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Nathan Thompson, Imp^l in Knobs for Drawers &c.

No. 119,429.

Patented Sep. 26, 1871. *B*

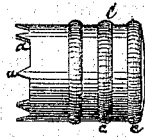


Fig. 1

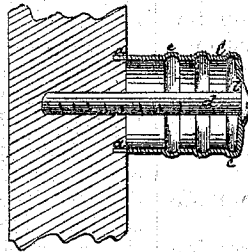


Fig. 2



Fig. 4

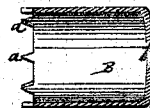


Fig. 3

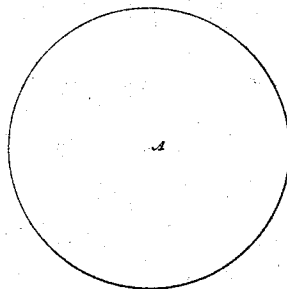


Fig. 5

Witnesses
Fred. Harnes
W. J. Dwyer

Nathan Thompson

UNITED STATES PATENT OFFICE.

NATHAN THOMPSON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN KNOBS FOR DRAWERS, &c.

Specification forming part of Letters Patent No. 119,429, dated September 26, 1871; antedated September 9, 1871.

To all whom it may concern:

Be it known that I, NATHAN THOMPSON, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Knobs for Drawers and other articles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, and in which—

Figure 1 represents a side view of my improved knob under one form of construction; Fig. 2, a longitudinal section of the same applied to a drawer front; Fig. 3, a longitudinal section, and Fig. 4 a front-end view of the knob at one of its stages. Fig. 5 is a face view of the blank out of which the knob is made.

Similar letters of reference indicate corresponding parts.

My invention consists in a novel construction of knobs for drawers and other articles by stamping and swaging the knob out of a sheet-metal blank, and forming it with prongs or teeth on the edge of its inner open end to keep the knob from turning, and so that the latter may be securely held to its place by a single screw entered through it from its closed outer end. Knobs thus constructed combine lightness and neatness with strength, presenting no evidence of their hollow or shell-like construction, and may be gotten up cheap.

Referring to the accompanying drawing, I first stamp or punch out of a plate of sheet metal blanks similar to the one A in Fig. 5, and then stamp and form said blank, by means of suitable

dies and cutters, into a cup, B, shown in Figs. 3 and 4, with prongs or teeth *a a* projecting from the edge of its open end or mouth, and with a central hole, *b*, through its opposite or closed end. The cup B is then swaged or spun to give a handle hold or surface on the finished knob C, as by annular corrugations *c*, or by otherwise swelling it toward the end in which is the perforation *b*, the hand-holding surfaces or projections being afterward roughened or milled, if desired.

The knob thus made is applied to the drawer front or other surface by pressing its open end against the same so as to make the teeth *a a* enter the wood, and securing it by a screw, *d*, entered from the outside through the hole *b* in its closed or outer end, the screw, when forced home, driving the teeth *a a* firmly into the wood to hold the knob from turning, and the screw, meeting the longitudinal thrust or pull, also serving by its head, which may be countersunk, to completely close the outer end of the knob.

Although here shown as of circular construction, the knob may be more or less flattened, if preferred, and, if thought advisable, wood or other filling be inserted within it.

What is here claimed, and desired to be secured by Letters Patent, is—

A sheet-metal knob, formed with spurs or prongs *a* projecting longitudinally from its open inner edge, substantially as and for the purpose specified, as an improved article of manufacture.

Witnesses: NATHAN THOMPSON.

FRED HAYNES,
U. J. TUSKA.