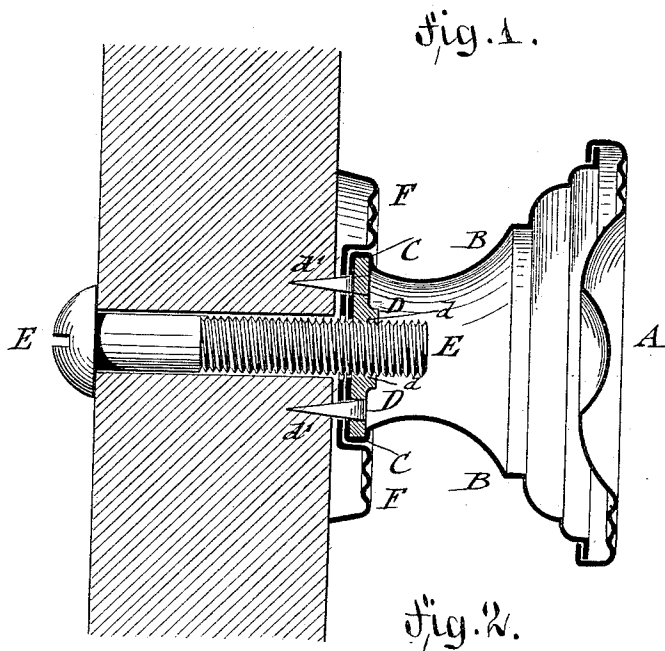
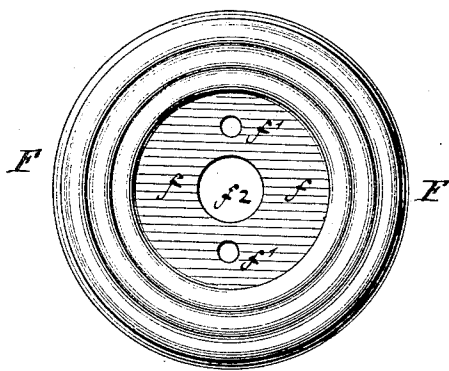
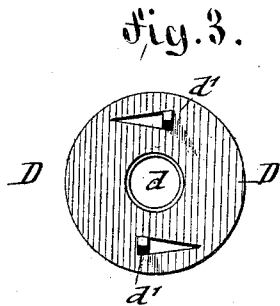


(No Model.)

J. BERBECKER.
SHEET METAL KNOB.

No. 399,476.

Patented Mar. 12, 1889.



WITNESSES:

W. H. Rosenbaum.
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

JULIUS BERBECKER, OF NEW YORK, N. Y.

SHEET-METAL KNOB.

SPECIFICATION forming part of Letters Patent No. 399,476, dated March 12, 1889.

Application filed May 15, 1888. Serial No. 273,925. (No model.)

To all whom it may concern:

Be it known that I, JULIUS BERBECKER, of the city, county, and State of New York, have invented certain new and useful Improvements in Sheet-Metal Knobs, of which the following is a specification.

This invention relates to certain improvements in sheet-metal knobs, by which the same can be readily attached to a drawer or other object and retained in position thereon without being liable to turn on their axes.

The invention consists of a sheet-metal knob the base of which is re-enforced by a plate having a central screw-tap and prongs bent up from and made integral with said plate, said prongs being passed through openings of said base and through openings of a washer having a central depression and a central opening for the fastening-screw that engages the central screw-tap of the re-enforcing plate.

In the accompanying drawings, Figure 1 represents a vertical longitudinal section of my improved sheet-metal knob, showing it attached to a door or other object. Fig. 2 is a front view of the washer for the knob, and Fig. 3 is a detail view of the re-enforcing plate or disk for the base of the knob.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the face-plate, B the shank, and C the base, of my improved sheet-metal knob. The shank B and base C are spun or struck up from one piece of sheet metal, the base C being re-enforced by a metal disk or plate, D, which is provided at the center with a screw-tap, *d*, into which the fastening-screw E of the knob is screwed after the screw has passed through the wood of the drawer or other object, as shown in Fig. 1. The metal re-enforcing disk D is provided with one or more prongs, *d'*, that are bent up at right angles to the plate and made integral with the same by being struck up from the body of the same. The prongs *d'* are passed through openings of the base C of the knob and through openings *f'* of a washer, F, which latter is provided with a depressed middle portion, *f*, for the base of the knob.

The openings *f'* of the washer register with the openings in the base of the knob and the bent-up prongs. When the knob is applied to a door, drawer, or other object, the fastening-screw is passed through a central opening, *f'*, of the washer F and screwed into the screw-tap in the base of the knob, whereby the prongs are drawn into the wood. The knob is thereby rigidly retained in position and prevented from getting detached from the fastening-screw, while the axial turning of the knob is effectually prevented and the same held firmly in position on the object to which it is attached.

I am aware that cast-metal pulls and knobs have been made heretofore in which the base is provided with projections or prongs cast integral therewith. I am also aware that sheet-metal knobs formed with spurs or prongs projecting longitudinally from the base have been made heretofore; but I am not aware that a sheet-metal door-knob which is provided with prongs or projections at its base, that are made integral with a re-enforcing plate or disk of the base and passed through openings of the same and through corresponding openings of a washer that extends around the base of the knob, has been made before my invention thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with a sheet-metal knob the base of which is provided with a re-enforcing plate having a central screw-tap and one or more bent-up prongs made integral with said plate, of a washer extending around the base of the knob, having holes registering with said prongs, and a fastening-screw passing through said washer and engaging the screw-tap of the re-enforcing plate, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JULIUS BERBECKER.

Witnesses:

PAUL GOEPFEL,
JOHN A. STRALEY.