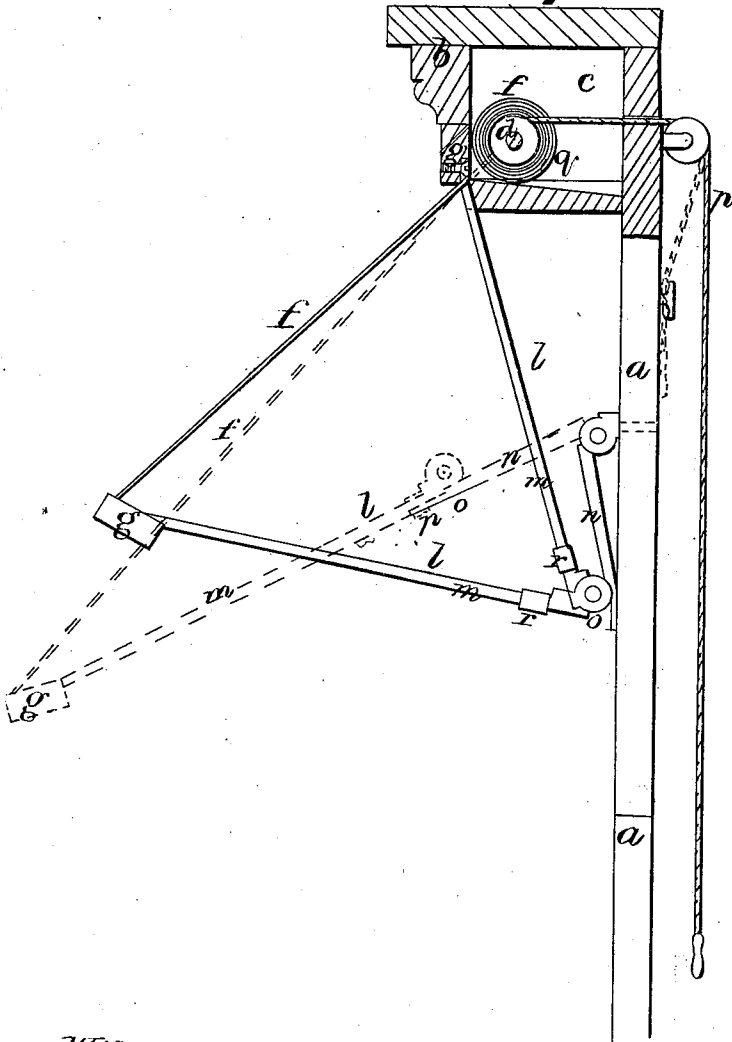


J. A. Pain

Arrning,

Nº 53,859, Patented Apr. 10, 1866.



Witnesses

Thos. Lusch
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Inventor

J. A. Pain
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UNITED STATES PATENT OFFICE.

J. A. PAIN, OF CLYDE, NEW YORK.

IMPROVED AWNING.

Specification forming part of Letters Patent No. 53,859, dated April 10, 1866.

To all whom it may concern:

Be it known that I, J. A. PAIN, of Clyde, in the county of Wayne and State of New York, have invented new and useful Improvements in Hanging Shade-Awnings; and I 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.

The present invention consists in arranging the awning to a store or other window in such a manner that when it is raised up and away from the window it will be incased, or so covered as to be entirely protected from the weather or elements of the atmosphere, and also in so hanging the awning as to admit of its being adjusted with regard to the window so as to shade it more or less, as may be desired.

In accompanying plate of drawing my improvements are represented, the figure being a transverse section of the same, showing the awnings not only rolled or gathered up, but in an open position, more and less inclined with regard to the position of the window.

a a in the drawing represent a window having at its upper portion a projecting cornice-piece, *b*, extending along for the entire width of the same, which may be either a portion of the designed architecture of the building or an addition thereto for the purpose for which I intend this. This cornice is made hollow, and in its chamber *c*, extending its whole length, is hung a cylindrical roller or drum, *d*, turning at each end in the end pieces of the cornice, on which roller is wound the awning-shade *f*, made of canvas or any other of the materials ordinarily used therefor.

One end of the awning is fastened to the roller, while the other has a suitable strip or other material, *g*, for holding it at a tension when spread, as will be presently described, connected at each end to the wall of the building by a hinged rod, *l*, made in two parts or sections, *m* and *n*, jointed together at *o*.

p is a cord passing from the interior of the building to and around a pulley, *q*, of the cornice-rod or drum *d*, by which cord the awning is raised, it dropping or lowering by its own weight or the parts connected therewith, as described.

The awning when lowered is held out and away from the building or window by means of the arm *l*, by the swinging of which to its full length, and then sliding the sleeve *r* over its joint, it is firmly held thereat, as plainly represented by red lines in the drawing, the awning being raised and held in a somewhat higher position and greater distance from the window by unloosening the joint of the rods and bringing it to the position indicated in blue lines, as is apparent without further explanation.

When desired to entirely raise up the awning it is only necessary to pull the cord *p*, when it will be, as is apparent, wound around and about the drum *d* in the cornice, entirely removed from the effects of the atmospheric elements.

From the above explanation it is manifest that a greater or lesser degree of shade can be produced about the window by simply lowering or raising the awning, it being held in either the one or the other position by suitably arranging the jointed rods *l* therefor, the advantages of which are many and well known.

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

The arrangement of the jointed rod *l m n*, the inclosed drum *d*, and operating-cord *p*, substantially as described and represented.

The above specification of my invention signed by me this 26th day of July, 1865.

J. A. PAIN.

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF,