(No Model.)

C. C. ANDREWS.

SHEET METAL KNOB.

No. 423,203. Patented Mar. 11, 1890.

Fig. 2.

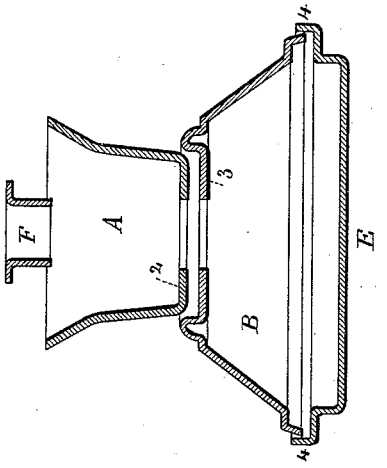
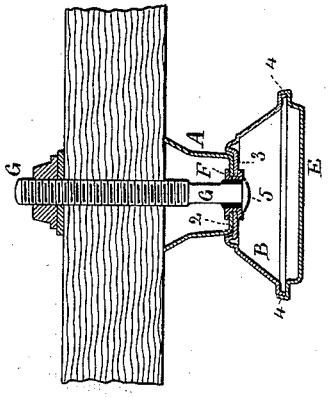


Fig. 1.



Witnesses:
J. Stair
Chas. N. Smith

Inventor:
Clayton C. Andrews
per Lemuel W. Serrell
atty

UNITED STATES PATENT OFFICE.

CLAYTON C. ANDREWS, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE AMERICAN RING COMPANY, OF SAME PLACE.

SHEET-METAL KNOB.

SPECIFICATION forming part of Letters Patent No. 423,203, dated March 11, 1890.

Application filed November 29, 1889. Serial No. 331,966. (No model.)

To all whom it may concern:

Be it known that I, CLAYTON C. ANDREWS, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented an Improvement in Sheet-Metal Knobs, of which the following is a specification.

The object of this invention is to facilitate the construction of sheet-metal knobs and to render them stronger and more durable than those heretofore constructed, and to connect the parts of the knob independently of the attaching-screw.

In the drawings, Figure 1 is a section of the knob complete. Fig. 2 is a section of the parts detached before they are put together.

The base A of the knob is usually conical and more or less ornamental, and it is made with a diaphragm 2, having a central opening, and the body B of the knob is also of sheet metal, having a diaphragm 3 with a central opening, and this body B of the knob is usually conical and plain, and the head E of the knob is of sheet metal and usually ornamented, and it is provided with a backwardly-turned flange 4, by which such head is fastened to the body B as the last operation in putting the parts of the knob together.

I make use of a metal eyelet F, of a size adapted to pass through the central holes in the diaphragms 2 and 3, and this eyelet F is spread and clinched to hold the diaphragms 2 and 3 firmly together and thus connect the base A and body B, and the opening through this eyelet F is of the proper size for the passage of the screw G, and this screw G is inserted into its place and preferably secured by solder applied between the head 5 of the screw and the eyelet, so that this screw is firmly held in its position to the other parts of the knob, and after this the head E is connected to the body B by turning down the flange 4, and the knob is ready for the finishing operations such as burnishing and lacquering, and the parts of the knob are firmly connected together and are not liable to become separated during the handling operations, such as packing, transporting, selling, and using such knob.

I remark that the screw G may be adapted to screw into the wood or to the reception of a nut, as usual.

I claim as my invention—

The sheet-metal knob formed of the base A and body B, having the perforated diaphragms 2 and 3 and the head E, in combination with the metal eyelet F, passing through the perforations in the diaphragm and connecting the parts together, and the screw G, passing through the eyelet, substantially as set forth.

Signed by me this 20th day of November, 1889.

CLAYTON C. ANDREWS.

Witnesses:

DAVID N. PLUME,

F. W. CHESSON.