

No. 822,273.

PATENTED JUNE 5, 1906.

E. C. HARRIS.  
WINDOW BLIND FITTING.  
APPLICATION FILED MAR. 21, 1905.

Fig. 1.

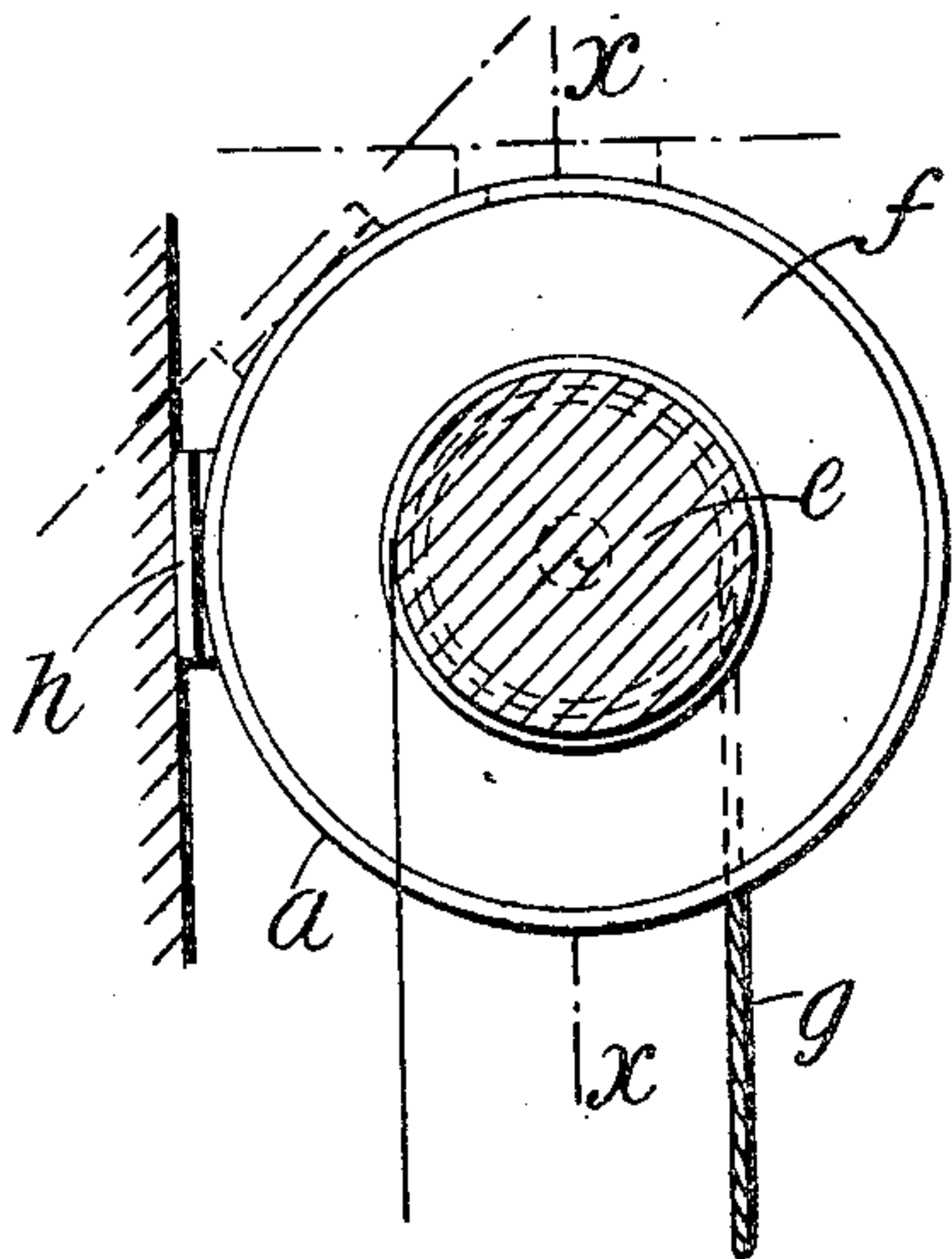


Fig. 2.

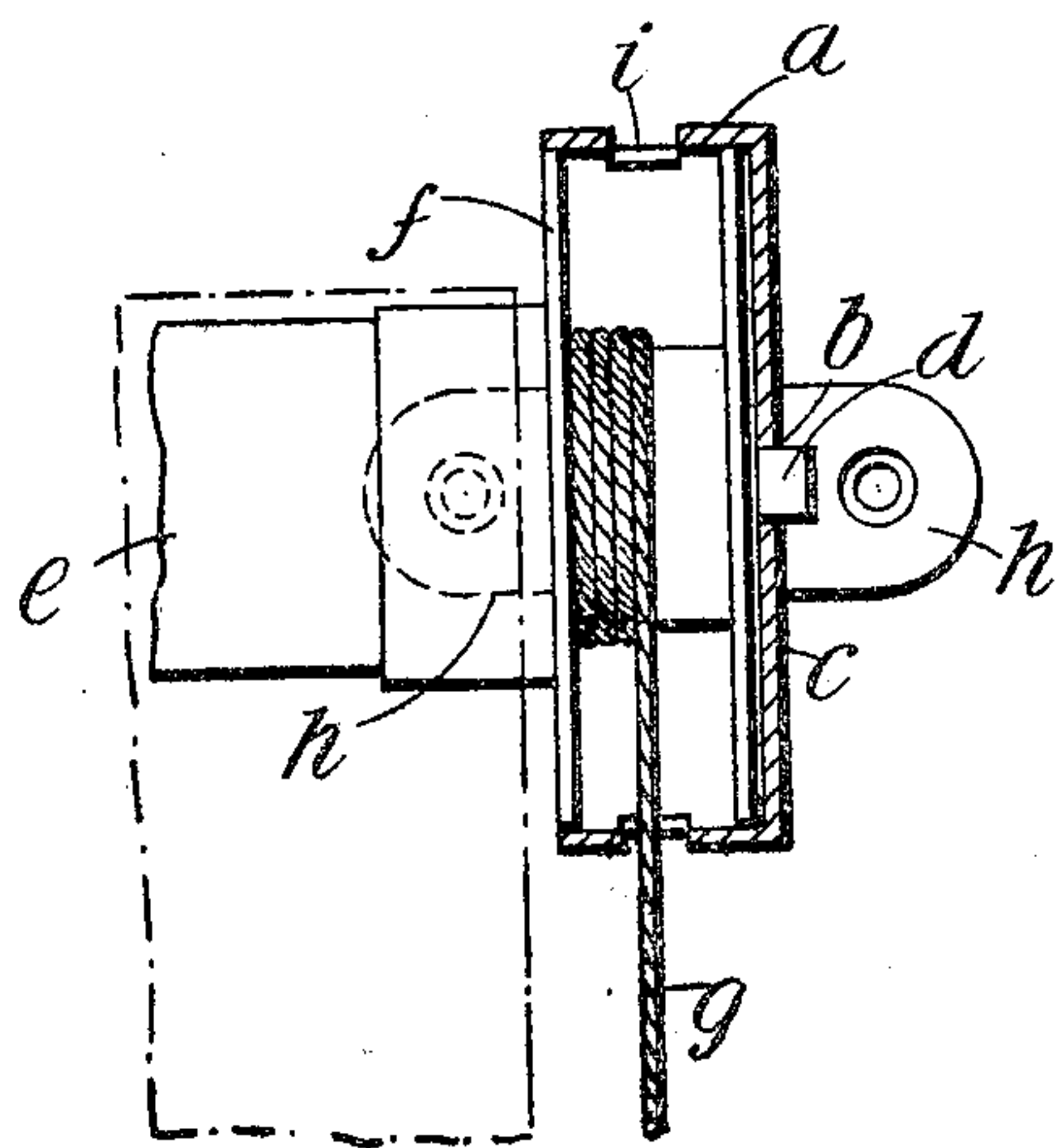
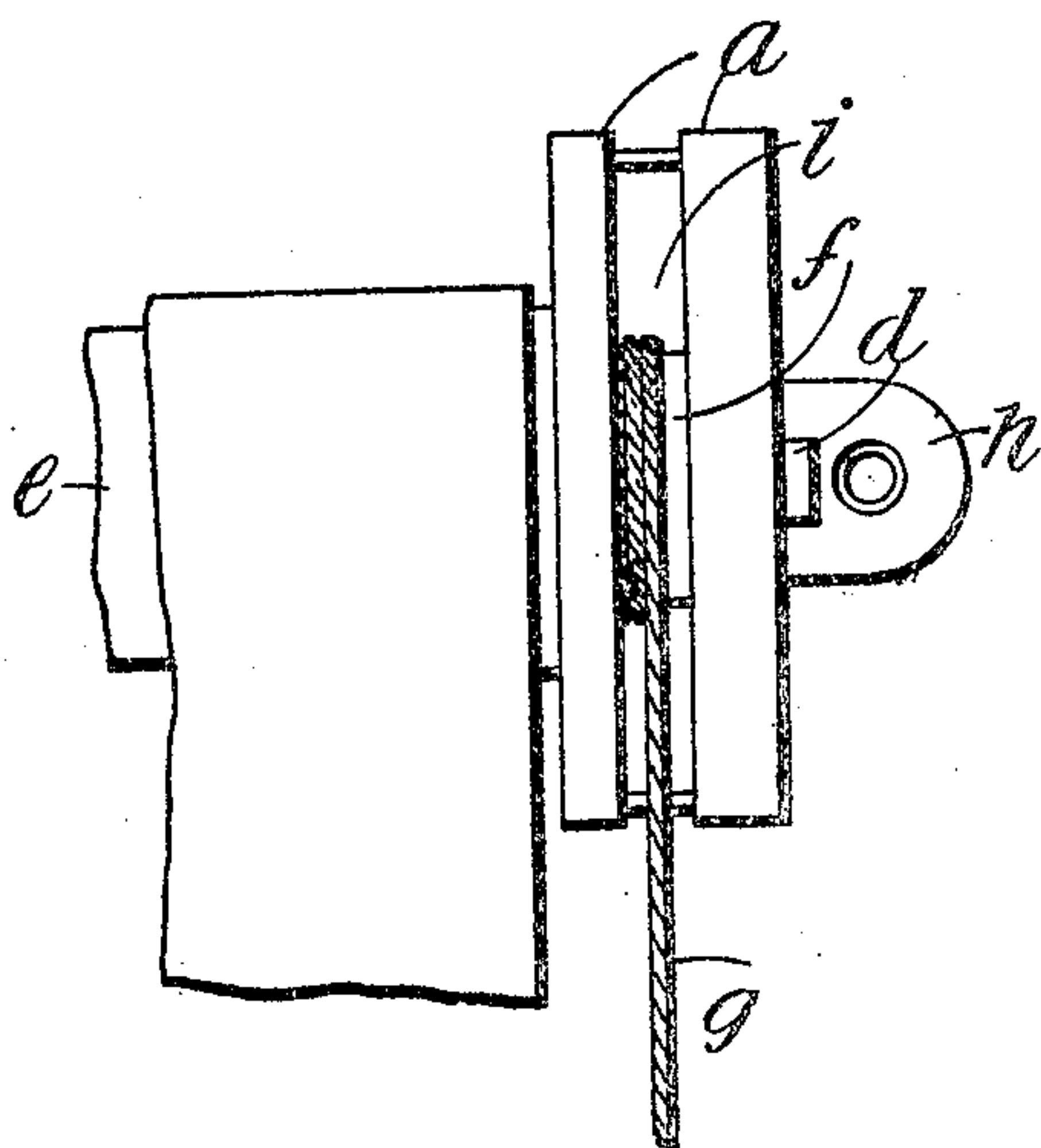


Fig. 3.



Witnesses.

Fred. M. Coatsworth.  
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By His Attorney.

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# UNITED STATES PATENT OFFICE.

ERNEST CHAS. HARRIS, OF BECKENHAM, ENGLAND.

## WINDOW-BLIND FITTING.

No. 822,273.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed March 21, 1905. Serial No. 251,354.

*To all whom it may concern:*

Be it known that I, ERNEST CHARLES HARRIS, a subject of the King of Great Britain and Ireland, and a resident of 43 Beckenham road, Beckenham, county of Kent, England, have invented certain new and useful Improvements in Window-Blind Fittings, of which the following is a specification.

10 This invention relates to an improved window-blind fitting, and has for its objects not only to prevent the blind-cord from leaving its pulley or roller, but to so construct such fitting that the blind-cord may hang vertically whatever the position of the fitting, and, further, to so construct the body or case of the fitting by forming the same in a single piece or from one piece of metal that hinges, catches, and divided cases are done away with, consequently reducing the cost of manufacture and without in any way impairing the efficiency of the fitting.

15 In order that my said invention may be readily understood, reference is to be had to the following description and accompanying sheet of drawings, in which—

Figure 1 is an end elevation; Fig. 2, a section on line *x x*, Fig. 1; and Fig. 3 is a front elevation of my improved fitting.

20 Like letters of reference indicate corresponding parts in the several views.

30 In carrying my said invention into effect I form the body or casing *a* in a single piece by casting or from a single piece of metal stamped or otherwise shaped to form an open circular box and provide the same with a central hole *b* in the end plate *c* for the reception of the pin *d* of the roller *e*.

40 The flanged pulley *f* I make of such a size as to snugly fit within the box *a*, as shown in

Fig. 2, so that all tendency of the blind-cord *g* to override the flanges of the pulley is entirely prevented.

The body or casing *a* I provide with lugs or brackets *h*, by means of which it can be attached to the window-frame in any plane from vertical to horizontal, as shown in dot-and-dash lines, Fig. 1, and to permit the blind-cord *g* to adjust itself vertically to such angles I form in the side of the case or box *a* a slot *i*, extending partly around the case. The slot *i* extends more than half-way around the edge or side of the casing.

55 Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a device of the character described, a suitable cylindrical casing having a cord-opening in the edge thereof and extending more than half-way therearound and one end wall; said end wall being provided with a centrally-disposed aperture; means for suspending the casing and in combination therewith, a shade-roller having an extension passing into the casing, a pin projecting from the end of the casing, a flange at the junction of the roller and extension; a flange at the junction of the extension and pin, and a flexible connection wound on the extension and having its opposite end depending through the cord-opening of the casing, substantially as described.

In testimony whereof I have affixed my signature in presence of two witnesses.

ERNEST CHAS. HARRIS.

Witnesses:

THOS. R. TEMPLE,  
S. G. S. YOUNG.