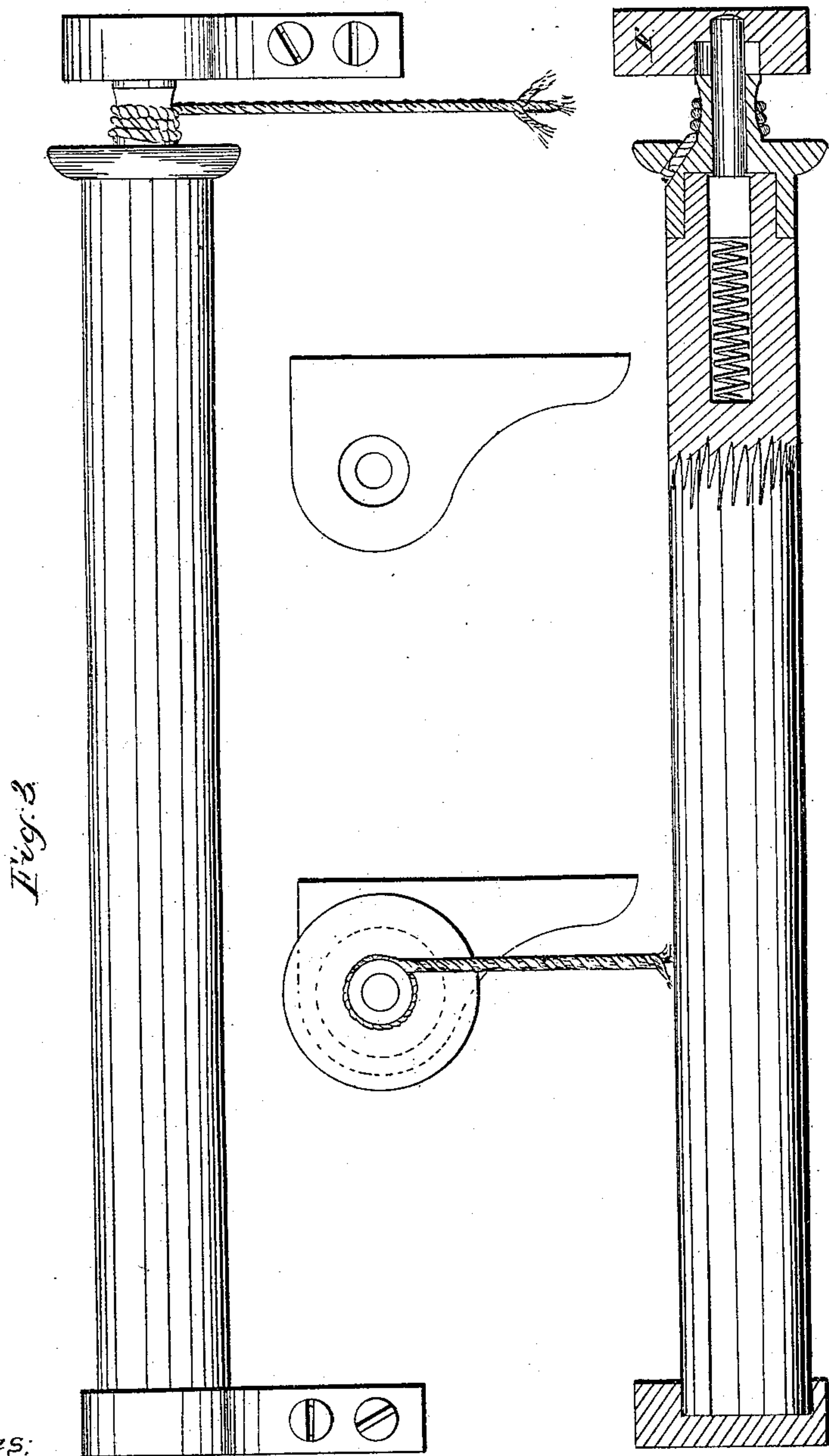


*P. H. Niles,*

*Curtain Fixture.*

*N<sup>o</sup> 13,588.*

*Patented Sep. 18, 1855.*



*Fig. 3.*

*Witnesses:*

*Stephen Badlam*  
*Isaac Gibbs.*

*Inventor:*

*Peter H. Niles.*

# UNITED STATES PATENT OFFICE.

PETER H. NILES, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO R. C. WEBSTER.

## CURTAIN-FIXTURE.

Specification of Letters Patent No. 13,588, dated September 18, 1855.

*To all whom it may concern:*

Be it known that I, PETER H. NILES, of Boston, in the county of Suffolk and Commonwealth of Massachusetts, have invented  
5 new and useful Improvements in Shade and Curtain Fixtures; and I do hereby declare that the following description, with the accompanying drawings, forms a full, clear, and exact specification thereof.

10 The same letters represent like parts in all the drawings, which are numbered to correspond with the descriptions.

My improvements are characterized, constructed and operated as follows: This is an  
15 improvement on the self-adjusting spiral spring fixture. It consists in making one bracket with a plain hole large enough to receive one end of the roller and allow it to turn easily and the other bracket with a hole  
20 bored with a double bit of two diameters the deepest part being the smallest and in the center for the spring pin on the end of the roller to enter and turn in, and the shallowest part being larger to receive the  
25 end of the roller turned down to fit it. When the spring pin is inserted into its place and pressed in far enough to allow the other end of the roller to slip into its hole in the other bracket, the spiral spring then acts

and opens a space sufficient for the cord to 30  
wind in between the bracket and the shoulder of the roller turned down as aforesaid, thus saving the space of one half of the spool on one end of the roller and the whole  
35 of the knob or cap on the other end in the common fixture, which space may be used for widening the curtain, but when saving of space is not important, a single or double headed spool may be used on the end of the  
40 roller and be fitted to said hole of double diameter, with the spring pin. This improvement is shown in Figure 3, in which F represents in section the bracket with the  
45 hole of double diameter and the spring pin and the single headed spool on the end of the roller fitted in as described.

I claim—

The combination of the bracket having a hole of double diameter with the spring pin and the roller end either with or without a  
50 spool thereon fitted to correspond to said hole and dispensing with the knob or cap on the other end of the roller substantially as above described.

PETER H. NILES.

Witnesses:

STEPHEN BADLAM,  
JOEL GILES.