No. 780,353. PATENTED JAN. 17, 1905.

W. D. KEEFER.

HANDLE.

APPLICATION FILED FEB. 16, 1904.

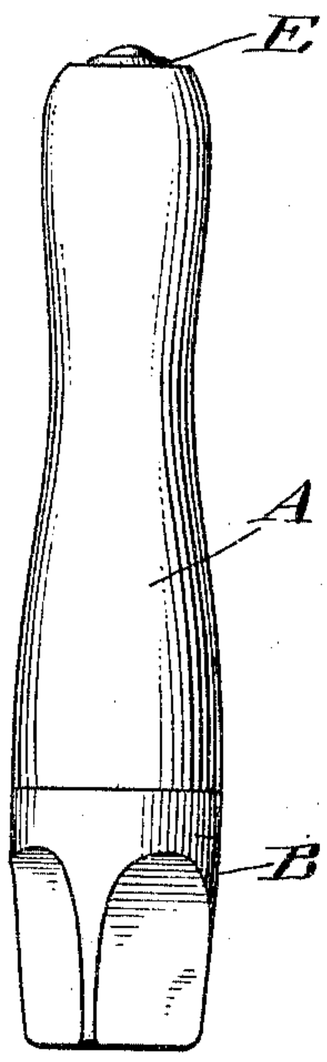

Fig. 1.

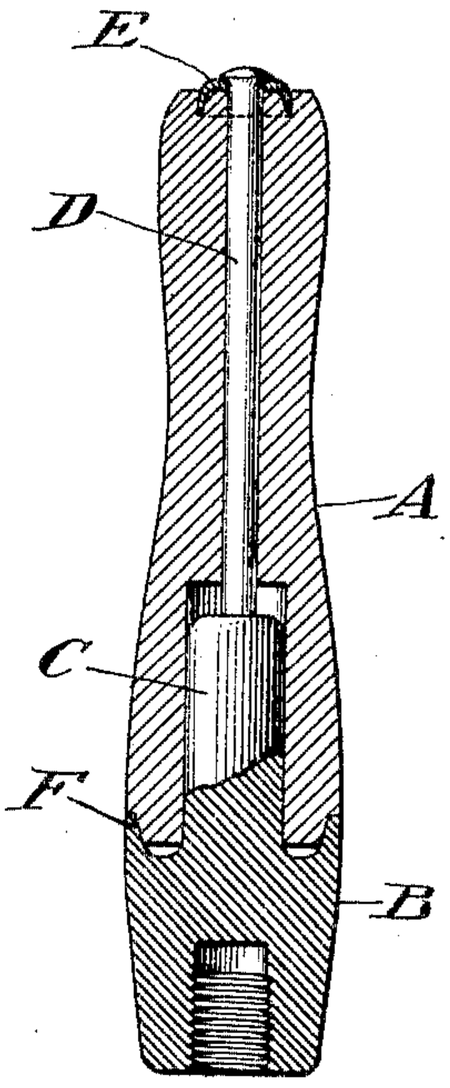

Fig. 2.

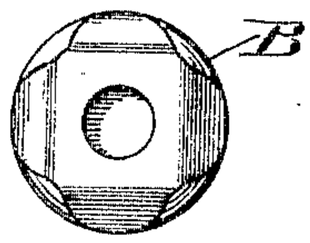

Fig. 3.

Witnesses:
H. B. Hallock.
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No. 780,353. Patented January 17, 1905.

UNITED STATES PATENT OFFICE.

WILLIAM D. KEEFER, OF GAS CITY, INDIANA.

HANDLE.

SPECIFICATION forming part of Letters Patent No. 780,353, dated January 17, 1905.

Application filed February 16, 1904. Serial No. 194,446.

To all whom it may concern:

Be it known that I, WILLIAM D. KEEFER, a citizen of the United States, residing at Gas City, county of Grant, and State of Indiana, have invented a certain new and useful Improvement in Handles, of which the following is a specification.

My invention relates to a new and useful improvement in handles, and has for its object to provide an improved construction of handles composed of wood and metal, the construction being such that the handle will be exceedingly durable, easily put together, and easily repaired.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the handle complete; Fig. 2, a vertical section through the handle; Fig. 3, a bottom plan view of the same.

A represents the wooden portion of the handle, which may be of any configuration desired.

B represents the stock, which is made of metal, this stock having an elongated boss C, extending upward from the center of the stock, which fits into a counterbore formed in the lower end of the wooden portion of the handle. The base does not extend entirely to the top of the bore, but leaves a sufficient space to take up any wear that may occur to the wooden handle. A tine D, formed integral with the stock, extends upward from the boss C through the wooden portion A of the handle and through the center of a cup-shaped washer E, which cup-shaped washer is driven into the outer end of the wooden portion of the handle, and the tine D is then riveted outside of the washer or secured in any other manner desired. The inner end of the body portion of the stock B is provided with an annular flange F, extending inward, this flange being tapered toward the center upon the inside. The inner end of the wooden portion A of the handle is adapted to fit within the annular flange F, so that said flange will act as a ferrule and prevent the splitting of the wood.

The stock B is interiorly threaded to receive a stud of a glass-mold, for which this handle is primarily intended; but it is obvious that this invention could be used as a handle upon other objects in which it is desired to have a handle made of wood and metal.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

The herein-described handle comprising a base portion having a threaded socket, an integral boss projecting from the central portion of the base, a tine projecting from the end of the boss, an annular flange on the edge of the base portion forming a groove between the flange and boss, a wooden portion having a counterbore of greater depth than the length of the boss, and the said handle being fitted to the tine and boss with the end of the tine projecting from its end.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

WILLIAM D. KEEFER.

Witnesses:
JOHN F. LINN,
JOHN W. PUGH.