

UNITED STATES PATENT OFFICE.

LEVI B. GRIFFITH AND NATHAN B. GRIFFITH, OF PHILADELPHIA, PA.

IMPROVEMENT IN CURTAIN-TASSELS.

Specification forming part of Letters Patent No. **201,109**, dated March 12, 1878; application filed June 4, 1877.

To all whom it may concern:

Be it known that we, LEVI B. GRIFFITH and NATHAN B. GRIFFITH, both of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Poises for Shades or Curtains, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a front view, partly sectional, of the device embodying our invention. Fig. 2 is a side view thereof.

Similar letters of reference indicate corresponding parts in the two figures.

Our invention relates to improvements in a poise applied to a shade or curtain, which is rolled or wound by the action of a cord, to which the poise is attached, and unrolled or unwound by gravity, the shade being counterbalanced by the poise, and thus adapted to rest at any desired or required position.

The invention consists of a tube or hollow body, having at opposite ends weighted caps, which, with the tube, serve to counterbalance the weight of the shade; but in the event of an insufficiency of said action, shot, sand, or other medium may be introduced into the tube for adjustment of the weight of the poise to that of the shade.

The caps also serve to ornament the poise, and one of them is removable for access to the interior of the tube, and perforated for attachment of the cord of the shade.

The caps have circumferential grooves, on which are sprung rubber rings, which project sufficiently to prevent abrasion of the window-frame or other wood-work, and noise or rattling of the poise.

Referring to the drawings, A represents a shade; B, the roller thereof, mounted on brackets, as usual; and E, the cord, which is adapted to be unwound from the pulley, and thus raise the shade, the lowering of the latter by lifting the cord causing the winding of the cord on the pulley, which features are well known. From the lower end of the cord E there is suspended a poise, F, which consists of a tube or hollow body, to the ends of which are secured heavy caps H, which, with the tube, will be so weighted that they will balance the shade as

it unrolls, and the shade will thus be held in equilibrium. These caps H also serve as ornamentations for the poise, and fabric is not required to cover or complete the same, and one of the caps is removably fitted to the tube and centrally perforated, whereby the cord may be passed through it and knotted on the under or lower side, after which said cap will be screwed or otherwise connected to the tube, and thus the cord and poise will be united.

It will be here noticed that, if the tube and weighted caps are not sufficient to equalize the weight of the shade, the perforated cap will be removed, and shot, sand, or other material may be introduced into the tube in sufficient quantities until the proper adjustment of the poise and shade is produced.

The caps have circumferential grooves, on which will be sprung rubber rings J, which are of such thickness that they project beyond the surface of the widest part of the poise, whereby, when the poise sways or swings, the rubber rings strike the adjacent frame or wood-work, and thus prevent abrasion of the latter and of the body of the poise, rattling, and noise.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The shade-poise consisting of a hollow body, having weighted caps at opposite ends, substantially as and for the purpose set forth.

2. The hollow body with caps at opposite ends, said caps being weighted and ornamented, and one of them perforated, substantially as and for the purpose set forth.

3. The hollow body, in combination with caps H, fitted thereto at opposite ends, and weighted and grooved, and with the rubber rings J sprung on said caps, all constructed and operating as stated, to form an improvement in shade-poises, for the purpose described.

LEVI B. GRIFFITH.
NATHAN B. GRIFFITH.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.