T. S. ALEXANDER.
Drawer-Pull.

No. 213,370. Patented Mar. 18, 1879.

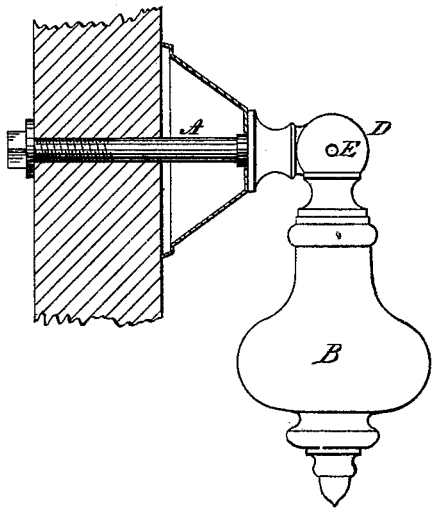


Fig. 1

Fig. 2

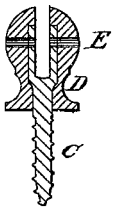
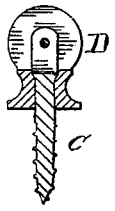


Fig. 3



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

THOMAS S. ALEXANDER, OF WEST MERIDEN, ASSIGNOR TO HIMSELF, ELMORE PENFIELD, OF MIDDLETOWN, AND SELAH A. HULL, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN DRAWER-PULLS.

Specification forming part of Letters Patent No. **213,370**, dated March 18, 1879; application filed December 18, 1878.

To all whom it may concern:

Be it known that I, THOMAS S. ALEXANDER, of West Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Drawer-Pulls; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

My invention relates to drawer-pulls having hanging-handles, and is an improvement upon the invention shown in Letters Patent No. 209,640, granted to myself and Selah A. Hull, for improvement in drawer-pulls.

My present invention consists in a drawer-pull in which the screw which forms part of the handle is formed in a forked shape at the upper end, so that it will embrace the leaf of the screw which passes through the drawer, and furnish a strong bearing for the rivet or pin which passes through the two parts to form the hinge, and around which soft metal of any desired ornamental shape is cast, to give a proper finish to the handle; the object of the invention being to make a stronger handle than can be made of soft metal alone, and one more easily and cheaply finished than if made wholly of hard metal.

In the accompanying drawings, Figure 1 is a side view of a drawer-pull embracing my improvements. Fig. 2 is a section through the handle part of the joint parallel to the face of the drawer. Fig. 3 is a section through the same at right angles to the face of the drawer.

A is that part of the drawer-pull which is attached to the drawer. The end of the screw forms a leaf, which enters between the cheeks in the ball on the end of the hanging part of the pull.

B is the handle or hanging part. C is a screw, to which that part of the handle which is usually made of wood or other substance than metal is attached. This screw is forked at its upper end, so as to embrace the leaf at the end of the screw which passes through the drawer.

D is a ball or knob, of soft metal, cast upon the forked end of the screw C, to form the upper end of the handle and give it the proper exterior shape.

E is the rivet or pin which forms the joint upon which the handle is turned upward. It passes through the exterior soft metal and the two sides of the fork on the screw C, as well as through the leaf upon the part A.

By means of my invention the handle is made much stronger than when the knob is wholly of soft metal.

The two parts of the fork securely hold the rivet, and the soft metal is not torn out or worn as it would be if the hard-metal screw were not interposed. At the same time a soft-metal surface is obtained, which can be easily finished to receive the plating which is ordinarily placed upon it.

What I claim as my invention is—

A drawer-pull in which the upper end of the screw C is forked, so as to embrace the intermediate leaf of the hinge and receive the rivet, and which has a soft-metal knob cast upon it, substantially as and for the purpose herein described.

In witness whereof I hereunto set my hand this 9th day of December, 1878.

THOMAS S. ALEXANDER.

Witnesses:
THEO. G. ELLIS,
ELMORE PENFIELD.