

(No Model.)

J. BERBECKER.

SHEET METAL KNOB.

No. 399,476.

Patented Mar. 12, 1889.

fig. 1.

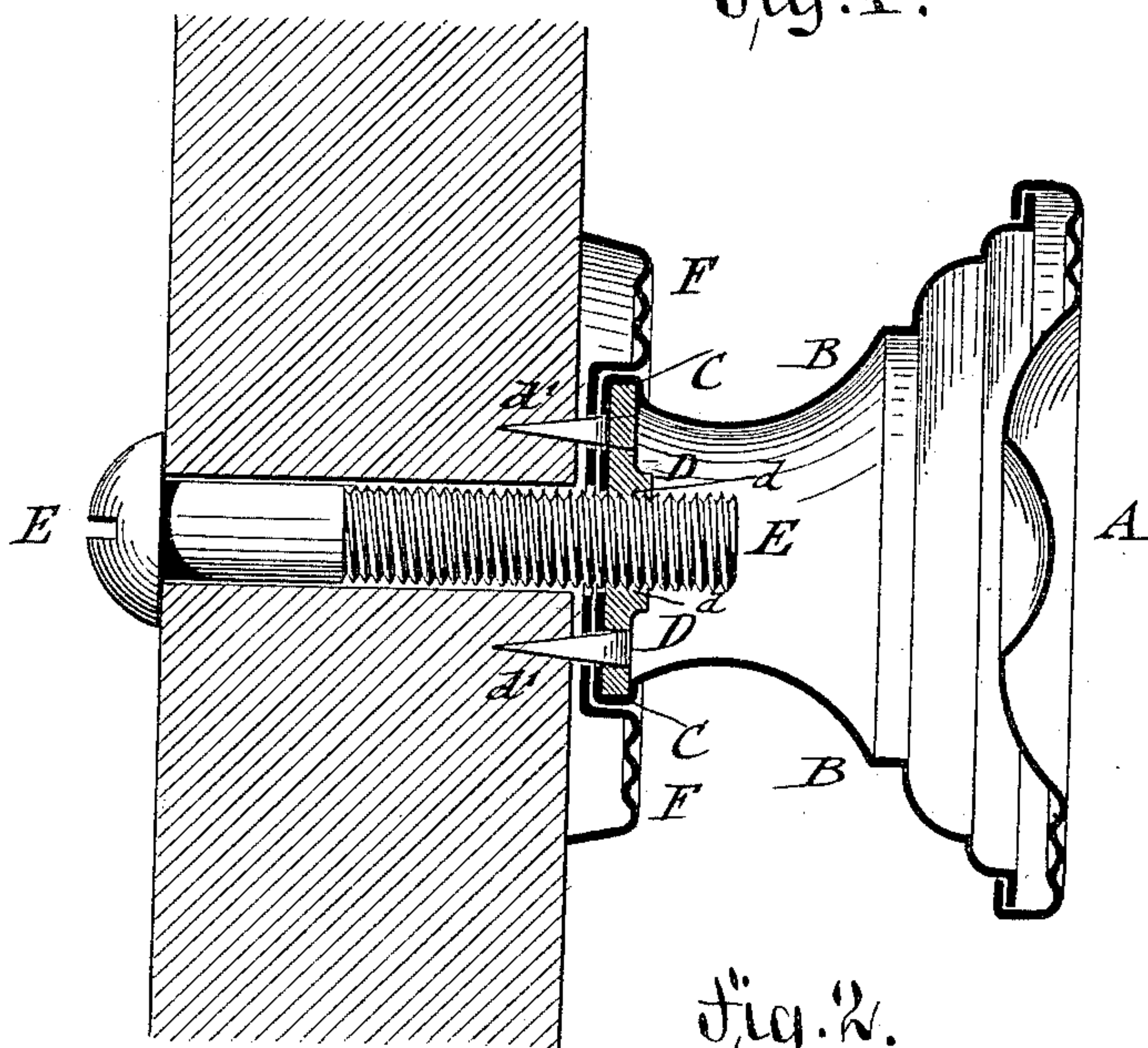


fig. 2.

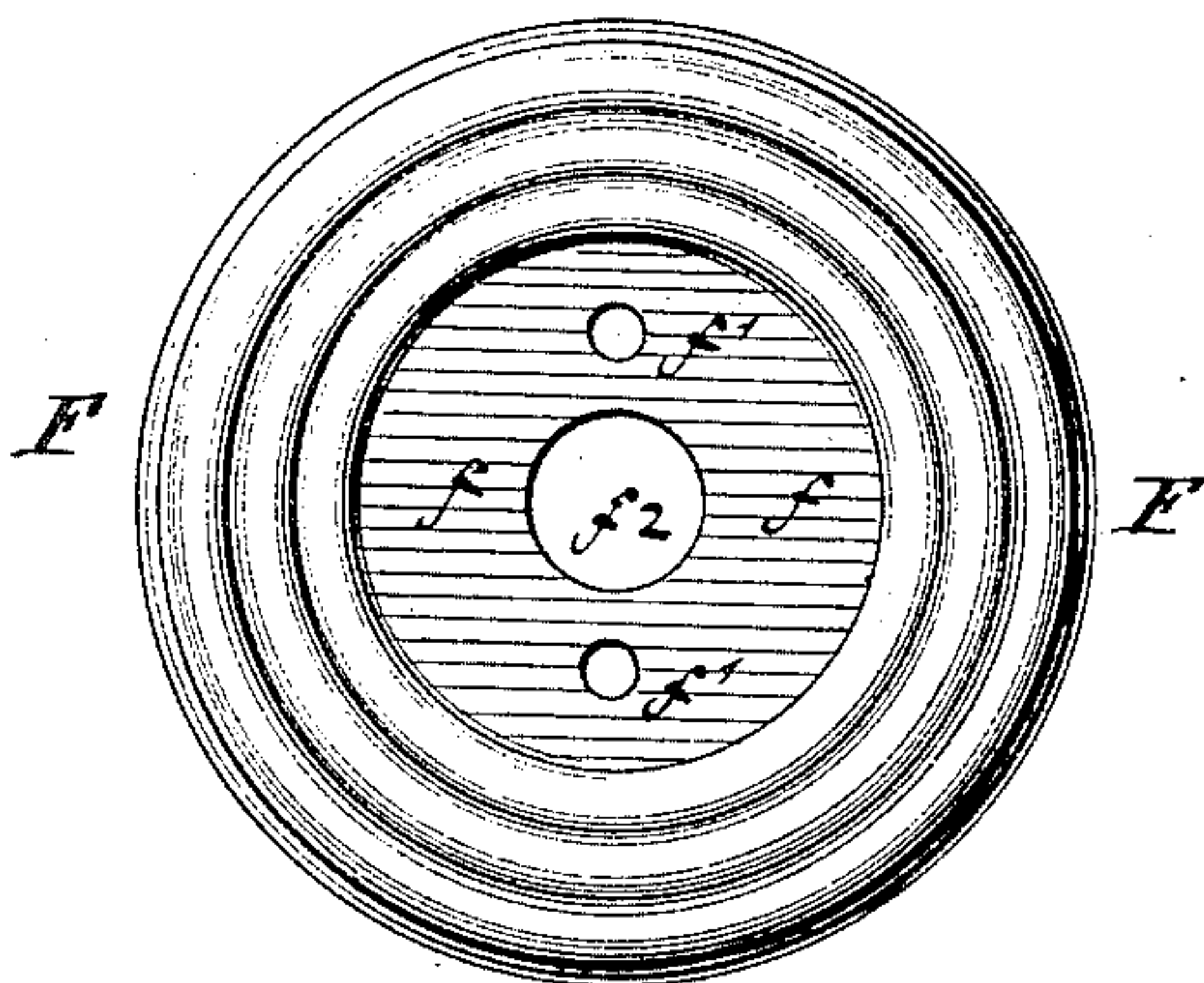
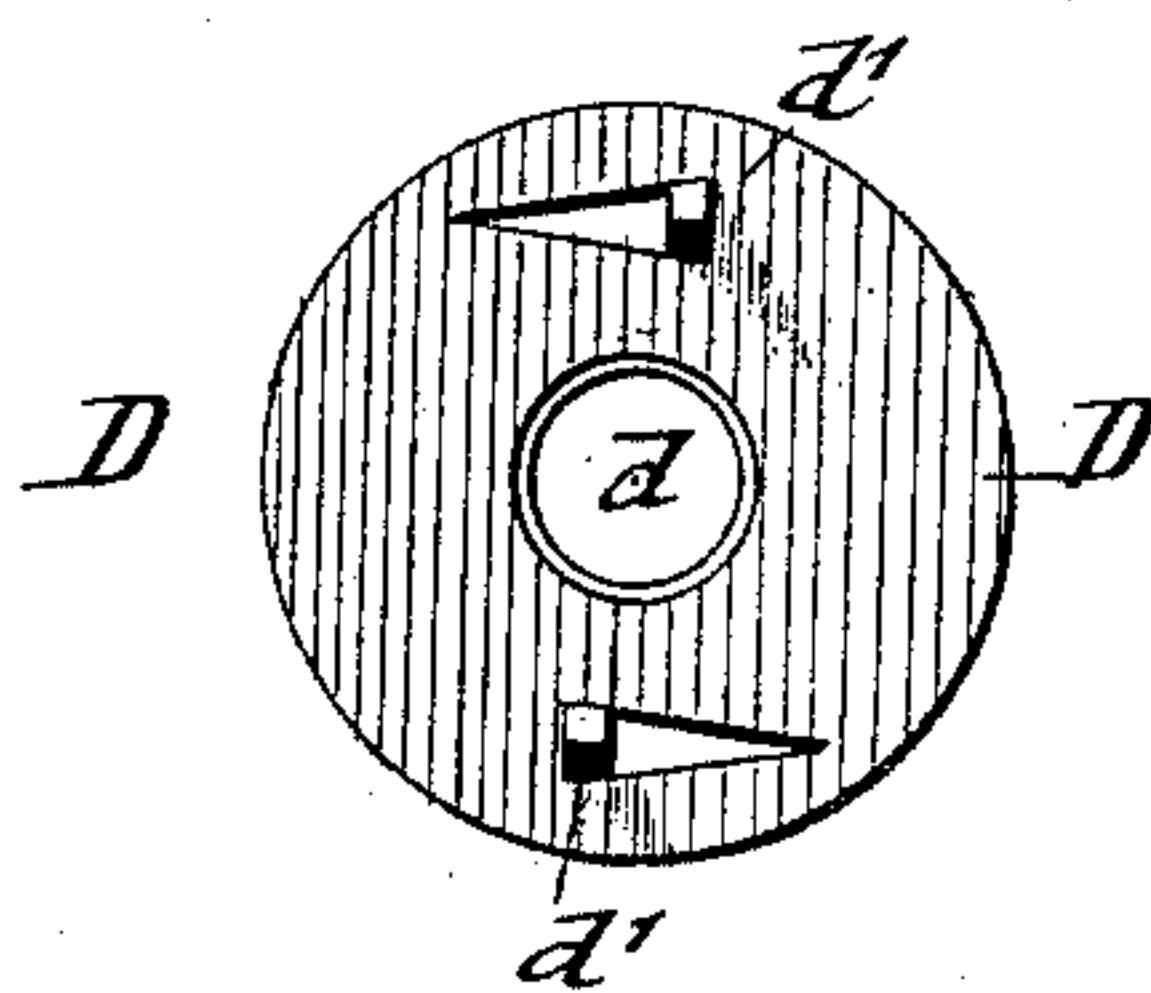


fig. 3.



WITNESSES:

*W. H. Rosenbaum.*  
*Carl Kay*

INVENTOR

*Julius Berbecker*  
BY *Loepel & Naegener*

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 Improve-  
5 ments in Sheet-Metal Knobs, of which the following is a specification.

This invention relates to certain improve-  
ments in sheet-metal knobs, by which the  
same can be readily attached to a drawer or  
10 other object and retained in position there-  
on 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  
15 bent up from and made integral with said  
plate, said prongs being passed through open-  
ings of said base and through openings of a  
washer having a central depression and a cen-  
tral opening for the fastening-screw that en-  
20 gages the central screw-tap of the re-enforc-  
ing plate.

In the accompanying drawings, Figure 1  
represents a vertical longitudinal section of  
my improved sheet-metal knob, showing it at-  
25 tached 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 corre-  
30 sponding 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  
35 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  
40 of the drawer or other object, as shown in  
Fig. 1. The metal re-enforcing disk D is pro-  
vided 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  
45 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 50  
the openings in the base of the knob and  
the bent-up prongs. When the knob is ap-  
plied to a door, drawer, or other object, the  
fastening-screw is passed through a central  
opening, *f'*, of the washer F and screwed 55  
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 posi-  
tion and prevented from getting detached  
60 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 65  
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 70  
aware that a sheet-metal door-knob which is  
provided with prongs or projections at its  
base, that are made integral with a re-en-  
forcing plate or disk of the base and passed  
through openings of the same and through 75  
corresponding openings of a washer that ex-  
tends 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— 80

The combination, with a sheet-metal knob  
the base of which is provided with a re-en-  
forcing plate having a central screw-tap and  
one or more bent-up prongs made integral  
with said plate, of a washer extending around 85  
the base of the knob, having holes registering  
with said prongs, and a fastening-screw pass-  
ing through said washer and engaging the  
screw-tap of the re-enforcing plate, substan-  
tially as set forth. 90

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

JULIUS BERBECKER.

Witnesses:

PAUL GOEPEL,

JOHN A. STRALEY.