

Yenne & Schneider,

Awning.

No. 107584.

Patented Sept. 20. 1870.

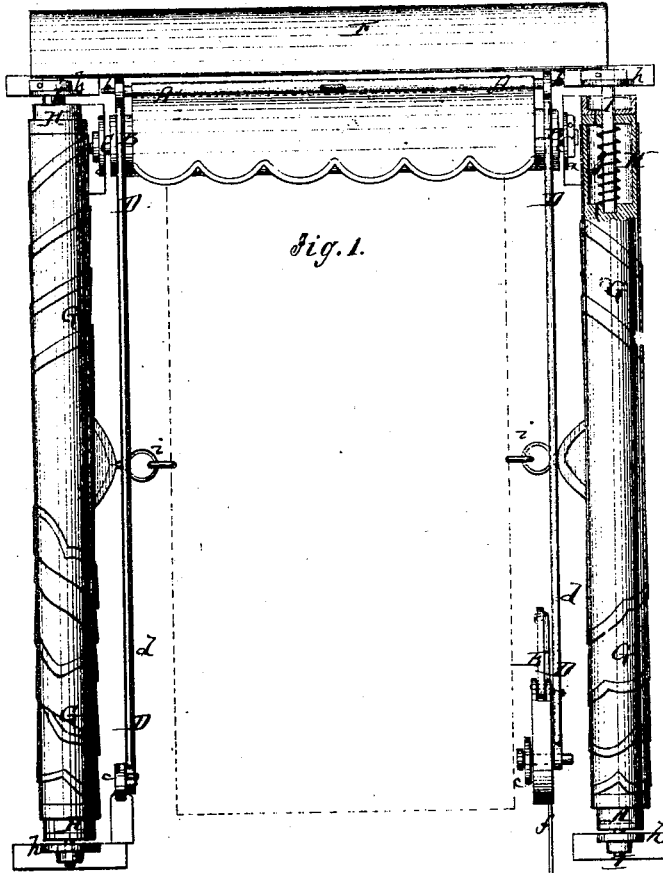


Fig. 1.

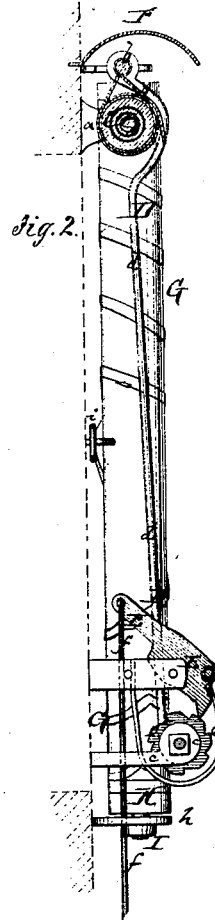


Fig. 2.

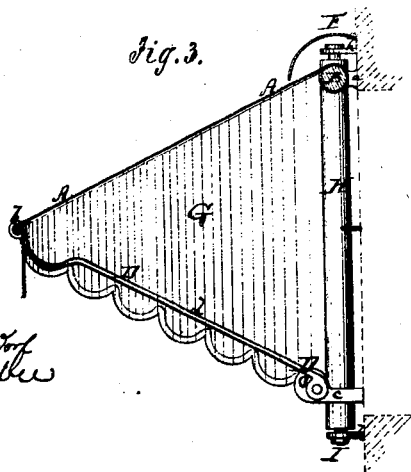


Fig. 3.

Witnesses.

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LOUIS YENNE, OF NEW YORK, N. Y., AND CHARLES SCHNEIDER, OF NEWARK, NEW JERSEY.

Letters Patent No. 107,584, dated September 20, 1870.

IMPROVEMENT IN ADJUSTABLE AWNINGS

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, LOUIS YENNE, of the city, county, and State of New York, and CHARLES SCHNEIDER, of Newark, in the county of Essex and State of New Jersey, have invented a new and improved Adjustable Awning; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a front view, partly in section, of our improved adjustable awning.

Figure 2 is a vertical transverse section of the same, showing the top and side awnings rolled up.

Figure 3 is a side view, partly in section, of the same, showing the several awnings drawn out.

Similar letters of reference indicate corresponding parts.

This invention relates to a new flexible awning, so arranged that it can be extended or contracted at pleasure.

The invention consists in the connection of the swinging frame, which holds the flexible cover of a ratchet and spring pawl, whereby the degree of extension can be nicely regulated.

A in the drawing represents the flexible awning made of fabric jointed slats, or other suitable material. Its inner end is secured to a roller, B, which turns loose on a horizontal shaft, C, that is secured in ears *a a*, projecting from the face of the building.

The outer end of the awning is secured to the cross-bar *b* of a frame, D, which is, at its lower end, pivoted to ears *c*, that project from the face of the building.

The roller B is connected with a suitable spring or weight, which is wound up when the awning is drawn out, so that it will automatically contract the same, as soon as the outer end is released.

One of the side bars, *d*, of the frame D, carries a ratchet-wheel, *e*, into which engages a spring pawl, E. The latter serves to lock the awning automatically in any position to which it may have been extended.

When the pawl is, by means of a handle, *f*, with which it is provided, or otherwise carried off, the ratchet-wheel, the spring, or weight will immediately revolve the roller B, and wind up the awning.

A small protecting roof, F, may be secured to the building, above the roller B, to protect the same, and the contracted awning. This roof may have its front edge brought down low enough to scrape the awning while the same is being contracted, and to free it from snow or dust.

G G are side awnings, intended to protect the sides of a window or door, and used in connection with the main awning A.

Each side awning is secured to a vertical roller, H, that is hung on a shaft or bar, I, secured to ears *h h*.

A spring, *g*, connects the roller H with the shaft I, and serves to wind up the awning.

When the latter is to be spread, its outer end is detached from a hook or fastening, *i*, on the wall, and is drawn out, as in fig. 3, and secured to a pin or other device, provided for that purpose, at the end of the cross-bar *b* or frame D.

When released from said frame the side awning is immediately wound up by the spring *g*.

Having thus described our invention,

We claim as new and desire to secure by Letters Patent—

The ratchet-wheel *e* and pawl E, combined with a self-contracting awning, A, substantially as herein shown and described.

LOUIS YENNE.
CHARLES SCHNEIDER.
Witnesses:
GEO. W. MABEE,
T. B. MOSHER.