L. L. HODGES.

Organ Stop Draw Knob.

No. 201,674. Patented March 26, 1878.

FIG. 1.

FIG. 2.

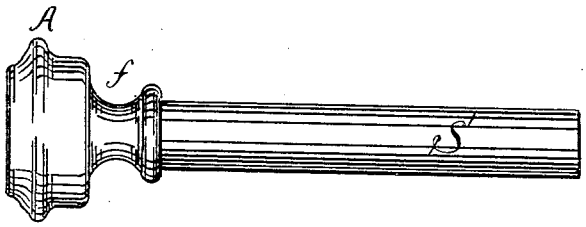


FIG 3.

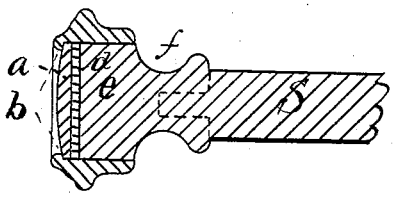


FIG 4.

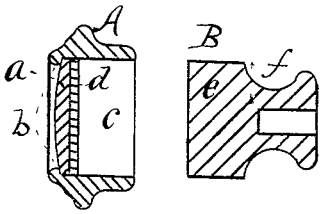
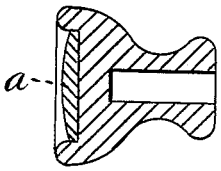


FIG. 5.



WITNESSES.

J. W. Porter.

Samuel D. Kelley.

INVENTOR.

Leonard L. Hodges.

By Eugene Humphrey,

Attorney.

UNITED STATES PATENT OFFICE.

LEONARD L. HODGES, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN ORGAN-STOP DRAW-KNOBS.

Specification forming part of Letters Patent No. **201,674**, dated March 26, 1878; application filed July 16, 1877.

To all whom it may concern:

Be it known that I, LEONARD L. HODGES, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful or Improved Knob for Organ-Stop Rods, which invention is fully set forth in the following specification, reference being had to the accompanying drawing.

My invention relates to knobs for the draw-stop rods of organs, usually constructed of wood, and enameled, and having porcelain disks or name-tablets inserted in the faces of the knobs, bearing the words, letters, or characters which indicate the names of the stops, and by which they are distinguished; and my invention consists in the method of constructing such knobs and combining and securing the tablets in the faces thereof, hereinafter fully described.

In the accompanying drawings, Figure 1 is a front view of my improved knob with a tablet inserted therein. Fig. 2 is a side elevation of the same, with a portion of the draw-stop rod or shank extending out therefrom. Fig. 3 is a longitudinal section through the center of the knob and tablet. Fig. 4 represents the two parts of my improved knob detached from each other. Fig. 5 is a longitudinal section of a knob, illustrating the method of construction hitherto practiced.

By the usual method of construction, as illustrated in said Fig. 5, a knob is turned in one piece, of suitable size and form, with the face thereof recessed or chambered out to a depth and diameter sufficient to receive the name-tablet *a*, when inserted from the front, said tablet being secured therein in various ways—sometimes by simply gluing or cementing it to the knob or to a paper inserted in the chamber of the knob behind the tablet, and sometimes by the employment of an additional metallic band or ring held within the rim of said chamber by its elastic expansive force, and so combined and arranged as to partially obstruct the opening to said chamber, through which the tablet has been passed, and thereby constituting a guard or barrier to prevent its falling out, all of which methods and devices have proved more or less troublesome and inefficient.

My method is to construct the knob in two parts, A and B, Fig. 4, the tablet chamber or shell A having an opening, *b*, in its front or face side, of less diameter than the tablet, but sufficient to clearly disclose the name or characters printed thereon, while preventing the tablet from passing through, and being also bored out from the back side, forming a chamber, *c*, sufficiently large in diameter and deep enough to receive the tablet *a*, and also, if needed, a soft elastic back or cushion, *d*, of paper or other suitable material, to produce sufficient compressive friction to keep the tablets from turning in their positions in said recesses, and thus inverting or disarranging the names.

When the tablet is thus properly placed in the shell A, the plug end *e* of part B is projected into the shell against the back of the tablet or cushion, as shown in Figs. 2 and 3, and glued or otherwise secured in said position in shell A, and the tablet is thereby firmly and securely held in the face of said knob. The knob is so formed and diminished at *f* that the pull thereon, in operating the stop-rods, is chiefly upon the back of the solid part *e*. The shank *s* is let into the knob in the usual manner, as shown, and glued or otherwise firmly secured therein.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. An organ-stop knob made in two parts, A and B, part A being formed with a tablet-chamber, *c*, wherein the tablet, when inserted, is seated against a ledge surrounding the diminished opening *b*, and part B being formed with a cylindrical body, *e*, adapted to fit the chamber *c*, and thus complete the knob and retain the tablet therein, as and for the purposes specified.

2. The combination of shell A, plug B, and tablet *a* in a stop-knob, substantially as specified.

3. The combination of shell A, plug B, tablet *a*, and cushion *d*, substantially as and for the purposes specified.

LEOND. L. HODGES.

Witnesses:

EUGENE HUMPHREY,

T. W. PORTER.