

(No Model.)

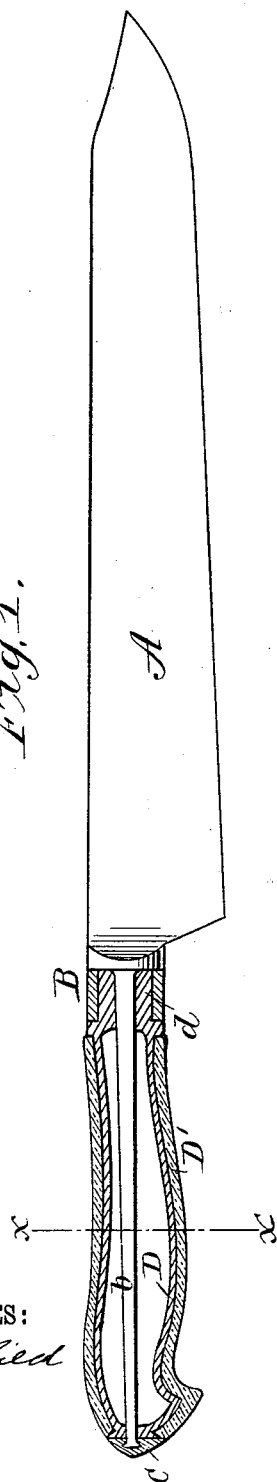
J. H. LA FAVE.

HANDLE FOR CUTLERY AND OTHER ARTICLES.

No. 348,330.

Patented Aug. 31, 1886.

Fig. 1.



WITNESSES:

J. D. Duffield
C. Sedgwick

Fig. 2

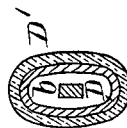
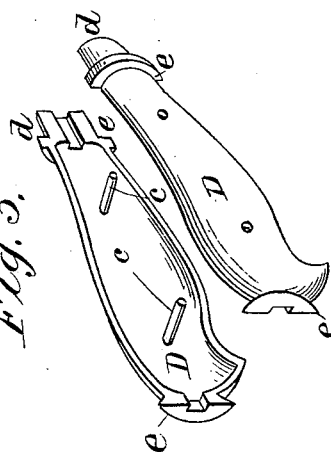


Fig. 3.



INVENTOR:

J. H. La Fave
BY *Munn & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH H. LA FAVE, OF MILLER'S FALLS, MASSACHUSETTS, ASSIGNOR TO
ALFONSO V. BOWKER, OF SAME PLACE.

HANDLE FOR CUTLERY AND OTHER ARTICLES.

SPECIFICATION forming part of Letters Patent No. 348,330, dated August 31, 1886.

Application filed January 5, 1886. Serial No. 187,707. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. LA FAVE, of Miller's Falls, Franklin county, and State of Massachusetts, have invented a new and useful Improvement in Handles for Cutlery and other Articles, of which the following is a full, clear, and exact description.

This invention consists in a handle for cutlery and other articles, composed of a hollow metal shell and an outside covering of porcelain, substantially as hereinafter shown and described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a side view of a carving or other knife with its handle embodying my invention in section. Fig. 2 is a transverse section of the same upon the line *xx* in Fig. 1; and Fig. 3 is a view in perspective showing a modified sectional construction of the inner shell portion of the handle.

A is the blade of the knife, and *b* its tang.

B is the usual soft-metal bolster, uniting the inner end of the handle with the blade, and C the usual soft-metal cap or finishing-piece on the outer end of the handle, uniting the tang *b* at its outer extremity with the handle. Said bolster B and end cap-piece, C, may be applied to the knife by placing the knife and its handle in a mold, and running molten soft metal therein to form said uniting handle-end "finishings," or in any other suitable manner, and, if desired, the tang *b*, instead of engaging at its outer end with the cap-piece C, may be arranged to project only a limited distance within the handle.

D D' indicate the handle, which may be of any desired exterior configuration. Said handle is composed of an inner cast or wrought and struck-up or spun metal shell, D, having a covering or shell, D', of porcelain united with it, the two combined forming a compound porcelain metal handle, which is not only light and cheap, but presents a porcelain exterior or finish, not liable to be affected by hot water used in washing the knife. The porcelain covering D' may be applied by introducing the material of which the porcelain is com-

posed in soft or plastic state within a mold containing the metal shell of the handle, and afterward allowing it to harden, and firing the whole in a kiln, and subsequently smoothing and glazing the exterior, and returning the handle to the kiln for a second firing, and, finally, dressing the exterior, as required, or the porcelain, which may or may not have coloring material mixed with it, may be otherwise applied to the metal shell of the handle, the manner of applying it forming no part of this invention.

The metal shell D may either be made of a simple piece of metal, as in Figs. 1 and 2, or, for convenience in manufacture, it may be made in longitudinal halves or sections, as shown in Fig. 3, and the two sections held together by pins or rivets *c c*, to hold these sections in position until the porcelain covering, which will bind or hold them, is applied. This latter mode of constructing the metal shell provides for its being readily cast or struck up in dies.

The inner end of the shell D is formed with a neck, *d*, to receive over it the soft-metal bolster B, and said shell constructed at or near its opposite ends with flanges or shoulders *e*, to give end support to and lock the porcelain with the shell.

If desired, the interior of the handles may be filled with cement or other suitable material.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As a new article of manufacture, a porcelain metal-lined hollow handle for cutlery and other articles, substantially as specified.

2. In a porcelain metal-lined hollow handle for cutlery and other articles, the metal shell of the handle constructed with a reduced inner end adapted to receive a bolster over it, and having one or more exterior flanges or shoulders for support of the porcelain and engagement of it with the shell, essentially as shown and described.

JOSEPH H. LA FAVE.

Witnesses:

PAUL MOONEY,
JOHN P. POWERS.