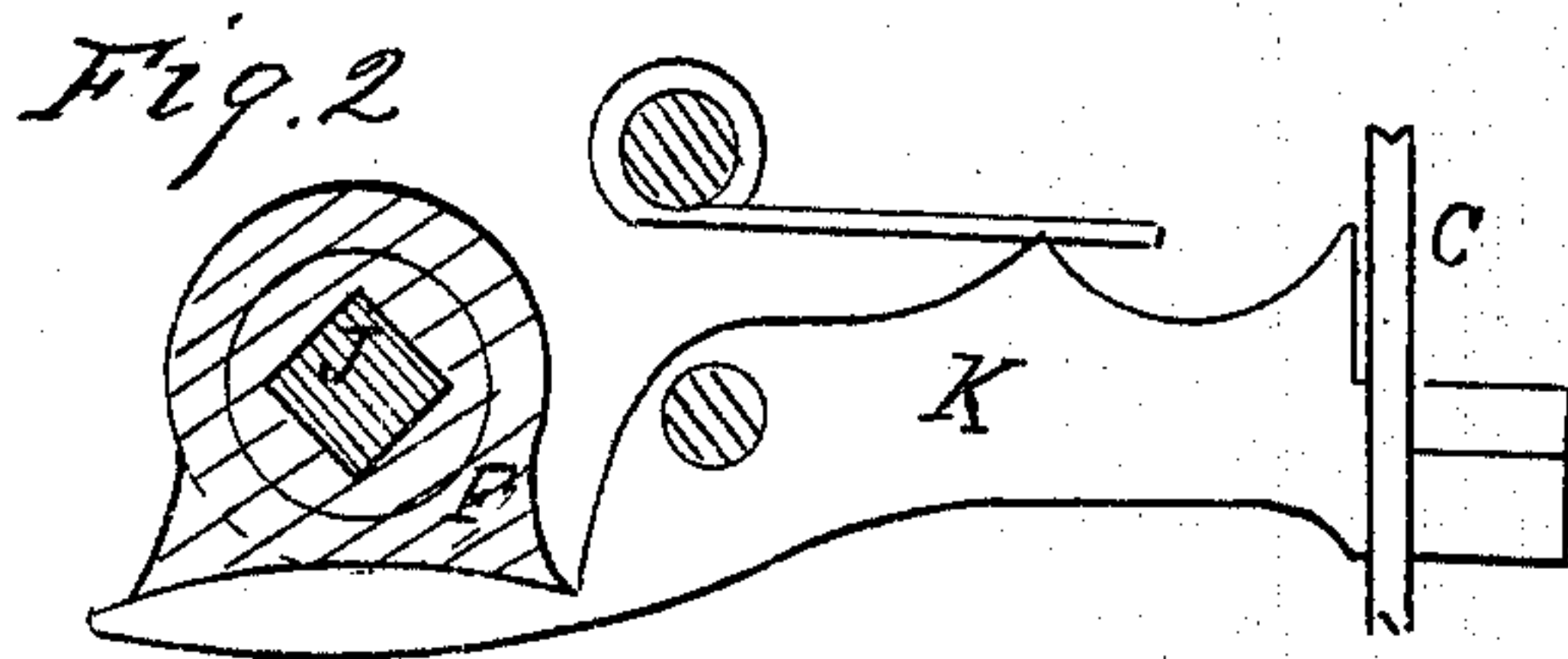
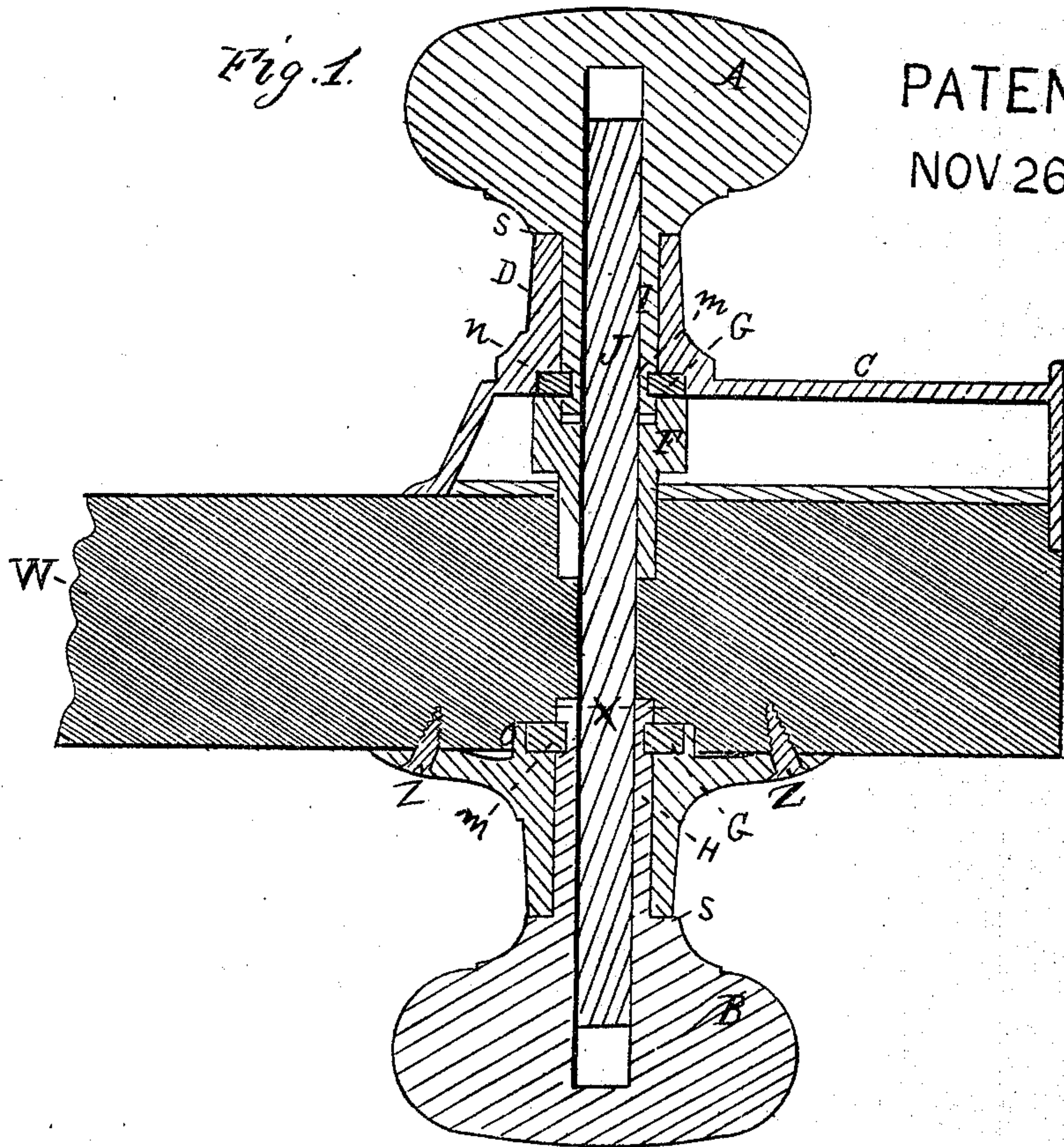


A. Longstreet,

Door-knob and Attachment for Locks

71315

PATENTED  
NOV 26 1867



Witnesses.  
A. B. Pullman  
C. Haynara

Inventor.  
A. Longstreet  
By his attorney  
G. J. Chapin

# United States Patent Office.

AARON LONGSTREET, OF CHICAGO, ILLINOIS.

*Letters Patent No. 71,815, dated November 26, 1867.*

## IMPROVED DOOR-KNOB.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, AARON LONGSTREET, of Chicago, in the county of Cook, and State of Illinois, have invented an Improved Door-Knob and Attachment for Locks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and letters marked thereon, making a part of this description, in which—

Figure 1 is a horizontal section of my invention taken through the centre of the spindle.

Figure 2, an elevation of the hub which operates the catch.

The nature of my invention consists in making the shank of the inner knob to pass through the rosette, which is attached to the rim of the lock, and with an annular groove, which is filled with suitable metal, projecting outward on the inner shoulders of said rosette far enough to hold the knob firmly in place, and yet so as to admit of its being turned freely, and in making the shank of the outer knob in the same manner, and to pass through the rosette, and in making a rim on the inside of the latter, whereby the metal which holds the shank in position may be kept in place.

By this arrangement, no fastenings are required on either knob to hold the spindle in place, thus preventing the possibility of a lateral motion of the knobs, or the spindle getting loose, unless the lock or outer rosette is forced from the door, which is seldom the case.

A further improvement consists in arranging the hub, which operates the catch, to fit over the end of the shank of the inner knob, by which means said hub has a step to turn upon, and is prevented from having a lateral motion when acted upon by the spindle.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents the inner or face knob, and B the outer knob, which may be made of any material now considered suitable for such a purpose. Knob A has a nicely-fitting shank, I, extending through the rosette D, attached to lock C, said shank having near its inner end an annular groove, *m*, in which is put any suitable metal, G, which will hold shank I in place and cause the shoulders of said shank to bear against the end of rosette D, a countersink, *n*, being made in rosette D to prevent the metal from getting out of place. Knob B has a similar shank to that shown at I, and is secured in the same manner, a rim, *o*, being used to hold the metal in place. A loose spindle, J, is made to pass through the door, shown by red lines W, and of such length as will pass through shanks H I. This spindle J may be fastened permanently to knob B, and answer the same purpose, but it is not necessary, unless the spindle is to be cut through at the red line X, in order to give an independent motion to the knobs. The hub F (figs. 1 and 2) has a recess made in its end, as seen at fig. 1, and used to fit over the shank I, and thus be held in place independently of the spindle J. This arrangement is important for holding said hub in position in operating catch K.

The method of putting the lock C on the door, when my knobs are used, is very simple, requiring only that said lock be secured in the usual manner, and the rosette E fastened to door W by means of screws Z Z.

Having thus fully described my device, what I claim, and desire to secure by Letters Patent, is—

1. The knobs A B, having shoulders S S fitted to operate against the outer ends of rosettes D E, and having shanks H I passing through said rosettes, and secured by the metal G G, put in the annular grooves *m m*, substantially as and for the purpose set forth.

2. The knobs A B, having shanks H I, in combination with the loose spindle J, rosettes D E, arranged and attached to a door as herein specified.

3. The hub F, having a recess, P, in combination with spindle J, knobs A B, and catch K, as herein described.

AARON LONGSTREET.

Witnesses:

A. B. PULLMAN,  
GEO. L. CHAPIN,  
A. HAYNALD.