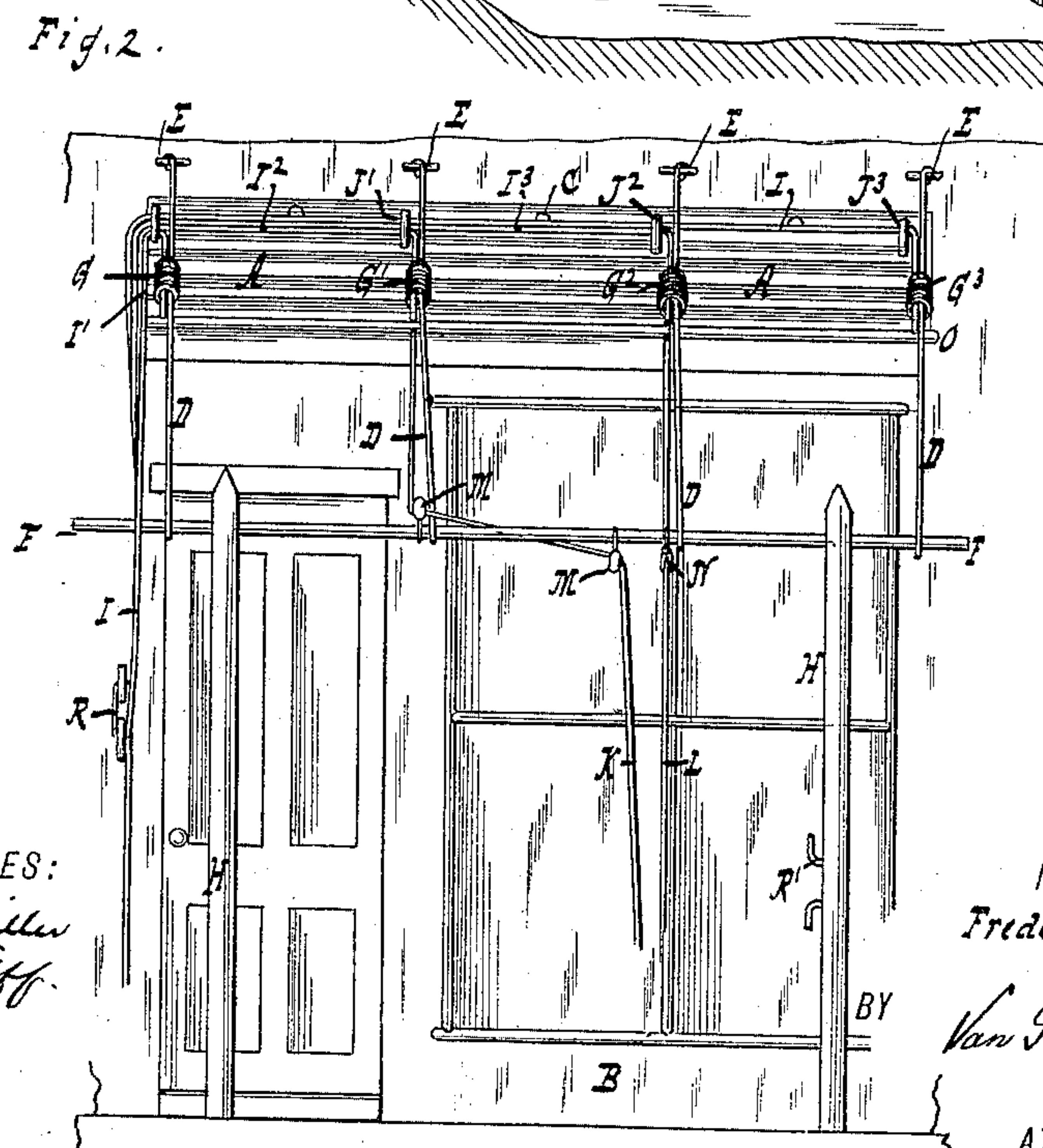
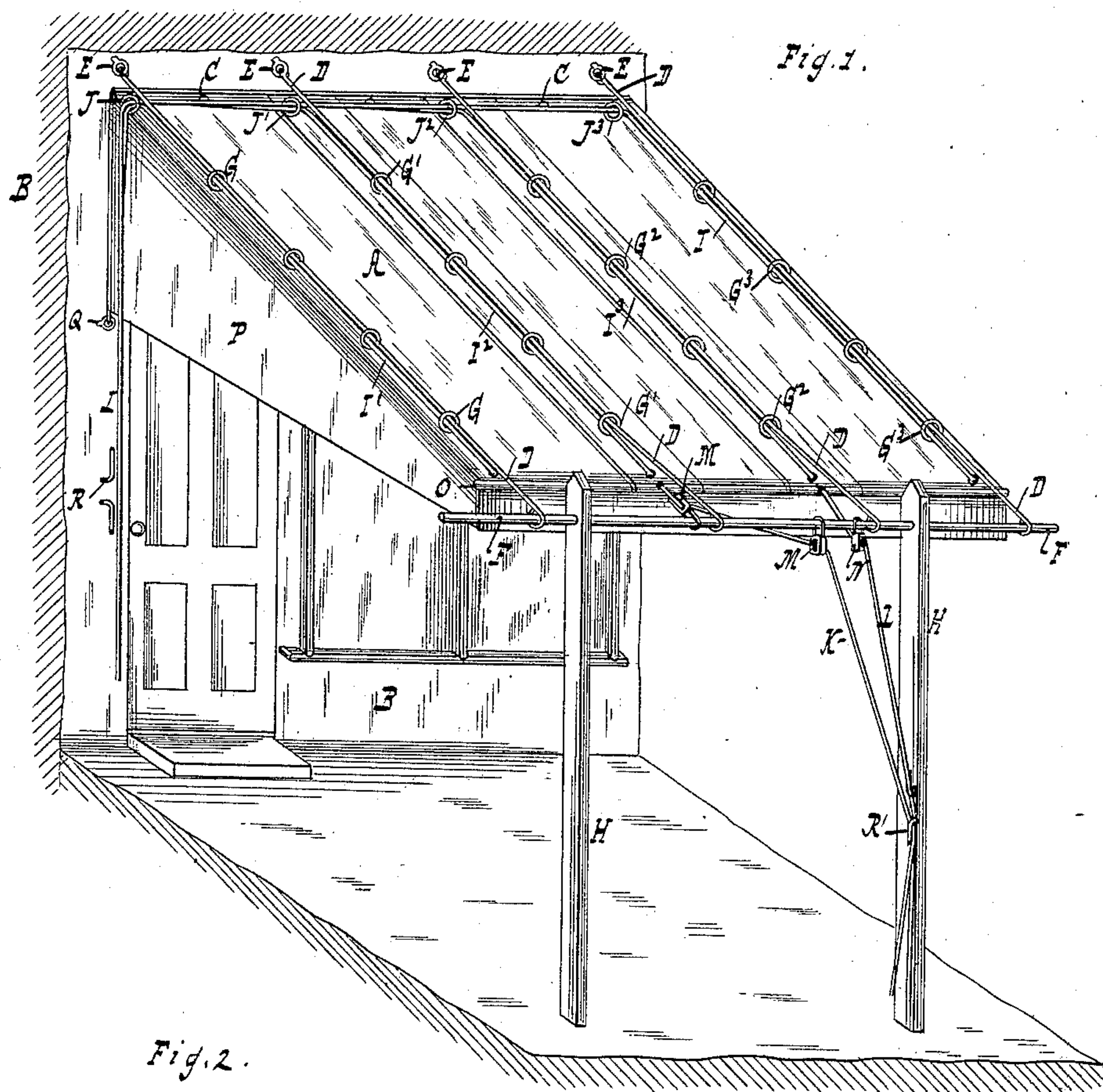


(No Model.)

F. HOHORST.
A WNING.

No. 405,475.

Patented June 18, 1889.



WITNESSES:
William Miller
Eduard Wolff.

INVENTOR:
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ATTORNEYS,

UNITED STATES PATENT OFFICE.

FREDERICK HOHORST, OF BROOKLYN, NEW YORK.

AWNING.

SPECIFICATION forming part of Letters Patent No. 405,475, dated June 18, 1889.

Application filed April 19, 1889. Serial No. 307,646. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK HOHORST, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Awnings, of which the following is a specification.

This invention relates to awnings for stores and other purposes; and it consists in certain novel features, which are hereinafter fully described, and pointed out in the claims, reference being had to the accompanying drawings, in which.—

Figure 1 is a perspective view of the awning extended. Fig. 2 is a front elevation showing the awning as it appears when drawn up. In both views the front of the building to which the awning is applied is shown.

Similar letters indicate corresponding parts.

The letter A designates the awning, whose upper edge is fastened to the building B by screws C, or other suitable fastenings. The body of the awning is supported from the stationary ropes D, that extend from eyebolts E, fastened to the building B, to the horizontal rod F, the ropes D passing through several series of rings G G' G² G³, which are fastened to the awning in such positions that the said rings will travel on the ropes D when the awning is raised and lowered. The rod F is secured in the awning-posts H in the usual manner.

I is a rope which extends through eyebolts J J' J² J³, that are firmly secured to the building B, and through the last series of rings G³ down to the lower edge of the awning, where its end is firmly secured. The rope I is provided with branch ropes I' I² I³, which are spliced to the main rope I and pass through the eyebolts J J' J² to the lower edge of the awning, where their ends are severally fastened as follows: The branch rope I' passes through the eyebolt J and thence through a series of rings G to the lower edge of the awning. The branch rope I² passes through the eyebolt J' and thence through the series of rings G' to the lower edge of the awning. The branch rope I³ passes through the eyebolt J², and thence through the series of rings G² to the

lower edge of the awning. By pulling the rope I, therefore, the awning is drawn up along its whole width toward the building by the action of the said rope and its several branches I' I² I³, the several series of rings G G' G² G³ being then clustered together, as indicated in Fig. 2. Instead of splicing the branch ropes I' I² I³ to the rope I, they may be made separate and independent of the rope I, in which case their ends are free, and, like rope I, they may be fastened to the cleat R.

K L are two ropes which pass over pulleys M N, hung from the rod F, and which ropes are secured to the lower edge of the awning for the purpose of enabling one to extend the awning. When operating the ropes K L or the ropes I, they are respectively loosened from their cleats R R', to which they are at other times secured.

The lower edge of the awning is stiffened and strengthened by means of a rod O, which is indicated in the drawings and which is inclosed and secured in the awning by stitching or other convenient means. The awning is provided with curtains P at its ends, whose inner flaps are fastened to the building, as shown at the point Q.

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

1. The combination of an awning secured at its upper edge and provided adjacent thereto with a transverse row of eyebolts, a series of rows of rings secured at intervals along the length of the awning, a series of longitudinal stationary ropes secured at their upper ends, a support for the lower ends of the stationary ropes, and the awning-raising ropes passing through the eyebolts and rings and respectively secured at the lower edge of the awning, substantially as described.

2. The combination of an awning secured at its upper edge and provided adjacent thereto with a transverse row of eyebolts, a series of rows of rings secured at intervals along the length of the awning, a transverse rod supported at the lowest portion of the awning, a series of longitudinal ropes secured at their upper ends and fastened at

their lower ends to the transverse rod, the
awning-raising ropes passing through the eye-
bolts and rings and secured at the lower
edge of the awning, substantially as set forth,
5 and ropes supported from the transverse rod
and secured to the lower end of the awning
for extending the latter.

In testimony whereof I have hereunto set
my hand and seal in the presence of two sub-
scribing witnesses.

FREDERICK HOHORST. [L. S.]

Witnesses:

WILLIAM C. HAUFF,
ERNST F. KASTENHUBER.