

No. 696,378.

O. R. OLSON.  
AWNING.

Patented Mar. 25, 1902.

(Application filed Nov. 7, 1901.)

(No Model.)

Fig. 1

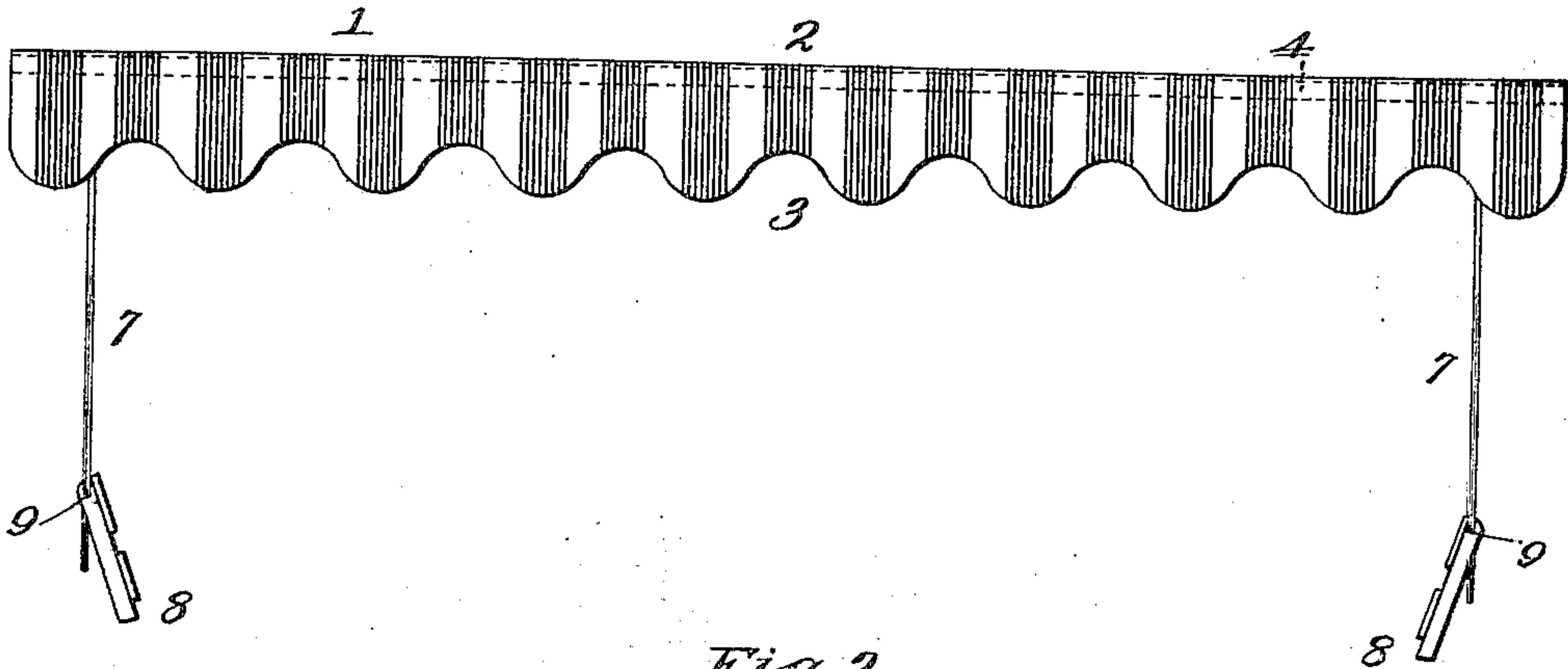


Fig. 2

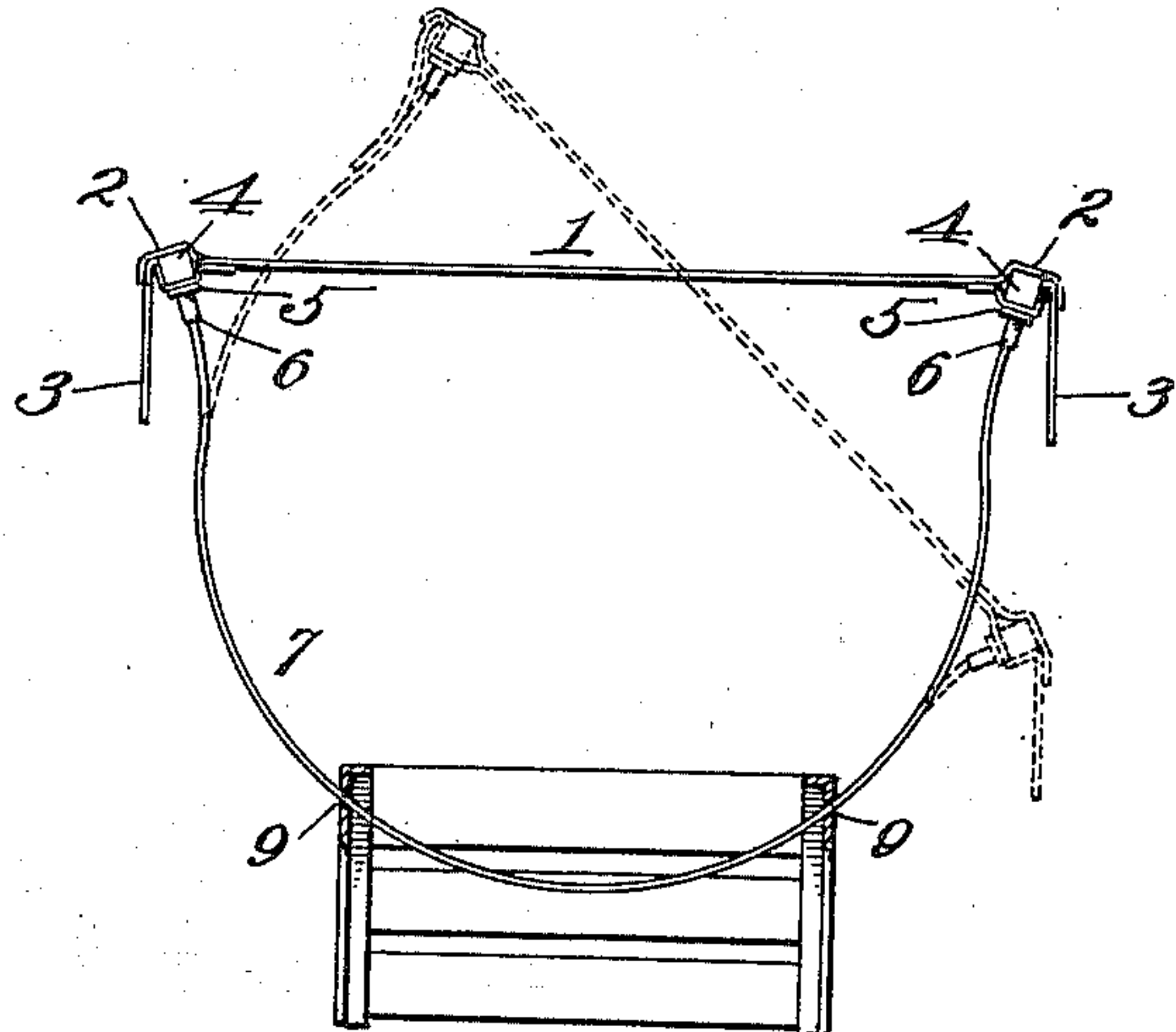
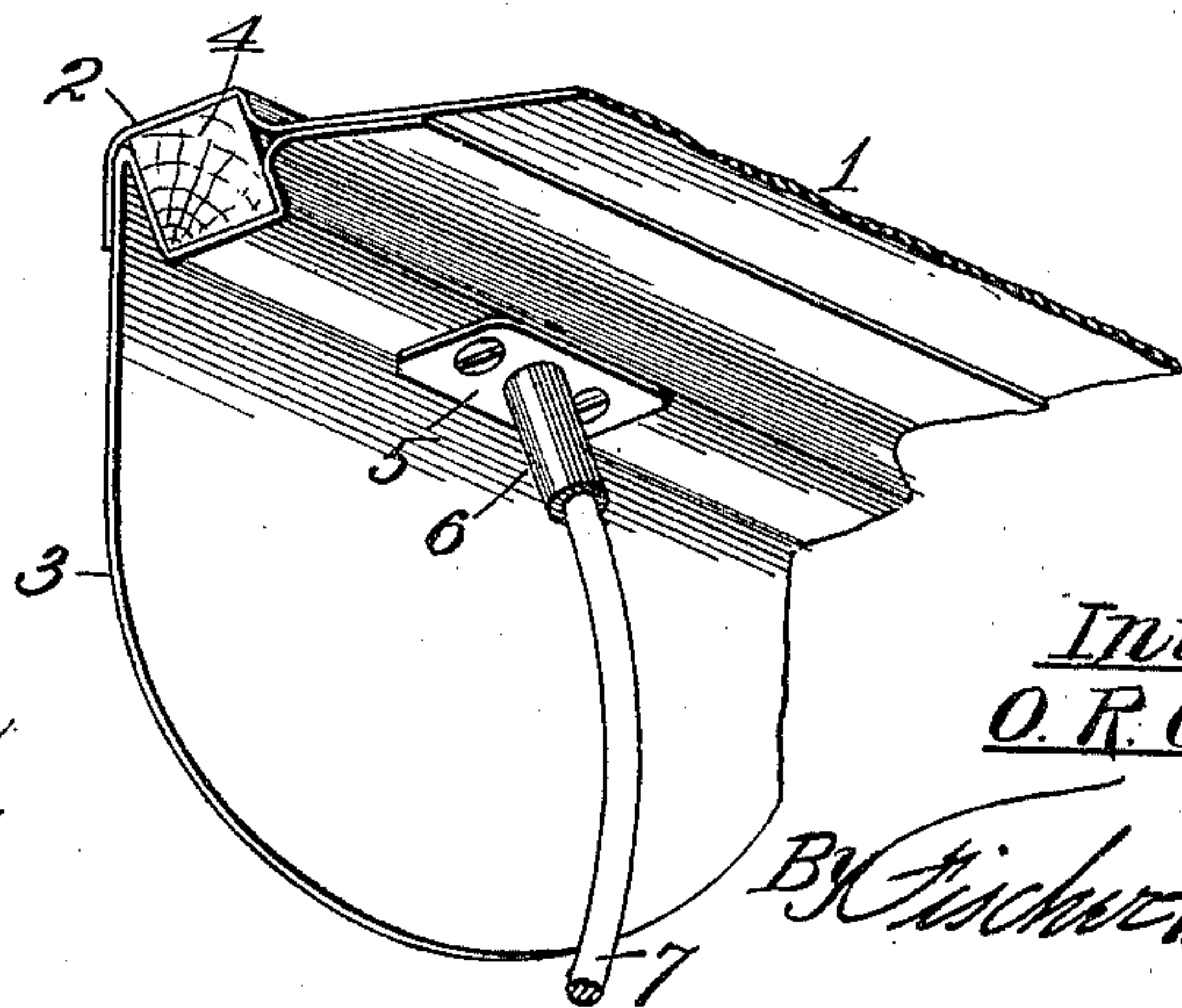


Fig. 3.



Witnesses:

Arthur M. Arthur  
H. C. Rodgers.

Inventor  
O. R. OLSON

By *Richard Thorpe*  
Attys.



# UNITED STATES PATENT OFFICE.

OLOF R. OLSON, OF KANSAS CITY, MISSOURI, ASSIGNOR TO HORIZONTAL SWING CO., OF KANSAS CITY, MISSOURI, A CORPORATION OF MISSOURI.

## AWNING.

SPECIFICATION forming part of Letters Patent No. 696,378, dated March 25, 1902.

Application filed November 7, 1901. Serial No. 81,486. (No model.)

*To all whom it may concern:*

Be it known that I, OLOF R. OLSON, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Awnings, of which the following is a specification.

My invention relates to awnings; and my object is to produce an awning peculiarly appropriate as a shade for lawn chairs and swings and also for hammocks suspended from a portable framework.

A further object is to produce an awning of this character which is quickly and easily canted to one side or the other, so as to intercept the sun's rays, without the use of cords of any kind and without manipulating the cover independent of its framework.

A still further object is to produce a device of this character which reliably maintains any position to which it is adjusted without the use of fastening devices, such as cords, hooks, pawl-and-ratchet mechanisms, &c.

A still further object is to produce an awning which is exceedingly simple, strong, and durable and which can be manufactured cheaply and is of knockdown or folding construction.

To the above purposes the invention consists in certain novel and peculiar features of construction and combinations of parts, as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 is a side elevation of an awning embodying my invention as mounted operatively upon a couple of frames, which frames may be a part of a framework for a hammock or a swing or may be portions of a couple of chairs, either stationary or swinging. Fig. 2 is an end view of the same with the awning canted in dotted lines. Fig. 3 is a perspective view of one corner of the awning.

In the said drawings, 1 designates the cover or fabric portion of the awning, the same being preferably of oblong rectangular form and provided at its side margins with loops 2 and curtains 3, depending from said loops.

4 designates stiffening-rods, preferably of wood and square in cross-section.

5 designates plates, four in number and located near the four corners of the cover, said plates being screwed, as shown, or otherwise secured to the under side of rods 4 and the interposed loops and provided with tubular sockets 6 to receive the upper and outwardly-flaring ends of the inverted semicircular arch standards 7, located near the opposite ends of the cover. The relation between said standards and the cover when engaged is such that the latter is under tension, which fact, together with the outward flare of the upper ends of the standards, makes it practically impossible for any ordinary wind to lift the cover from the standards, as will be readily understood by reference to Figs. 2 and 3, where it will be seen that this outward flare of the ends of the standards tilts the rods and socket-plates to corresponding angles and that in consequence it is necessary to spring the standards inward slightly before the cover can be removed therefrom. Of course the same effect may be produced by having stiff standards and a transversely-elastic cover. The latter, however, is not the preferred construction.

To support the awning in operative position, a framework, either stationary or movable, as shown at 8, is provided with a pair of holes by preference, as at 9, through which the arch portions of the standards extend, the relation being a sliding one, so that the occupant or occupants can be shielded from the sun entering at either side by simply grasping one of the standards and revolving it, as indicated in Fig. 2. The awning maintains any position to which it is adjusted, but cannot be adjusted longitudinally independent of the framework or support 8 and cannot oscillate accidentally in a lateral direction. The holes 9 are shown as formed directly in framework 8; but it will be understood, of course, that metal loops or eyes to serve as holes may be screwed, bolted, or otherwise secured to the framework.

For shipment the standards are disengaged from the framework or support and from sockets 6, and the cover is rolled upon one of its side rods 4.

While I have illustrated and described the preferred embodiment of the invention, it is



to be understood that it is susceptible of modification in various particulars without departing from the principle and scope or sacrificing any of its advantages.

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

10 1. An awning, consisting of inverted semicircular arch standards, and a cover or shade of suitable construction and material detachably connecting the upper ends of the arms of the standards, and made rigid longitudinally to hold the standards in a fixed relation to compel one to move with the other.

15 2. The combination with a suitable support or framework, of an awning, consisting of inverted semicircular arch standards, fitting slidingly in said support, and a cover or shade of suitable construction and material  
20 connecting the upper ends of the standards.

25 3. The combination with a suitable support or framework, of an awning, consisting of inverted semicircular arch standards, fitting slidingly in said support or framework, and a cover or shade, made rigid longitudi-

nally, connecting the arms of and therefore bridging the space between said standards.

4. The combination with a suitable support or framework, of an awning, consisting of inverted semicircular arch standards of resilient material, fitting slidingly in said support or framework, and a cover or shade made rigidly longitudinally, connecting the arms of and therefore bridging the space between said standards. 30 35

5. The combination with a suitable support or framework, of an awning consisting of inverted semicircular arch standards of resilient material, fitting slidingly in said support or framework, and a cover or shade having longitudinal stiffening-rods and socket-plates at its side margins, the latter being adapted to receive the upper ends of the resilient standards, substantially as described. 40

In testimony whereof I affix my signature 45 in the presence of two witnesses.

OLOF R. OLSON.

Witnesses:

ARTHUR MCARTHUR,  
G. Y. THORPE.