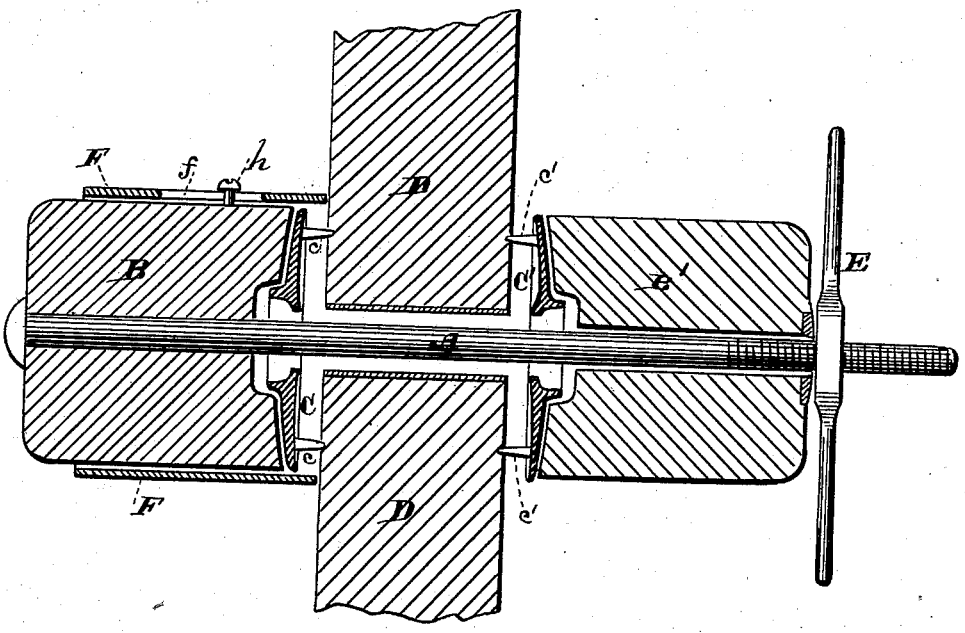
(No Model.)

# G. V. BLACKMAN.

## CLAMP FOR ADJUSTING DOOR KNOB ROSES.

No. 267,055. Patented Nov. 7, 1882.

*Fig. 1.*

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# UNITED STATES PATENT OFFICE.

GEORGE V. BLACKMAN, OF OAKLAND, CALIFORNIA.

## CLAMP FOR ADJUSTING DOOR-KNOB ROSES.

SPECIFICATION forming part of Letters Patent No. 267,055, dated November 7, 1882.

Application filed February 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE V. BLACKMAN, of Oakland, county of Alameda, State of California, have invented a Device for Adjusting and Securing Door-Knob Roses; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a new and useful device for adjusting and securing the roses of door-knobs, and has especial relation to those roses which are provided with pins and are secured by forcing these pins into the door.

My invention consists in the employment of a spindle or shaft having firmly fixed upon one end a block having a sliding ring, serving as a gage, and a recessed inner face in which one rose is adapted to fit, said spindle having upon its outer end a loose block, with a face similar to the first, for receiving the opposite rose, this loose block being moved inwardly upon the spindle by means of a nut screwed upon the end of the spindle. A sliding ring or band upon the stationary block determines the correct adjustment of the two roses.

For a more particular explanation reference is hereby made to the following description, and to the accompanying drawing, which is a section of my device.

Knob-roses have been heretofore ordinarily screwed to the door; but there are such objections to this manner of securing them that roses have lately been extensively made the inner faces of which are provided with pins cast upon them and adapted to penetrate the door to secure the rose. These roses are usually put on by driving them—a plan which is liable to bruise or mar the metal or its polish, besides creating noise.

The object of my invention is to provide a means for forcing the roses against the door, so that their pins will secure them, and at the same time to adjust them precisely with relation to each other.

Let A represent a spindle of sufficient length to pass through a door and extend on each side. Upon one end is rigidly secured a block, B, the inner face of which is recessed or concaved suitably to receive and fit the convex face of the rose C. This rose fits loosely upon the spindle; but when fitted to the concave face of the block B it is held and centered with accuracy upon said spindle. The other side of the rose is provided with the pins or points *c*.

Let D represent a section of a door. The spindle A is passed through the hole made in the door for the knob shanks or spindle, and projects beyond. Upon the projecting end is loosely fitted a block, B′, similar to block B, and having a similar concaved or recessed face, into which is fitted another rose, C′, having pins *c′* upon its inner face.

The end of the spindle is provided with threads, upon which is a nut, E, having extended handles or levers for convenience in turning it. The spindle which passes through the door is pushed enough to bring the pins of the rose C against the door. The nut E is then screwed up until it pushes the loose block B′, so that the pins of the rose C′ press against the door. By then screwing the nut E up tightly to the roses one on each side is forced into the door and secured. The block will not wear the roses, and all noise is avoided. By loosening and taking off the nut after the roses are secured the spindle A may be drawn out, leaving the roses in the door.

In order to adjust with precision the two roses, so that the knob-spindle or shank, when passed through, will not bind, I provide a ring or band, F, fitting around the stationary block B. It is adapted to slide forward and back upon said block by having a slot, *f*, through which a pin or screw, *h*, extends into the block.

When the spindle A is passed through the door and slightly secured the sliding ring F is pushed forward to meet the door. When its edge lies flush against the door the spindle A is in proper position, and the roses may be pressed in.

Having thus described my invention, what I wish to secure by Letters Patent is—

A device for adjusting and securing door-knob roses, consisting of a spindle, A, a stationary block, B, upon one end, having a recessed face for receiving a rose, a loose block, B′, upon the other end, with a recessed face for receiving the opposite rose, a sliding ring or band, F, on the block B, and serving as a gage, and a nut, E, operating together and constructed substantially as described.

In witness hereof I hereto put my hand.

GEORGE V. BLACKMAN.

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