig. 2 is a section on the line 2 2 of Fig. 1, showing also the upper part of an awning, partly broken away. Fig. 3 is a view similar to Fig. 2, showing one end of a hood in which the roof portion and the awning-rod are independently adjustable. Fig. 4 is a perspective view of one of the intermediate supporting devices for the roof portion of the hood and the awning-rods, like those shown in Fig. 1, the arm which supports the awning-rods being fixed and the arm which supports the roof being adjustable. Fig. 5 is a similar view of an intermediate supporting device in which both arms are fixed. Fig. 6 is a longitudinal section through one of the awning-rods. Fig. 7 is a side view of a hinged end bracket, and Fig. 8 is a perspective view of an intermediate supporting device in which the arm for supporting the roof is fixed and the arm for supporting the lower awning-rod is adjustable.

Referring to Figs. 1 and 2 of the drawings, A indicates the awning-hood, and B indicates an awning having its upper portion or peak cut away to permit a circulation of air through the top of the awning and out under the hood. The awning-hood, as shown, comprises two similar triangular end brackets 1, having perforated flanges 2 for attachment to a window-casing, and an extensible roof portion *a*, consisting of end sections 3, having downwardly-extending triangular flanges 3^a, which are pivotally connected at their rear or upper ends to the upper ends of the brackets 1 by means of bolts 4, and one or more intermediate roof-sections, such as the section 5. The intermediate roof-section 5, as shown,

overlaps the roof portions of the sections 3, and the upper and lower edges 3^a and 5^b of the roof portions are upwardly curved so that their overlapping sections are held together by said upwardly-curved edges. The lower upturned edges of the roof portions form a gutter, which causes rain-water to flow off at the ends of the hood instead of dripping on the awning and also prevents lighted matches, cigar-stumps, &c., which may be thrown upon the hood from falling upon and igniting the awning. This arrangement of overlapping roof portions having upturned edges is substantially the same as shown in my pending application, Serial No. 204,998. In the present application, however, the roof portion of the hood is vertically adjustable so as to vary the size of the opening above the awning and to permit the inclination of the roof to be varied. As shown in Figs. 1 and 2, the flanges 3^a, which form parts of the ends of the hood, are provided with slots 6, concentric with the pivot-bolts 4, and an awning-rod 7 extends through said slots and through openings in the brackets 1, and this rod is held in position by nuts 8, which are threaded onto the ends of the rod and clamp the flanges 3^a to the brackets 1. The rod 7 is made in sections in order to be extensible, as shown in detail in Fig. 6. This rod consists of an end section 7^a, which fits telescopically into tubular sections 7^b. The number of tubular sections will depend upon the length of the awning, and the ends of the tubular sections are threaded in order that each pair of sections may be connected by a coupling 7^c. This awning-rod supports the upper end of the awning B, as shown in Fig. 2. A similar rod 9 is shown connected to the brackets 1 near their upper ends, and the flanges 3^a are provided with recesses 10, which permit the flanges to move without interfering with the rod 9. This rod 9 may be used to support the awning-hood by links, as shown in my pending application above mentioned.

The rods and the roof portion of the hood are supported between the ends of the hood by intermediate supporting devices C, each consisting, as shown in Fig. 4, of a stationary arm 11, having a perforated flange or base 12 for attachment to the top of a window-casing

and an adjustable arm 13, secured at its rear end to the rear end of the stationary arm by a pivot-pin 14 and connected near its forward end to the stationary arm by a slotted arm 15, through which extends an adjusting-screw 16. The rods 7 and 9 are supported in the stationary arm, and the adjustable arms may be raised or lowered to suit the desired inclination of the hood. The arms 13 have upwardly-turned portions 13^a at their lower ends which extend around the gutter on the hood and support the roof portions. Collars 17 are arranged upon the awning-rods adjacent to the arms 11 for the purpose of preventing longitudinal movement of the intermediate sections of the rods.

In Fig. 3 the end bracket 1^a is provided with a slot 6^b in line with the slot 6 in the flange 3^a, thus permitting the awning-rod 7 to be adjusted in the bracket 1^a and also permitting the flange 3^a to be adjusted either with the awning-rod or independently of said rod. The flange 3^a and the bracket 1^a may be secured by a bolt 18, secured to the bracket 1^a and extending through a slot 19 in the bracket 3^c.

In Fig. 5 I have shown a device for supporting the intermediate portions of the hood in which the arms 11^a and 13^c are integrally connected instead of being relatively adjustable. This bracket may be used where it is not desired to adjust the awning-roof.

In Fig. 7 an end bracket 1^b is shown in which the flange 2^a is connected by a hinge-joint 2^b to the main portion of the bracket. This hinge-joint is desirable for the reason that it facilitates assembling the hood and enables the fastening devices to be inserted through the flange while the bracket is laid out flat.

In Fig. 8 an intermediate supporting device C² is shown in which the arm 13^b, which supports the roof portion of the hood, is fixed and the arm 11^b, which supports the lower awning-rod, is adjustable. In this figure the arm 11^b is hinged upon the upper rod 9 and the two arms are connected by a slotted arm 15 and bolt 16, as in Fig. 4.

If desired, hinges 20 (shown in dotted lines in Fig. 1) may be attached to the roof portions near their upper edges for the purpose of securing said roof portions to the window-casing.

What I claim, and desire to secure by Letters Patent, is—

1. An awning-hood comprising a pair of end brackets, an adjustable roof portion pivotally connected to the end brackets, and means for securing said roof portion in various positions of adjustment.

2. An awning-hood comprising a pair of end brackets, an adjustable roof portion hav-

ing flanges fitting against said end brackets and pivotally connected thereto, and means for securing said flanges to said brackets in various positions of adjustment.

3. The combination with a longitudinally-extensible awning-hood of a sectional awning-supporting rod comprising two end sections supported in the ends of the hood, and one or more intermediate sections having a sliding connection with one of said end sections and secured to the other end section.

4. The combination with an awning-hood having a roof portion suitably supported at its ends, of one or more devices arranged to support the intermediate portion of the hood, each of said devices having an arm extending beneath the roof of the hood and having an upward projection engaging the lower end of the roof.

5. The combination with an extensible awning-hood comprising several overlapping roof-sections, of devices arranged to support said sections intermediate the ends of the hood, each of said devices having an arm extending beneath the roof and provided with an upward projection engaging the lower edge of the roof.

6. The combination with an awning-hood comprising end brackets and a roof portion hinged to said brackets, of one or more intermediate supporting devices each having a hinged arm arranged beneath and supporting the roof portion of the hood.

7. The combination with an awning-hood comprising end brackets and a roof portion hinged to said brackets, of one or more intermediate supporting devices each having a hinged arm arranged beneath and supporting the roof portion of the hood, said arms having upward projections engaging the lower edge of the roof portion.

8. The combination with an awning-hood comprising end brackets and a roof portion hinged to said brackets, of one or more intermediate supporting devices each having an arm arranged beneath and supporting the roof portion of the hood and an arm adapted to support an awning-rod, and an awning-rod supported by said latter arms.

9. The combination with an awning-hood comprising end brackets and a roof portion hinged to said brackets, of one or more intermediate supporting devices each having a hinged arm arranged beneath and supporting the roof portion of the hood and an arm arranged to support an awning-rod, and an awning-rod supported by said latter arms.

10. The combination with an awning-hood comprising end brackets and a roof portion connected to said end brackets, of one or more intermediate supporting devices, each of said devices comprising a fixed arm, and

an arm adjustably secured to said fixed arm, one of said arms being arranged to support the roof portion of the hood and the other of said arms being arranged to support an awning-rod, and an awning-rod supported by said latter arms.

11. In an awning-hood, the combination with a roof portion, of a pair of end brackets connected to said roof portion, each end bracket having an attaching-flange connected thereto by a hinge-joint.

12. The combination with an awning-hood having end brackets and a sectional roof portion hinged to said brackets, of hinges for securing the roof-sections to a window-casing.

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

SAMUEL HERBERT VOORHEES.

Witnesses:

FLORENCE M. RAMSAY,
HARRY H. CARPENTER.