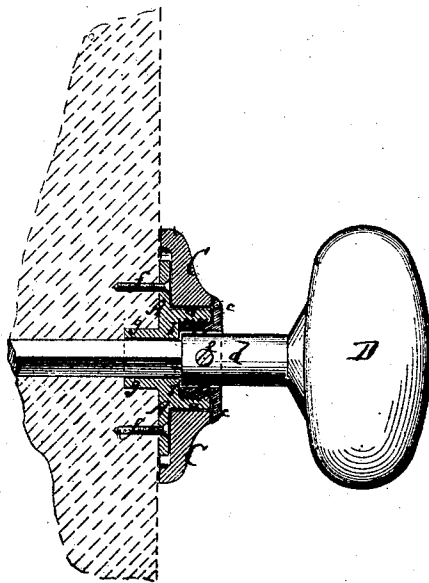


J. J. Henderson,

Knob Case.

No. 109,409.

Patented Nov. 22, 1870.



Witnesses:

Chas. Nida
L. J. Hooper

Inventor:

J. J. Henderson
per M. W. ...
Attorneys.

United States Patent Office.

JOHN J. HENDERSON, OF NEW YORK, N. Y.

Letters Patent No. 109,409, dated November 22, 1870.

IMPROVEMENT IN ROSES FOR DOOR-KNOBS.

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, JOHN J. HENDERSON, of the city, county, and State of New York, have invented a new and improved Back for Porcelain Door-Roses ; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which the drawing represents a central section of my improved back for porcelain door-roses.

This invention relates to a new cast-metal back for porcelain door-roses, and has for its object to so construct the same that both the thimble holding the rose as well as the spindle of the lock will find a reliable support in said back.

The invention consists in providing the back A with an outward-projecting tube, *a*, which is so much larger than the central orifice of said back that a shoulder, *b*, is left between the two.

The tube *a* has an inner screw-thread to receive the thimble B that is screwed upon it, the outer flange *c* of said thimble serving to confine the rose C to its place.

The inner end of the thimble fits nearly or entirely against the shoulder *b*, after which enough of the latter remains uncovered to serve as a support for the end of the shank *d* of the door-knob D.

That part of the shank *d* which is concealed in the thimble contains the screw *e*, by which the knob is se-

cured to the spindle, and said screw is, therefore, also concealed and protected.

The back is, by screws *f f*, secured to the door, the said screws being covered and concealed by the rose, as shown.

A tubular projection, *g*, may, if desired, be applied to the inner face of the back for a better support of the spindle, but is not claimed by me.

Porcelain roses were heretofore secured to the backs by weak spur-thimbles, which had the shoulder for the ends of the shanks *d* formed within them. These thimbles had to support and bear the weight of the spindle and shank, and were very apt to work loose on the backs, loosening thereby also the roses.

It will be seen that in my invention all strain is removed from the thimble and transferred to the back, which is amply secured to the door, while the thimble only serves to hold the rose to its place.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A porcelain rose, C, applied to a knob-shank and spindle, in combination with a metal back, A *a*, having shoulder *b* and flanged knob-shank socket B *c*, as and for the purpose described.

JOHN J. HENDERSON.

Witnesses :

GEO. W. MABEE,
T. B. MOSHER.