No. 803,161. PATENTED OCT. 31, 1905.

G. S. HASTINGS.

HANDLE FOR KNIVES, FORKS, &c.

APPLICATION FILED APR. 18, 1905.

Fig. 1.

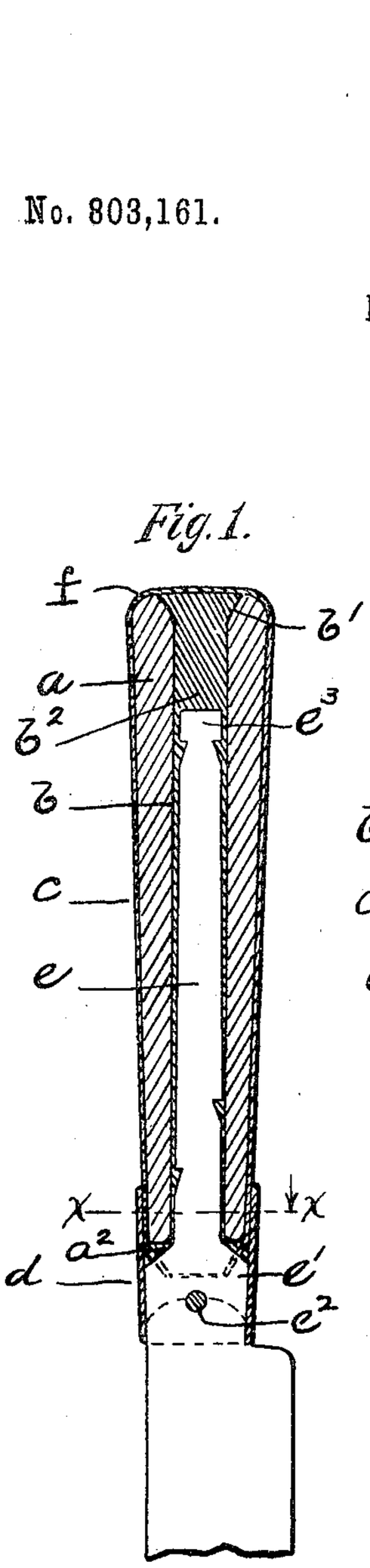


Fig. 3.

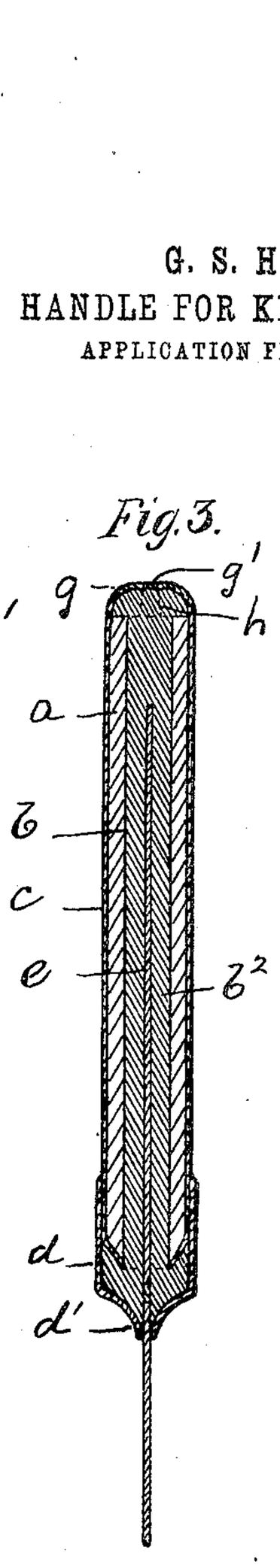


Fig. 4.

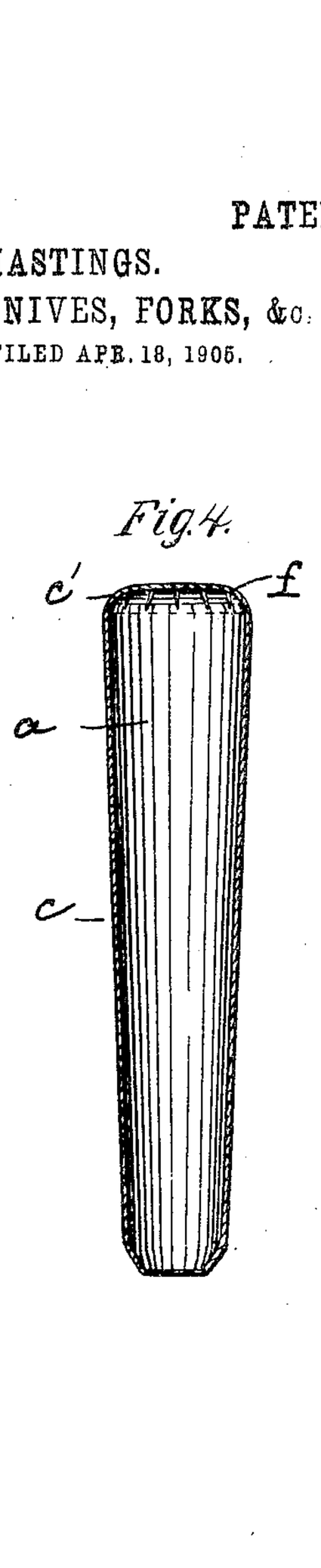


Fig. 5.

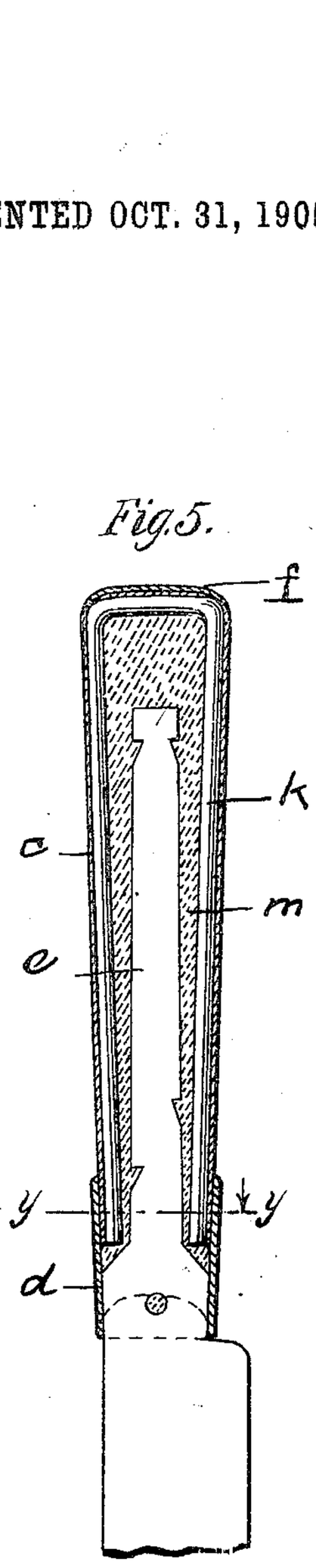


Fig. 2.

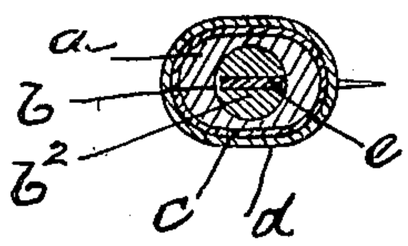
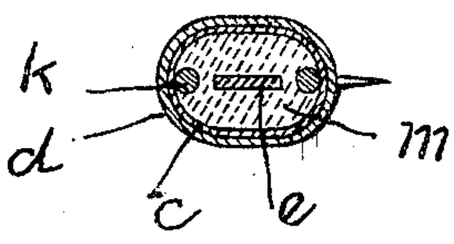


Fig. 6.



Witnesses:
F. H. Elliott.
D. Drummond.

Inventor:
Glover S. Hastings
by H. E. Hart
his Attorney

UNITED STATES PATENT OFFICE.

GLOVER S. HASTINGS, OF PLAINVILLE, CONNECTICUT.

HANDLE FOR KNIVES, FORKS, &c.

No. 803,161. Specification of Letters Patent. Patented Oct. 31, 1905.

Application filed April 18, 1905. Serial No. 256,258.

To all whom it may concern:

Be it known that I, GLOVER S. HASTINGS, a citizen of the United States of America, residing at Plainville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Handles for Knives, Forks, &c., of which the following is a specification.

The object of my invention is to produce devices of the character specified having features of novelty and advantage.

In the drawings, Figure 1 is an elevation in central vertical section of my invention. Fig. 2 is a cross-sectional view on the line *x x* of Fig. 1. Fig. 3 is an edge view in central vertical section. Fig. 4 shows the details of construction. Fig. 5 is a central vertical cross-section of a modification. Fig. 6 is a cross-sectional view taken on the line *y y* of Fig. 5.

Referring to Figs. 1 to 3, inclusive, of the drawings, *a* denotes a core, which is preferably made of wood, being centrally pierced lengthwise, as at *b*, the hole terminating at the outer end of the handle in a slight recess *b'*. To this core is fitted a veneer-finishing surface *c* of celluloid. On the inner end of the handle is located the ferrule *d*, which preferably has a bolster *d'* formed integral therewith. The tang *e* of the implement, whatever its character, passes through the bolster and ferrule and into the handle and preferably extends nearly to the outer end thereof. The tang is broad at its base *e*, where it joins the blade, giving it a substantial support in the bolster, this broad part fitting into a groove a^2 in the inner end of the wooden core *a*. It extends from wall to wall of the ferrule *d* and has an aperture e^2, through which the metal or other material by which the parts are secured together may flow to fill the ferrule on each side of the tang and bind the tang and blade in place. These tangs are generally flat and have a flared or notched end e^3. There is a little clearance left between the tang and the walls of the hole through the handle. After these three parts—the handle, ferrule, and tang—are assembled some material, such as fluent metal, is poured into the opening in the handle from the outer end and flows down into and fills the bolster and ferrule and also the opening in the handle around the tang and the recess at the outer end of the handle. This material is then allowed to set, firmly uniting the three parts together. The celluloid-veneer finish is formed to fit closely onto the outer end of the handle, as by notching its edges, as indicated at *c'*, and a cap *f*, of celluloid, is fitted over and secured to the end of the handle, giving it a symmetrical and finished appearance.

If a metal cap *g* is used at the outer end of the handle, the core is slotted, as indicated at *h* in Fig. 3, these slots being wider at the bottom than at the top, and the cap is pierced, as at *g'*, to correspond to the piercing in the core. The uniting material (indicated at b^2) is poured through this hole and fills the ferrule and the hole in the core and the tang and also flows into the slots, locking the metal cap to the core.

By following out the invention as above described I can use a native wood for the core of the handle, the celluloid acting as a thorough protection against the injurious action of water and other substances. The celluloid veneer is inexpensive and very quickly applied and requires no finishing, and the handle is firmly united to the implement, thus producing a strong, cheap, and lasting construction and one having a neat appearance.

A modification of my invention is illustrated in Figs. 5 to 6, inclusive, wherein the core *k* is formed from metal and, as shown, from a wire bent to shape, over which the celluloid is fitted, on the inner end of which is placed the combined ferrule and bolster, the tang of the implement passing through the bolster and ferrule into the core. The solid part of the handle is provided by pouring in cement, (indicated at *m*,) which thoroughly unites the tang, ferrule, and cover, the cement being smoothed off at the outer end and covered by a celluloid cap to finish the handle.

I claim as my invention—

1. In an article of the character described the celluloid handle, a core fitted in the said handle, a ferrule on the inner end of the handle, the implement-tang passing through the ferrule and extending into the core, and a uniting material filling the space in said ferrule and core about said tang, substantially as described.

2. In an article of the character described the celluloid handle, a core fitted in the said handle, a ferrule on the inner end of the handle, the implement-tang passing through the ferrule and extending into the core, a uniting material filling the space in said ferrule and core about said tang, and a cap for the outer end of said handle.

3. In an article of the character described

the celluloid handle, a core fitted into said handle, a combined ferrule and bolster on the inner end of the handle, the implement-tang passing through said bolster and ferrule and extending into the core, and a uniting material filling the space in said ferrule and core about said tang.

4. In an article of the character described the celluloid handle, a core fitted into said handle, a combined ferrule and bolster on the inner end of the handle, the implement-tang passing through said bolster and ferrule and extending into the core, and a uniting material filling the space in said ferrule and core about said tang and interlocking with the outer end of said handle.

5. In an article of the character described the celluloid handle, a hollow core fitted into said handle, a ferrule on the inner end of the handle, the implement-tang passing through the ferrule and extending into the core, and a uniting material filling the space in said ferrule and core about said tang and interlocking with the outer end of the core, and a cap for the outer end of the handle.

6. In an article of the character described the celluloid handle, a solid core fitted into said handle, said core having a central opening lengthwise thereof, a combined ferrule and bolster at the inner end of the handle, the implement-tang passing through said ferrule and bolster and extending into the opening in the core, a uniting material filling the space in said ferrule and core about said tang, and a cap for the outer end of said handle.

7. In an article of the character described a celluloid handle, a wooden core grooved at its inner end and having a central opening terminating at the outer end of the core in a recess, a ferrule on the inner end of the handle, a tang extending into the opening in the core and having a broad base within the ferrule which fits into the groove in the handle, an aperture through said base, uniting material filling the space in the ferrule and core to secure the core, tang and ferrule together, and a cap for the outer end of the handle.

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

GLOVER S. HASTINGS.

Witnesses:
GEO. B. WARD,
D. I. KREIMENDAHL.