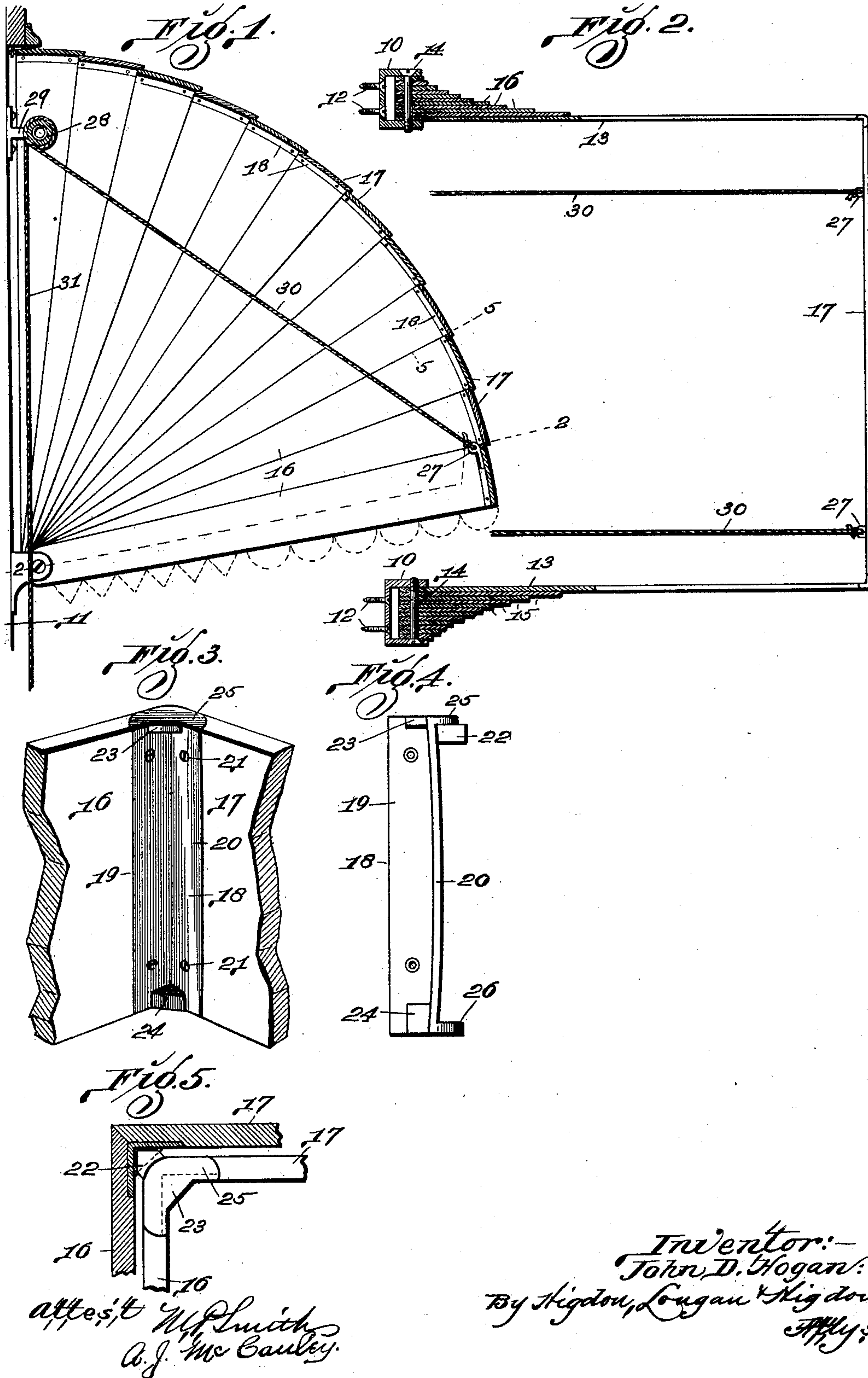


(No Model.)

J. D. HOGAN.  
AWNING.

No. 603,691.

Patented May 10, 1898.





# UNITED STATES PATENT OFFICE.

JOHN D. HOGAN, OF ST. LOUIS, MISSOURI.

## AWNING.

SPECIFICATION forming part of Letters Patent No. 603,691, dated May 10, 1898.

Application filed June 18, 1897. Serial No. 641,330. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN D. HOGAN, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Awnings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to awnings; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

My object is to construct an awning of metal or wood that will telescope.

Figure 1 is a vertical sectional view taken on a line transversely of the telescoping bows or slats. Fig. 2 is a horizontal section taken approximately on the line 2 2 of Fig. 1. Fig. 3 is a view in perspective upon an enlarged scale and illustrating the connections between the slats or bows, parts being broken away to economize space. Fig. 4 is a side elevation of the corner-piece shown in Fig. 3. Fig. 5 is a horizontal section taken approximately on the line 5 5 of Fig. 1, parts being broken away.

Referring to the drawings by numerals, the brackets 10 are attached to the window-casing 11 by means of the screws 12, said brackets being mounted in horizontal alinement one upon each side of the window. The bows or slats 13 are arranged to telescope one inside of the other, and their ends are placed in the brackets 10. The bolts 14 are inserted through the brackets 10 and through the ends of the bows 13, as required to form pivotal connections between the bows 13 and the window-frame. Each one of the bows 13 consists of the side pieces 15 and 16 and the cross-piece 17, connecting the outer ends of said side pieces. The connection between the side pieces 15 and 16 and the cross-piece 17 is shown in Figs. 3, 4, and 5. The ends of the slats are connected by means of the casting 18, and the casting 18 consists of the portions 19 and 20, joined together at right angles to each other, and said portions 19 and 20 are embedded in the inner faces of the meeting ends, as shown in Fig. 5, and are secured to said meeting ends

by means of the screws 21. The lug 22 projects outwardly from the upper end of the casting against the inner face of the next outer casting. The trough formed by the portions 19 and 20 is closed at its ends by the lugs 23 and 24, said lugs forming stops, against which the lug 22 engages, said lug 22 operating in the trough thus formed.

When the awning is lowered, as shown in Fig. 1, the lug 22 of one casting engages the lug 24 of the next casting, and when the awning is folded the lug 22 of one casting engages the lug 23 of the next casting. The plate 25 projects from the upper end of the casting and covers the upper edges of the meeting ends of the slats, as shown in Fig. 3, and a similar plate 26 projects from the lower end of the casting and covers the lower edges of the meeting ends of the slats. The ears 27 are attached to the inner face of the inner one of the cross-pieces 17, as shown in Fig. 1. A Hartshorn roller 28 is mounted in the brackets 29, and said brackets are secured to the window-frame 11 near the upper part of the window and inside of the awning. The cords 30 connect the roller 28 with the ears 27, and the cord 31 is attached to the roller 28 and depends downwardly as a means of operating the roller. When the cord 31 is pulled slightly to release the roller 28, the spring within the roller operates to wind up the cords 30, thus elevating the awning, and when it is desired to lower the awning the cord 31 is drawn downwardly; thus unwinding the cords 30.

The portions 17 of the bows are slightly curved in cross-section, as indicated by the curvature of the portion 20 of the casting 18, as shown in Fig. 4.

The bows may be constructed of metal, wood, papier-mâché, or any other suitable material.

I claim--

In an awning, the bows 13, consisting of the side pieces 15 and 16 and the cross-pieces 17, and the casting 18 connecting the ends of the cross-pieces 17 to the ends of the side pieces 15 and 16; each of said castings consisting of the portions 19 and 20 formed at right angles

to each other, the lug 22 projecting outwardly  
from the upper ends of said portions, and the  
lugs 23 and 24 closing the ends of the trough  
formed by said portions, the lug 22 of one cast-  
5 ing extending into the trough of the next outer  
casting and the lugs 23 and 24 forming stops  
for said lug 22, substantially as specified.

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

JOHN D. HOGAN.

Witnesses:

ALBERT J. McCAULEY,  
M. P. SMITH.