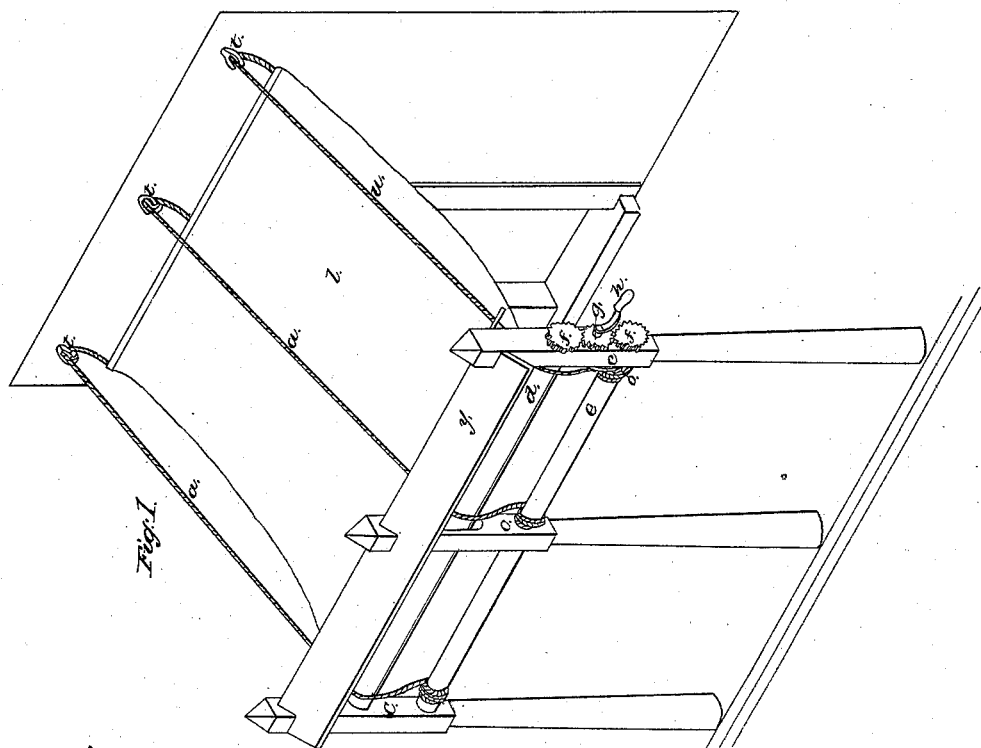
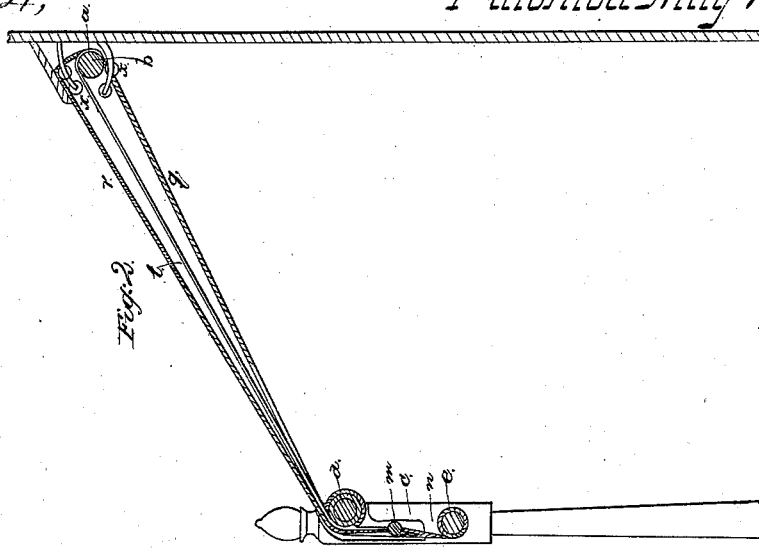


*J. Sebo,
Arrning*

Nº 3,594,

Patented May 25, 1844.



UNITED STATES PATENT OFFICE.

JOHN SEBO, OF WILMINGTON, DELAWARE.

AWNING.

Specification of Letters Patent No. 3,594, dated May 25, 1844.

To all whom it may concern:

Be it known that I, JOHN SEBO, of Wilmington, in the county of Newcastle and State of Delaware, have invented a new and useful Improvement in Awnings for the Fronts of Shops, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification, in which—

Figure 1 is a perspective view of a modification of the awning; Fig. 2, a vertical section of the apparatus.

The nature of my invention consists in the apparatus for rolling up, and unrolling an awning, so that it can be done by one person.

The construction is as follows: Staples (*a*), Fig. 2, are driven into the side of the house at proper distances, and serve as bearings to the journals of a roller (*b*), placed over the windows, and as long as the awning is wide. At the gutter, on the outside of the pavement, opposite the shop front, are erected three posts (*c*), more or less and on a line parallel therewith; near the top of these posts, at a sufficient height for supporting the awning, a roller (*d*), is hung, having its bearings in the posts, and below it, there is another roller (*e*), also hung in the posts; the bearings of these rollers, at one end extend through the posts far enough to receive the spur wheels, (*f*), (see Fig. 1,) by which they are turned; motion being given to said wheels by means of an intermediate one (*g*), which works into both and is turned by a crank (*h*); the roller (*e*) is held by ratchet (*o*) and pawl (*p*) of common construction; this gearing is the same in both arrangements but is not shown in Fig. 2.

As the posts all extend up to an equal height, as shown in Fig. 1, above the upper roller (*d*), the center post is cut into, on the inside, to receive the roller (*d*) and in Fig. 2, a slot is continued down as low as the awning is to be drawn in front; this gives uniformity to the appearance in front, and obviates the necessity of dividing the curtain (*l*), and poles (*m*), on which the lower edge of the curtain is fastened; the

upper edge of the curtain is attached to the roller (*b*), in Fig. 2, and the pole (*m*), is connected with the lower front roller by cords (*n*) which serve to unroll the curtain from off the roller (*b*), and retain it in its position when the curtain is drawn forward and stretched.

In Fig. 2, the roller (*b*), has a pulley at each end, around which cords (*q*), wind the reverse way to the curtain (*l*), the other ends of the cords are attached to the front upper roller (*d*), winding on to this roller, to roll up the curtain, and unwinding from it on to the pulleys as the curtain is stretched. To the middle of the roller (*b*), a cord (*r*), is fastened that runs up over a pulley above the roller from thence it goes forward over the roller (*d*) and down around (*e*), winding off and on with the curtain, sustaining the middle of roller (*b*) and preventing it from springing; or pulleys may be substituted under the roller as shown at (*x* Fig. 2). The curtain may be wound onto the front roller (*d*) as represented in the modification Fig. 1 in which case no roller at the house is required three pulleys (*t*) are then fastened into the house, and cords (*n*) fastened to the curtain are drawn through them and back to the lower roller and a roof (*y*) is formed over the roller (*d*) and attached to the posts; this has a pulley in its center over the roller (not shown in drawing) through which a cord is carried down around said roller similar to cord (*r*) before described and for the same purposes.

What I claim as my invention and desire to secure by Letters Patent is—

1. Sustaining the roller (*b*) by means of a cord (*r*) passing over pulleys and winding up with the cloth constructed and arranged in the manner and for the purpose herein set forth.

2. I also claim in combination with the awning the rollers (*d* and *e*) one for the awning and the other for the sustaining cords, as herein described.

JOHN SEBO.

Witnesses:

W. P. CHANDLER,
ISAAC DIXON.