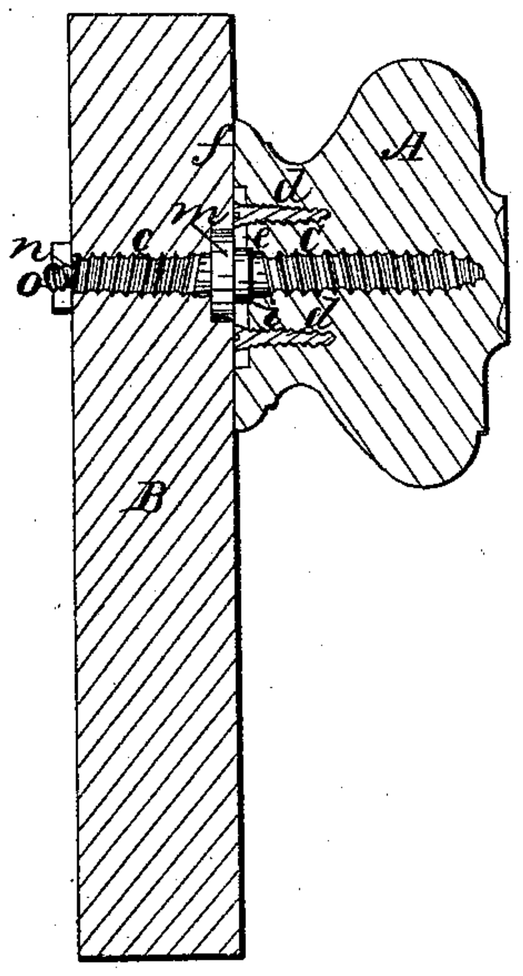
C. Ward,

Knob Attachment.

No. 33,759. Patented Nov. 19, 1861.



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UNITED STATES PATENT OFFICE.

CHARLES WARD, OF SALEM, MASSACHUSETTS.

IMPROVED MODE OF SECURING KNOBS TO DOORS, DRAWERS, &c.

Specification forming part of Letters Patent No. **33,759**, dated November 19, 1861.

To all whom it may concern:

Be it known that I, CHARLES WARD, of Salem, in the county of Essex and State of Massachusetts, have invented an Improved Attachment for Securing Knobs to Drawers, Doors, and other Articles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, making part of this specification, in which is shown a section through a knob and the article to which it is attached.

The object of my present invention is to produce an attachment for knobs which will so secure them to the article to which they are fastened that they will not work loose by handling, as they are liable to do when attached in the ordinary manner; and my invention consists in the use for this purpose of two screws cut on the same spindle, that on one end of the spindle being intended to screw into the drawer or other article to which the knob is to be attached, and also in certain devices for locking the screws when entered.

That others skilled in the art may understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawing, A is a knob; B, the article to which it is to be attached; C, the rod or spindle, which has cut on it a right-hand screw *a*, which is screwed into the knob A, and a left-hand screw *c*, which is screwed into the wood B. The spindle C has on it a collar *m* and a square shoulder *i*, on which fits a metal plate *e*, which has a square hole in it to fit on the shoulder *i*. This plate is let into the face *f* on the knob and is secured thereto by small screws *d* after the spindle is screwed into the knob. The spindle C is of a sufficient length to pass through the article B, and is turned down a little smaller at its end *o*, where a right-hand screw is cut on it, on which fits a nut *n*.

The plate *e* is placed over the shoulder *i* of the spindle, and the knob A is screwed up tight against it, and the plate is secured by the screws *d*. This prevents the knob from being turned without turning the spindle. The knob may now be used as a handle by which to turn the screw *c* into the article B. When this screw has been turned in tight, so that the face *f* of the knob is firm against the front of the article B, the nut *i* is screwed onto the end of the spindle. This locks the screw *c* so that it cannot be turned back until the nut is removed, thus securing the knob in a permanent and reliable manner.

For "door-stops" or for knobs which are used in positions where they are not to be handled, but only require to be attached, I use the simple spindle C with a screw cut on each end of it and a square or other rectangular-shaped piece *i* in the middle of its length. One end of the spindle is first screwed into the wood-work by turning it in with a wrench or nippers applied to the part *i*. The knob is then screwed onto the other or projecting end.

The spindle C may have its screws cut, as in the drawing, one right and one left or both right or both left handed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The above-described attachment for fastening on knobs or other articles, substantially as specified.

CHARLES WARD.

Witnesses:

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