

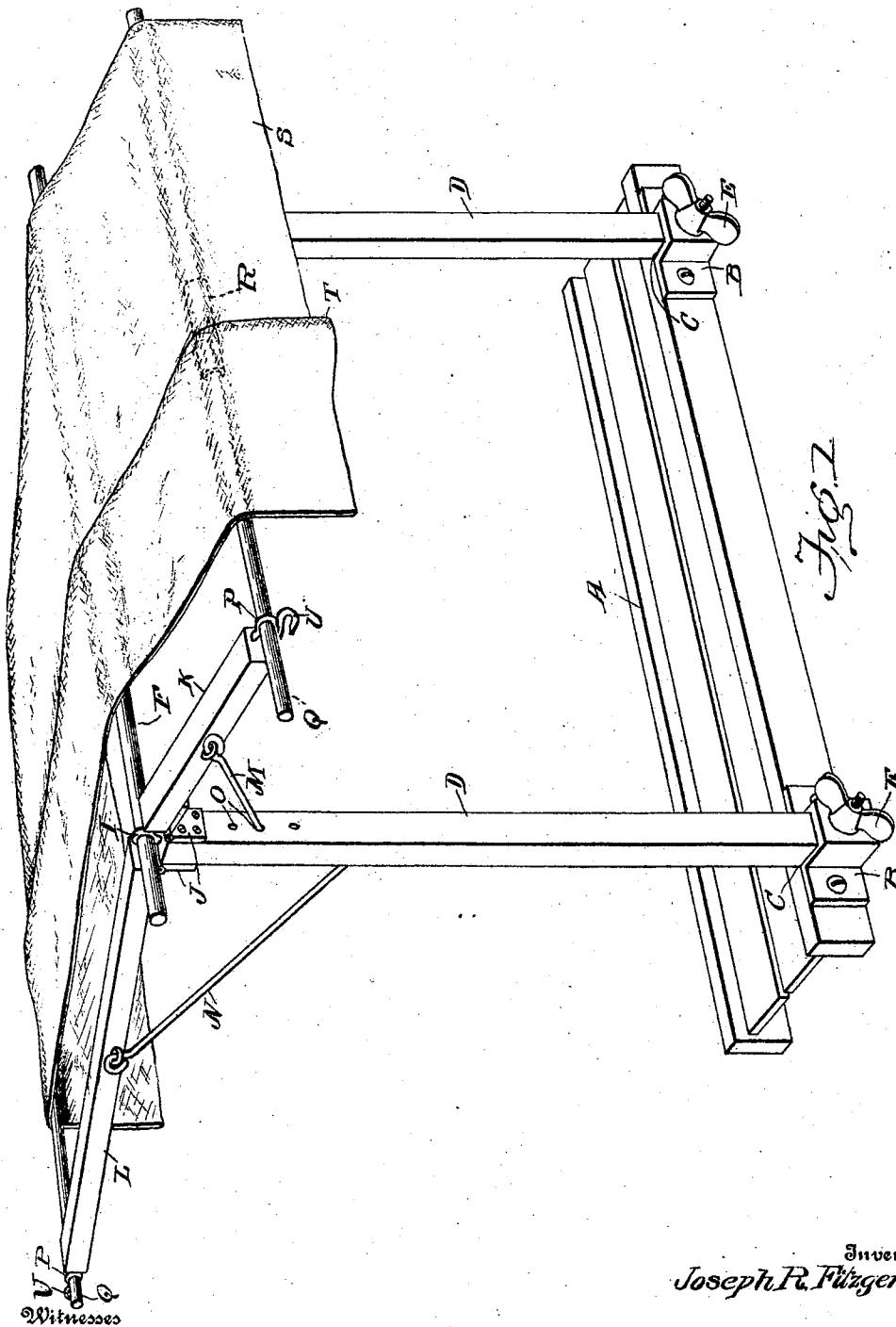
No. 847,327.

PATENTED MAR. 19, 1907.

J. R. FITZGERALD.
PORTABLE AWNING.

APPLICATION FILED FEB. 19, 1906.

2 SHEETS—SHEET 1.



Witnesses

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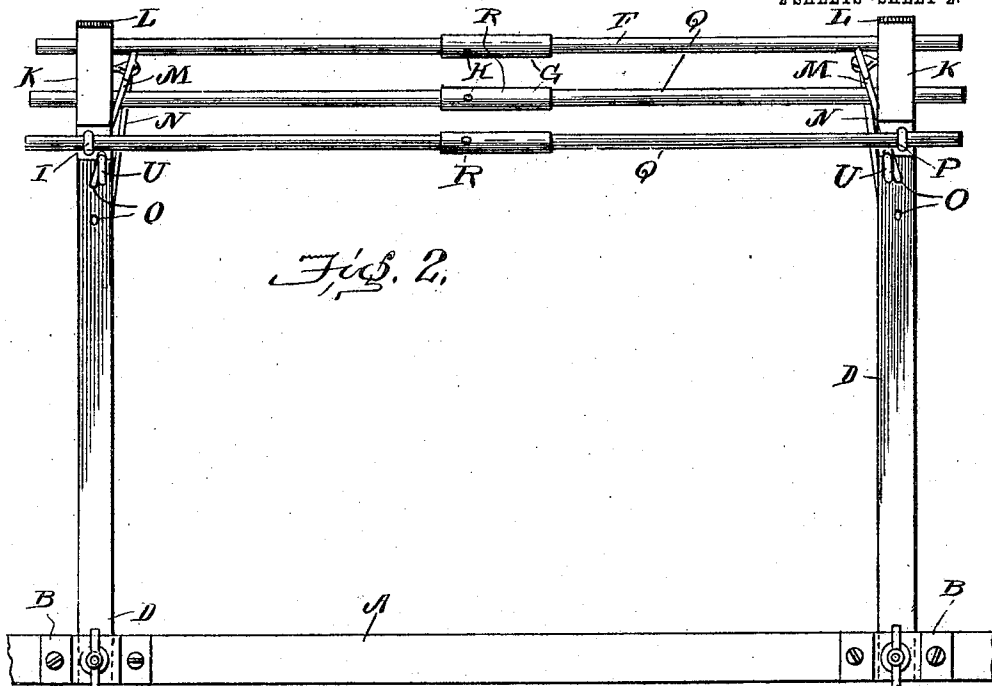


Fig. 2.

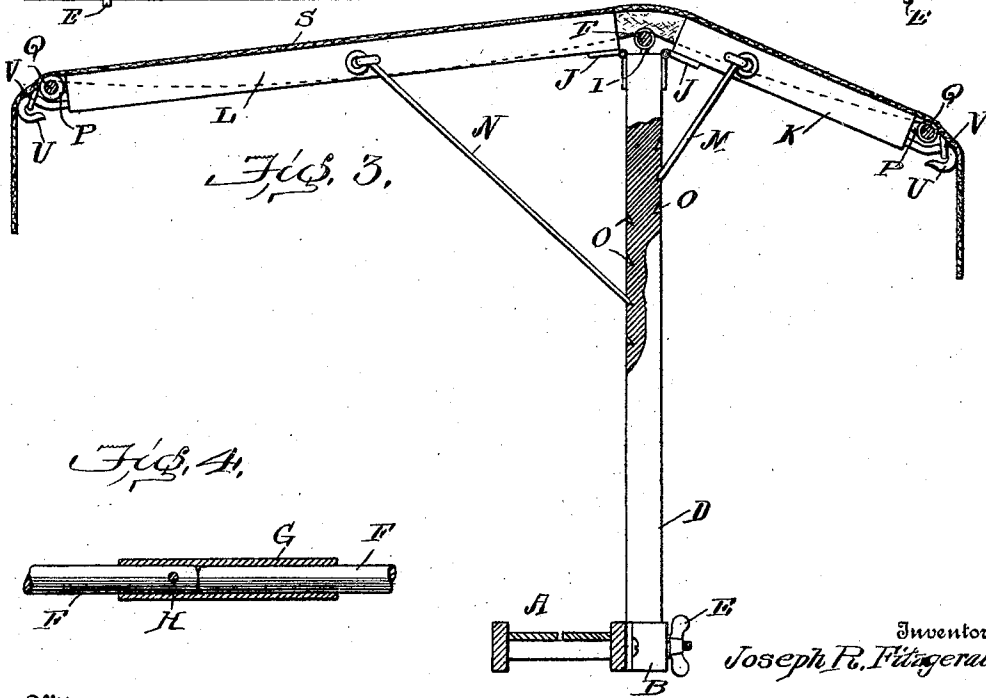


Fig. 3.

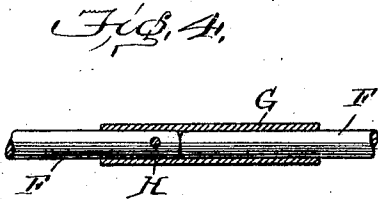


Fig. 4.

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JOSEPH R. FITZGERALD, OF SPRINGFIELD, OHIO.

PORTABLE AWNING.

No. 847,327.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed February 19, 1906. Serial No. 301,755.

To all whom it may concern:

Be it known that I, JOSEPH R. FITZGERALD, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Portable Awnings, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in portable awnings; and the invention is designed principally for use by brick and stone masons, carpenters, and painters who are exposed to the intense heat of the sun in the summer months in erecting and painting buildings.

The general object of the invention is to provide a portable awning comprising a frame adapted to be attached to building-scaffolds and the like, to be extended or contracted in length, and to be widened or narrowed in width and adjusted in the slant of the roof to protect the user when the sun is at varying heights.

With these ends in view the invention consists of the construction hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my improved portable awning with a part of the canvas in section to show the construction of some of the parts, the figure also illustrating a part of a building-scaffold to which the awning is attached. Fig. 2 is a side elevation of the awning-frame with the canvas removed; Fig. 3, a transverse vertical sectional view of the device, and Fig. 4 a detail sectional view of the sleeve for connecting two of the extendible sheathing-rods.

The letter A designates a part of a scaffold or workman's platform erected alongside of a building under process of construction and designed for the bricklayers, carpenters, painters, or other workmen to stand on while engaged in their work. It is to protect them from the heat of the sun in the warm season, to add to their comfort, as well as their safety as against sunstroke, that my awning is to be applied to this scaffold or platform. As a part of the device I provide clips B, adapted to be screwed or nailed to the scaffold or platform and constituting sockets C, into which the standards D of my device are fitted and held by a set-screw E at different heights, according to convenience. A pair

of these standards is employed in each device, and they are connected by an extendible sheathing-rod F, made in two or more sections and coupled at their meeting ends by means of a coupling or sleeve G, as shown in Fig. 4. The sleeve is secured, as by a pin H, to one of the sections, while the other section is slidable in the coupling, so as to vary the length of the rod as a whole to adjust its length to the desired distance between the standards D, to which the rod is connected, by passing through an eye I, secured to each standard. To the standards are connected by hinges J adjustable rafters K and L, supported by the respective braces M and N, whose free ends set in recesses O in the standards. By this means the rafters can be adjusted to different inclinations or can be laid down altogether, so that the canvas will be supported either on both sides of the standards or on either side. The rafters have eyes P, into which are fitted other sheathing-rods Q, likewise made in sections and having their sections extendibly connected together by other couplings R, as indicated by the dotted lines in Fig. 1. By this means all of the sheathing-rods can be likewise adjusted in length. It will thus be seen that a roofing-frame is comprised of these rafters and sheathing-rods ready to receive and support the canvas, (designated S,) which lies upon this roofing-frame and drops down on either side as far as may be desired. In order that the canvas may be adjusted to agree with the adjusted lengths of the sheathing-rods, I preferably make the canvas of maximum width and provide it with a fold at a convenient place, as shown at T in Fig. 1, by means of which when the sheathing-rods are adjusted to short lengths the canvas can be likewise narrowed by increasing the width of the fold. To prevent the canvas from blowing off, I provide the rafters with hooks U, over which are hooked the loops V, carried by the canvas.

It will now be seen that this structure is not only portable and light and strong and perfectly adapted to different situations, but that it is extendible and also foldable. It is foldable because by disengaging the braces M and N from the standards the rafters can be let down so as to lie against the standards, taking with them the sheathing-rods and the canvas. It is further foldable by disconnecting the sheathing-rod sections and withdrawing the sheathing-rods from the eyes I

and P, whereby the standards can be brought together and the rods assembled alongside the standards, while the canvas will be used to wrap up the assembled parts into a bundle. The clips B will of course be removed from the scaffold and attached to the other parts when the device is being transported.

It will be observed that the rafters K are shorter than the rafters L. This is so because that side of the device occupied by the rafters L is usually used as the canopy to protect the workmen when the sun is well up, while that side occupied by the rafters K is employed more as an adjustable awning to let down so as to intercept the slanting rays when the sun is well down in the afternoon or is yet low in the forenoon.

While I have specially mentioned the use of my invention by brick and stone masons and other artisans, it will be understood that it may be used by gardeners and others working in exposed places other than on building-platforms.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a portable awning, the combination, with a plurality of standards adapted to be removably secured to a fixed structure, of rafters hinged to the standards and having braces to secure them in different positions, sheathing-rods loosely supported from said standards and connecting the one standard and its rafters to the other standard and its rafters, and thus forming the interconnection between these two portions of the structure, and a canvas adapted to fit over and upon the sheathing-rods and rafters.

2. In a portable awning, the combination, with a plurality of standards adapted to be removably secured to a fixed structure, of rafters hinged thereto, braces to secure said rafters in different positions, sheathing-rods connecting one standard and its rafters with the other standard and its rafters said sheathing-rods being longitudinally adjustable on said standards, and a canvas supported upon said sheathing-rods.

3. In a portable awning, the combination, with clips adapted to be secured to a fixed structure, and standards removably secured in the clips, of rafters hinged to the standards, braces to adjustably support the rafters, extendible sheathing-rods made in sections and adjustably connecting the one standard and its rafters with the other standard and its rafters, and a canvas having means to attach it to the framing to prevent its dislodgment, adapted to overlie the said rods and rafters and having a fold to adapt it to be varied in width.

4. In a portable awning, the combination, with suitable removable clips, and standards removably secured in the clips, of rafters hinged to the standards and having supporting-braces to adjust their positions, sheathing-rods made in extendible sections carried by the standards and rafters, and a canvas supported by such framing, one set of rafters being relatively long and the other short, the one for the overhead canopy portion of the canvas and the other for the lower or side protecting portion of the canopy, and the canvas having a fold to permit of adjusting its width.

5. In a portable awning, the combination, with standards, and rafters hinged thereto, braces to adjustably support the rafters, rod-supports carried by said standards and said rafters, sheathing-rods removably mounted in said supports and connecting the one standard and its rafters with the other standard and its rafters, the rafters being adapted to fold down to the sides of the standards when the braces are disconnected, and the sheathing-rods to be removed to permit the two standards with their rafters to be placed together and they and the rods to be assembled into a transportable bundle.

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

JOS. R. FITZGERALD.

Witnesses:

R. H. LITTLE,
W. M. LITTLE.