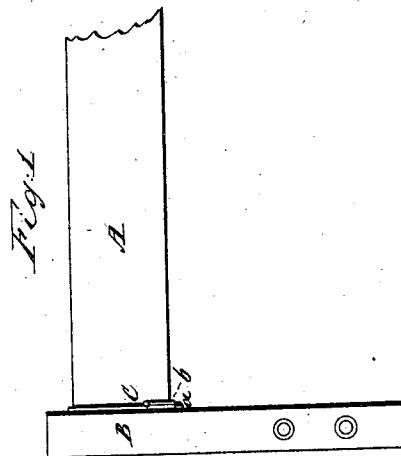
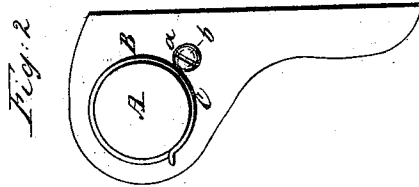
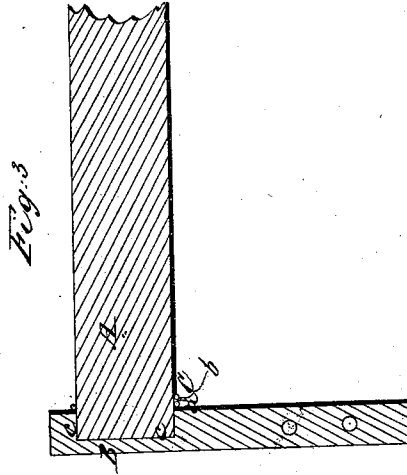


*A.C. Flint,*  
*Curtain Fixture,*

*No. 40,466.*

*Patented Nov. 3, 1863.*



*Witnesses*  
*Frederick Curtis*  
*F. P. Hale*

*Inventor*  
*A. C. Flint*  
*by his attorney*  
*R. W. Ladd*

# UNITED STATES PATENT OFFICE.

ANDREW C. FLINT, OF BOSTON, MASSACHUSETTS.

## IMPROVED CURTAIN-FIXTURE.

Specification forming part of Letters Patent No. 40,466, dated November 3, 1883.

*To all whom it may concern:*

Be it known that I, ANDREW C. FLINT, a resident of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Curtain-Fixtures; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a front elevation, and Fig. 2 a side view, of my invention as applied to a curtain-roller and its bracket. Fig. 3 is a longitudinal section of the roller, the bracket, and the spring applied to them.

The nature of my invention consists in a peculiar arrangement or application of a coiled spring with respect to the curtain-roller, or the same and its bracket, whereby such spring is not only made to serve, either in part or in whole, as a bearing for the roller, but operates while the roller may be in the act of being revolved in one direction to so wind upon the roller as to produce friction to retard or stop its rotary motion, as circumstances may require, the spring unwinding and relieving the roller from its friction while such roller may be in the act of being revolved in an opposite direction.

In the drawings, A denotes a curtain-roller or a portion thereof, while B is its bracket, and C the spring, which is coiled about one and one-third time around the roller, and is formed

with an eye, *a*, for securing it to the bracket by means of a screw, *b*, which passes through the eye and is screwed into the bracket. Besides extending through the spring, the roller projects into the bracket or a cylindrical socket, *c*, formed therein, as shown in Fig. 3. While the spring serves to support the roller and its curtain or shade under ordinary circumstances, the socket *c* will give support to the roller when the spring may be depressed or pulled downward by the force which may be employed to wind the curtain on the roller. The friction of the spring operates during back-draft on the roller and suffices to balance the curtain at any desirable elevation.

My invention is cheap in construction, and it can be applied to most curtain-rollers. It enables a wider curtain to be used on the roller than most other fixtures do. It accomplishes in the simplest form a most desirable feature in fixtures—that is, it dispenses with the weight or downhaul tassel. Besides these it possesses other advantages.

What I claim is—

The combination of the spring with the roller and its bracket, substantially in manner, and so as to operate therewith, as specified.

AND. C. FLINT.

Witnesses:

R. H. EDDY,  
F. P. HALE, Jr.