

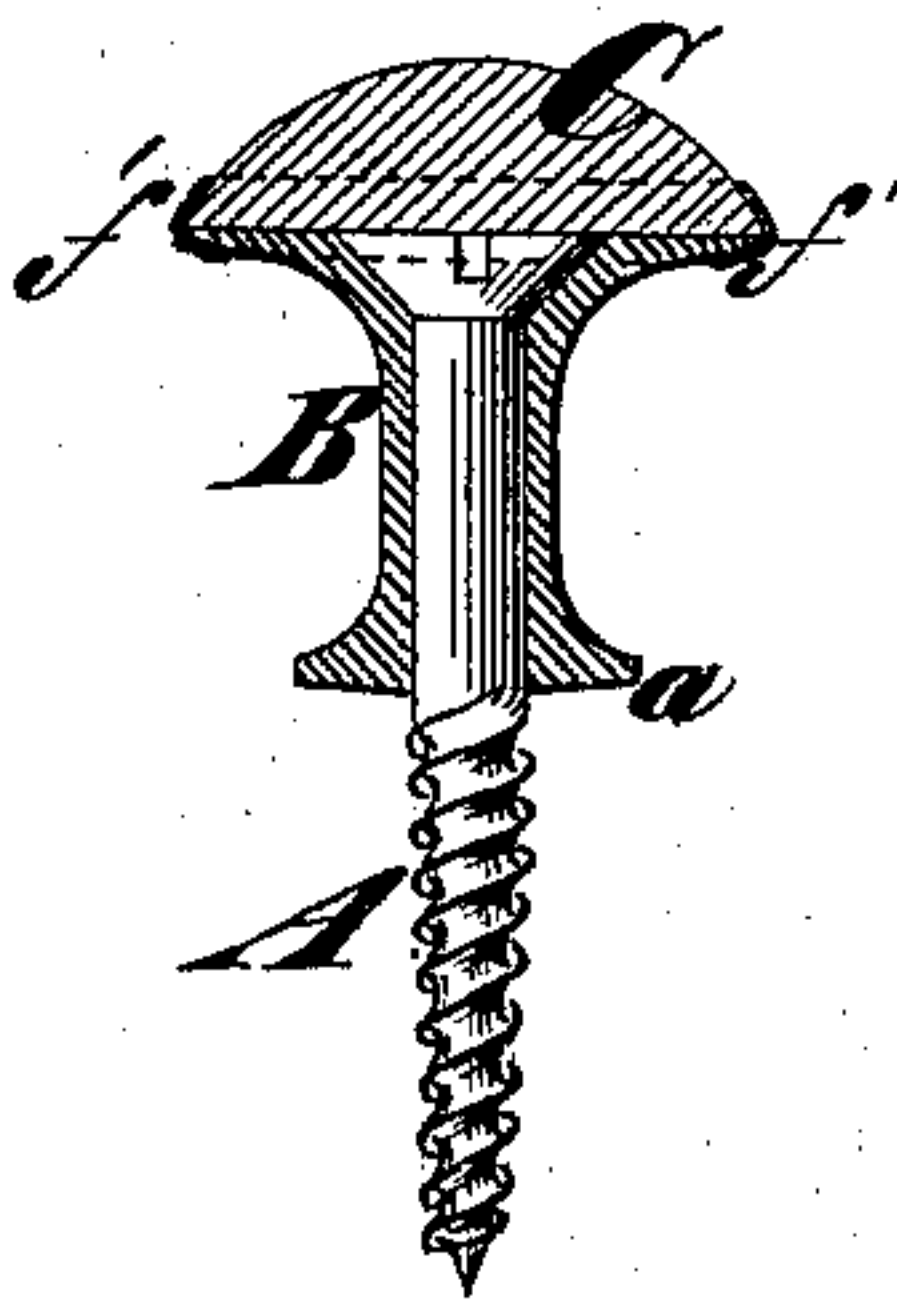
T. C. RICHARDS.

PICTURE-NAILS.

No. 169,730.

Patented Nov. 9, 1875.

Fig. 1.



Witnesses:

Michael Ryan
Fred Haynes

T. C. Richards
by his Attorney
Donna Allen

UNITED STATES PATENT OFFICE.

THOMAS C. RICHARDS, OF NEW YORK, N. Y.

IMPROVEMENT IN PICTURE-NAILS.

Specification forming part of Letters Patent No. **169,730**, dated November 9, 1875; application filed December 30, 1874.

To all whom it may concern:

Be it known that I, THOMAS C. RICHARDS, of the city, county, and State of New York, have invented certain new and useful Improvements in Picture, Shutter, and Furniture Knobs, of which the following is a specification:

This invention relates to a knob for pictures, shutters, and furniture; and the object is to obtain a more secure fastening of the ornamental head to the screw than exists in most of the knobs for similar purposes now in use.

My invention consists in connecting the ornamental head of the knob to the screw by means of a ring or band of sheet metal, which is turned over the edge of the ornamental head, and likewise over the edge of the socket on the screw, as will be fully hereinafter described.

The drawing represents a vertical section of my invention.

The screw A may be an ordinary wood-screw, as is represented in the drawing, or it may be especially made for the knob. Around its plane or unthreaded portion is cast a socket, B, of brass, britannia, or other soft metal, which, upon shrinking, when the socket is cooled, is securely united with the screw. At

the end of the socket that comes in contact with the wall, shutter, or article of furniture to which the knob is applied, there is an extended shoulder, *a*, and the front or outer end is extended to a suitable size to receive the ornamental face or cap C. This ornamental face, cap, or head C is secured to the end of the socket B by means of a ring or band, *f'*, of sheet metal, which is arranged around the cap or head, and the socket at the junction of the two, and the upper edge of said ring or band is turned up over the edge of the cap or head, and the lower edge of the ring is turned under and around the edge of the socket, thereby securely connecting the ornamental head to the screw.

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

The knob for pictures, &c., constructed as herein shown and described, composed of the screw A, soft-metal knob B, ornamental cap C, and sheet-metal band *f*, as and for the purpose specified.

T. C. RICHARDS.

Witnesses:

MICHAEL RYAN,
BENJ. W. HOFFMAN.