(No Model.)

G. S. HASTINGS.

KNIFE HANDLE.

No. 277,132. Patented May 8, 1883.

Fig. 1.

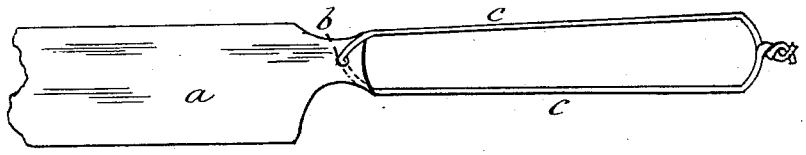


Fig. 2.

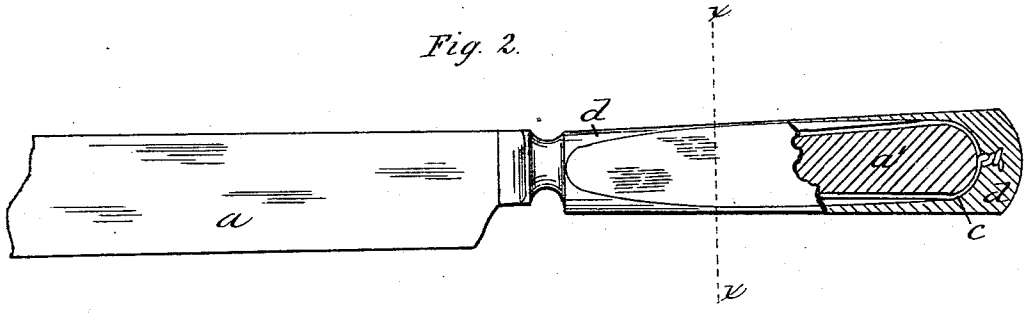


Fig. 3.



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UNITED STATES PATENT OFFICE.

GLOVER S. HASTINGS, OF WATERBURY, CONNECTICUT.

KNIFE-HANDLE.

SPECIFICATION forming part of Letters Patent No. 277,132, dated May 8, 1883.

Application filed August 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, GLOVER S. HASTINGS, of Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in the Method of Securing Knives and Forks to Handles, of which the following is a description, reference being had to the accompanying drawings, where—

Figure 1 is a side view of a knife-blade and a tie. Fig. 2 is a view of a blade and handle, parts being shown in longitudinal central section. Fig. 3 is a view of parts in cross-section on line *x x*.

My invention relates to the art of securing the blades of knives, forks, and the like to their handles; and it consists in the use of a tie of wire, which is passed through a hole in the heel of a tangless blade, along a handle, and has its ends twisted firmly together back of the handle. These parts are suitably protected and finished by molding about them a material normally hard but plastic, a liquid when heated, to form what I term the "bolster and binder."

In the accompanying drawings, the letter *a* denotes a knife-blade, recessed on back and front at its heel and shaped to fit the end of the handle. About centrally of the heel it is perforated, as at *b*. Through this hole a wire, *c*, is passed, and along grooves in the upper and lower edges of the handle *a'*, (which may be of porcelain or glass,) and at the back end of the handle the ends are united and firmly twisted together. By this operation of twisting the wire the blade and handle are drawn together and held fast while the metal *d*, forming the bolster and binder, is cast about the heel of the blade and along the edges and back end of the handle. This method of securing the wire by twisting the ends gives a better and securer hold between the parts than where the tie is not secured to the blade and handle until the final operation of casting metal about the parts, as is some times practiced.

I claim as my invention—

In a knife or similar implement, the combination of a wire passed through a hole in the heel of a tangless blade, along a handle, and having its ends twisted firmly together back of the handle, whereby it and the blade are drawn firmly together, and the bolster and binder, all substantially as described, and for the purpose set forth.

GLOVER S. HASTINGS.

Witnesses:
B. G. BRYAN,
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