

J. B. Bailey,

Knife Handle.

No. 103278.

Patented May 24, 1870.

Fig. 2.

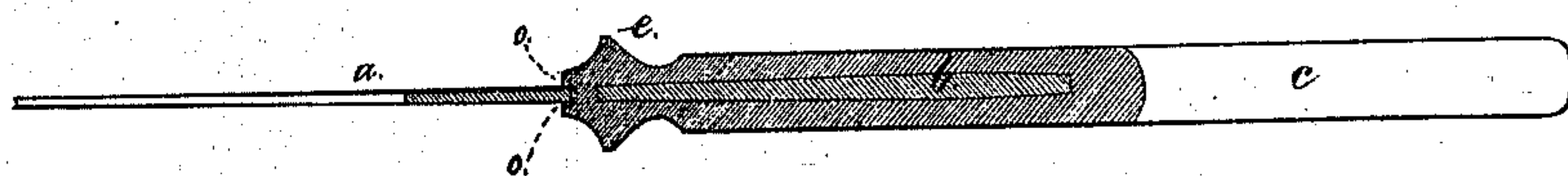
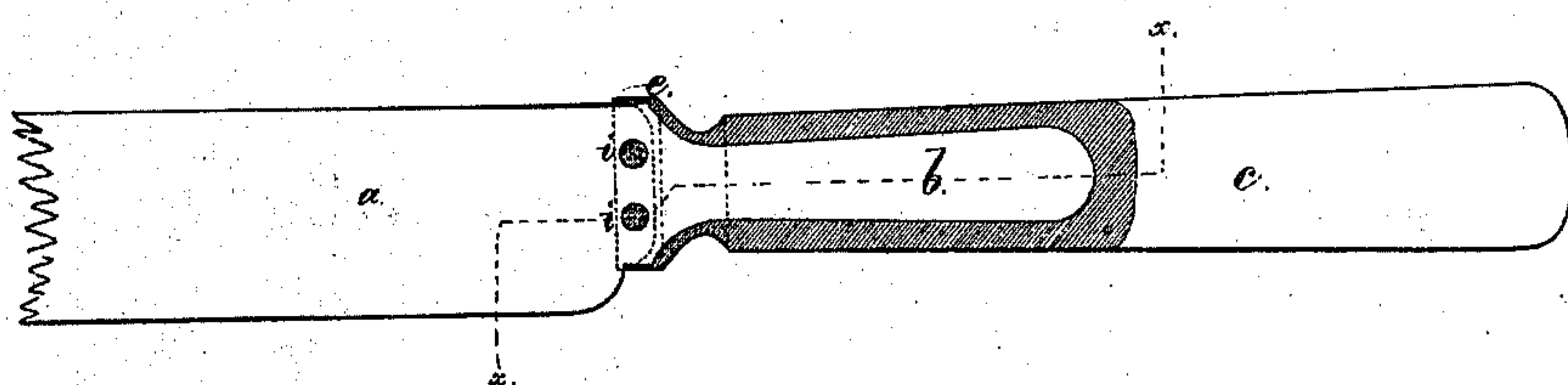


Fig. 1.



Witness,

Chas. H. Smith

Jos. D. Walker

Jacob B. Bailey
per Lemuel W. Serrell
att'y.

UNITED STATES PATENT OFFICE.

JACOB B. BAILEY, OF NEW YORK, N. Y.

IMPROVEMENT IN HANDLES FOR KNIVES.

Specification forming part of Letters Patent No. **103,278**, dated May 24, 1870.

To all whom it may concern:

Be it known that I, JACOB B. BAILEY, of the city and State of New York, have invented an Improvement in Handles for Knives; and the following is declared to be a correct description thereof.

Handles for table-knives have been made hollow, and either the halves soldered together or the entire handle cast upon a core. In both cases it is difficult to obtain a perfect handle, free from perforations or flaws. Metal bolsters have also been cast upon the knife, and used with wooden and other handles.

In knives where the bolster is cast upon the blade the shrinkage of the metal as it cools frequently causes a very narrow opening between the bolster and the blade, and into this the materials employed in silver-plating are sure to pass, and these afterward injure the finished blade when exposed to moisture or atmospheric influences. This opening is further increased by bending up and breaking or cutting off the feather or spur of metal that frequently passes out between the mold and the blade in casting, especially as the bolster at the point of union is usually very thin and easily bent.

Bolsters have been made upon the ends and shanks of knife-blades, and the blade has been perforated at this point for the cast metal or the bolster to run through; but knives made with these bolsters were not adapted to being plated because the handle was made in a skeleton form or hollow, to receive pieces of wood or bone, and it is found in practice that handles of this description cannot be plated reliably, because the solution employed penetrates the joints, crevices, or openings.

My invention is made to obviate the difficulties heretofore experienced in plating knife-handles; and it consists in a solid metal handle cast upon the tang of the blade, with the cast metal extended up around the base of the blade to form the bolster, with a square shoulder at its union with the blade, so that said bolster will not be bent up by the breaking off of any fin or spur of metal that may pass out between the blade and the mold.

In the drawings, Figure 1 is a side view, with part of the handle in section; and Fig. 2 is a section at the line *x x*.

The blade *a* is made with a shank or tang, *b*, passing into the handle *c*, which handle and the bolster *e* are of metal cast around the tang *b* and base of the blade *a*. The holes through the blade at *i i* allow the cast metal to tie the two sides of the bolster *e* together, and at the same time hold the blade very firmly from working loose. The square shoulder at *o*, upon the bolster, at its junction with the knife, is made for the purpose before named.

The knife-handle made in this manner is especially adapted to the better qualities of silver-plated table-knives.

I claim as my invention—

The solid metal handle cast upon the tang of the blade, with the cast metal extended up around the base of the blade, to form the bolster with the square shoulder, as and for the purposes set forth.

Signed by me this 5th day of March, A. D. 1870.

J. B. BAILEY.

Witnesses:

CHAS. H. SMITH,
GEO. T. PINCKNEY.