

(No Model.)

J. G. HALLAS.
DRAWER PULL.

No. 508,878.

Patented Nov. 14, 1893.

Fig. 1.

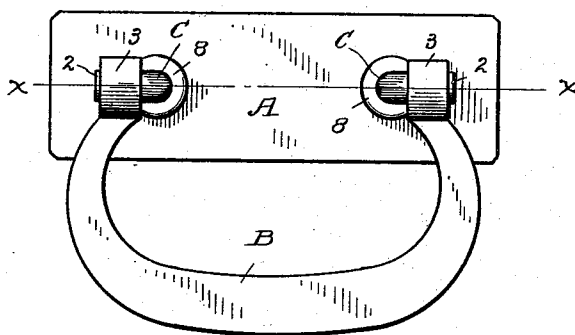


Fig. 2.

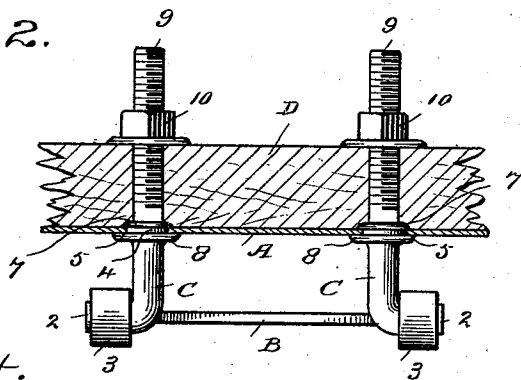


Fig. 4.

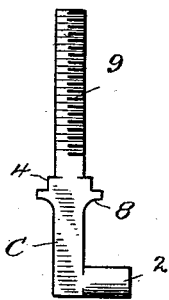


Fig. 3.

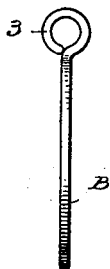
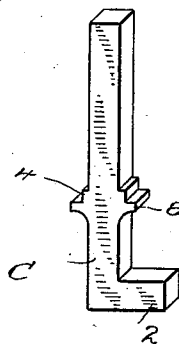


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

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DRAWER-PULL.

SPECIFICATION forming part of Letters Patent No. 508,878, dated November 14, 1893.

Application filed May 22, 1893. Serial No. 475,118. (No model.)

To all whom it may concern:

Be it known that I, JAMES G. HALLAS, a citizen of the United States, residing at Waterbury, 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 the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to the ordinary simple form of drawer pulls such for instance as are used upon sewing machine drawers and which consist of a face plate, a broadly U shaped hand piece, and two shanks formed in a single piece and at a single operation, which support the hand piece, pass through the face plate and drawer front and are secured in place in any suitable manner, in the present instance by nuts engaging threads on the inner ends of the shanks.

My invention has for its object to provide a strong, durable and attractive drawer pull in which the cost of construction shall be reduced to the lowest possible limit.

With these ends in view I have devised the simple and novel construction of which the following description in connection with the accompanying drawings is a specification, numbers being used to designate the several parts.

Figure 1 is an elevation of my novel drawer pull as in operative position; Fig. 2 a section of the face plate on the line *xx* in Fig. 1 the drawer front being also shown in section, and a form of shank made from wire being shown in plan; Fig. 3 an end elevation of the hand piece detached; Fig. 4 an elevation illustrating a form of shank blanked out from sheet metal, and Fig. 5 is a perspective of the blank before the shank has been rounded and threaded.

A denotes the face or escutcheon plate which may be made of any ornamental configuration, but which as it forms no portion of my present invention, I have shown as perfectly plain; B the hand piece which is struck out from sheet metal and is in configuration broadly U shaped. This hand piece is usually in practice ornamented by the dies at the same stroke that blanks it out. The

metal at the ends of the hand piece is curved outward and over and then back upon itself in a plane transverse to the plane of the hand piece to form eyes 3, the operation of forming the eyes being also performed by dies at a single operation so that the cost of construction is reduced to the minimum.

C denotes shanks each of which is provided with an outwardly turned end 2, with an enlargement 4 which passes through an opening 5 in the face plate and is headed down as at 7 on the inner side of the face plate, with a shoulder 8 which rests against the outer side of the face plate the latter being clamped between said shoulder and the heading, and with a suitable fastening device, in the present instance a threaded portion 9 which passes through the face of the drawer which I have indicated by D in Fig. 2 and is locked in position on the inner side by a nut 10 engaging the threaded portion of the shank.

In Fig. 2 I have shown a form of shank which is made from a blank of wire upon one end of which a thread is rolled and which is upset endwise to form enlargement 4 and shoulder 8.

In Figs. 4 and 5 I have illustrated a form of shank which is blanked out from sheet metal, the enlargement, shoulder and outwardly turned ends being all formed by the blanking operation it being optional whether they are rounded or otherwise finished afterward, the only other operation required after blanking out being to round the end of the shank opposite to the inwardly turned end and to roll a thread thereon.

Having thus described my invention, I claim—

A shank for drawer pulls made from a blank of wire and without waste, said shank having upon one end a rolled thread, the other end and the hand piece being connected directly by bending and the shank being upset endwise to form an enlargement 4 and a shoulder 8, and attached to the face plate by heading down enlargement 4.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES G. HALLAS.

Witnesses:

ROSWELL H. BUCK,
GEO. C. NUTTALL.