

D. & T. MORRIS.  
Door-Knob Attachment.

No. 216,098.

Patented June 3, 1879.

FIG. 1.

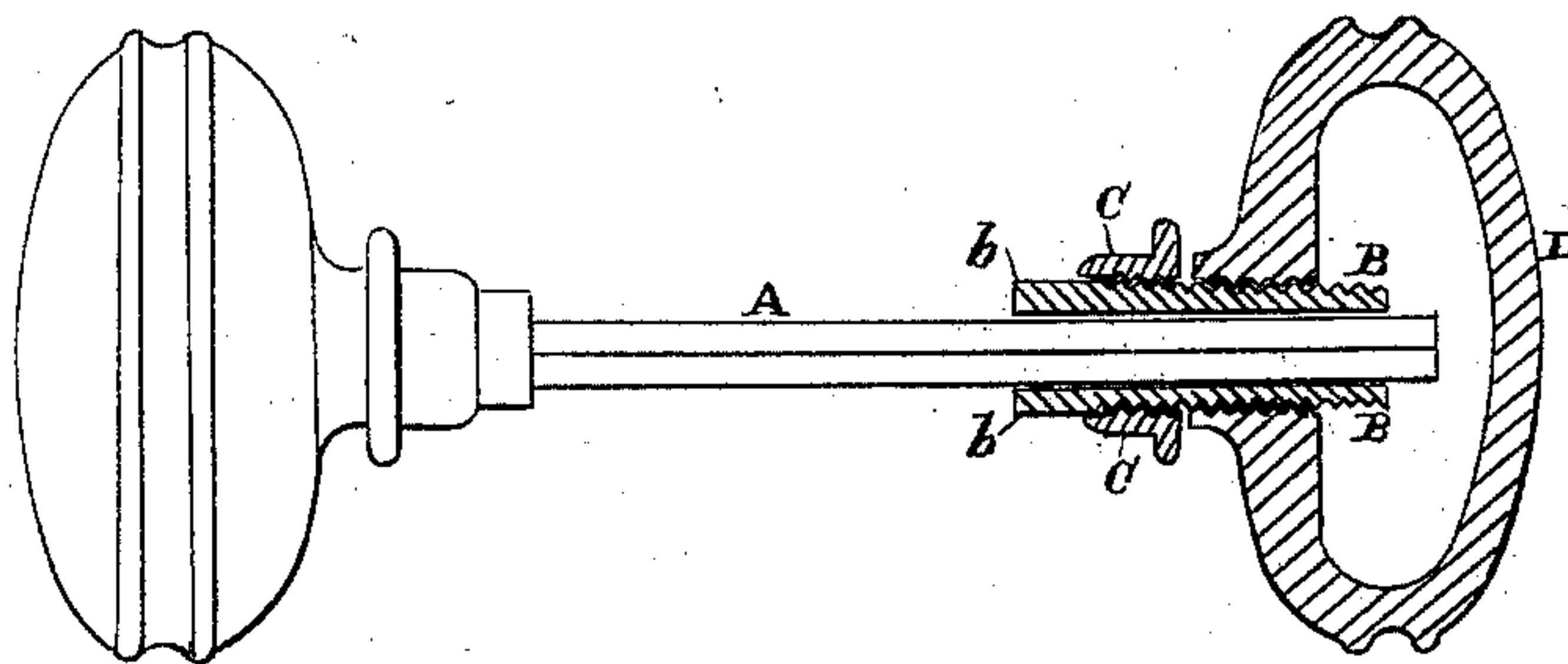
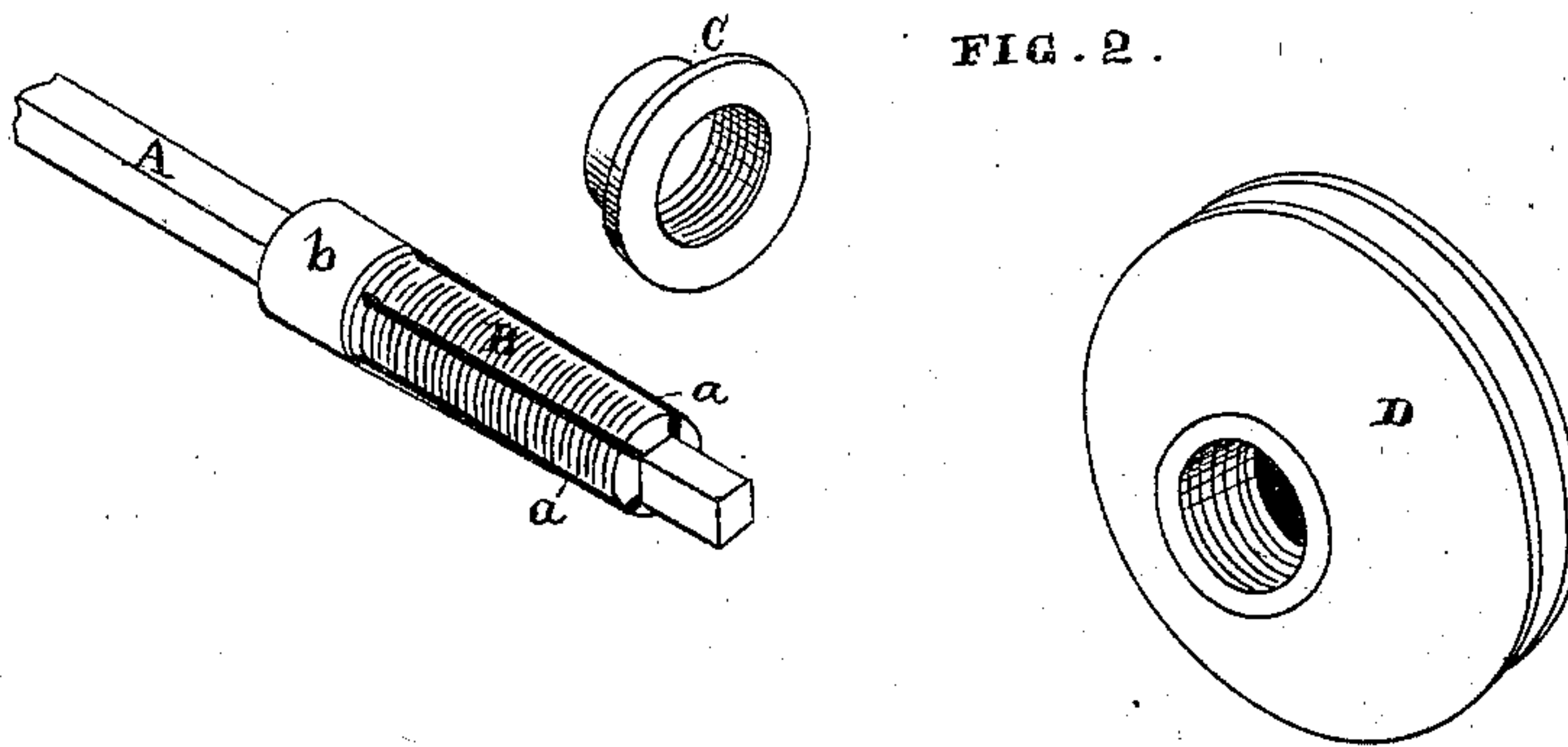


FIG. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

DAVID MORRIS AND THEODORE MORRIS, OF SAN FRANCISCO, CALIFORNIA,  
ASSIGNORS OF ONE-HALF THEIR RIGHT TO A. S. GROSS, OF PORTLAND,  
OREGON.

## IMPROVEMENT IN DOOR-KNOB ATTACHMENTS.

Specification forming part of Letters Patent No. **216,098**, dated June 3, 1879; application filed  
April 2, 1879.

*To all whom it may concern:*

Be it known that we, DAVID MORRIS and THEODORE MORRIS, of the city and county of San Francisco, and State of California, have invented an Improved Door-Knob; and we hereby declare the following to be a full, clear, and exact description thereof, reference being made to the accompanying drawings.

Our invention relates to an improved means of securing and adjusting door-knobs on the spindle which passes through the door and unites the knobs on opposite sides; and our improvements consist in the combination of devices hereinafter described and claimed.

In the drawings, Figure 1 is a section of a knob. Fig. 2 are views showing the parts separate.

The spindle A is made in the usual shape, but is not threaded, nor has it any slots or screw-holes for securing the shank of the knob to it. A sleeve, B, made to fit over the spindle, is threaded its whole length and tapered, as shown. The tapering threaded portion is split up to the head *b* in four parts, slots *a* being cut lengthwise in the threaded portion, as shown. After the spindle, with one knob upon it, is pushed through the door, this sleeve is slipped over the projecting end of the spindle, and a milled internally-threaded collar, C, is screwed over it. The knob D is made hollow, and has an internally-threaded opening, which will fit over the sleeve. The knob is then screwed onto the tapering sleeve, and as it is screwed up binds the split portion of the sleeve onto the spindle, so as to gripe it

tightly, thus doing away with all supplemental screws. After the knob is screwed up close the collar C is screwed back against it, so as to cover any threaded portion of the shank remaining exposed. As this shank is screwed back against the knob it gives the usual finish to the knob by covering the spindle.

This knob will thus accommodate itself to any thickness of door. The knob being made hollow, the spindle may enter it more or less, and the sleeve is set close up to the door before the knob is screwed on. The two knobs are thus brought close to the door, in the usual manner, and secured without the use of screws and slots, so they will never work loose.

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

The improvement in securing and adjusting door-knobs upon their spindles, consisting of the hollow tapering split sleeve B, threaded its entire length, as shown, fitted to slide upon the spindle A, and be compressed or clamped thereon by means of the internally-threaded knob D, in combination with the internally-threaded collar C, all constructed substantially as and for the purpose herein described.

In witness whereof we have hereunto set our hands.

D. MORRIS.  
THEODORE MORRIS.

Witnesses:

R. K. EVANS,  
S. H. NOURSE.