

No. 648,265.

Patented Apr. 24, 1900.

L. VON JARACZEWSKI.
KNIFE, FORK, OR THE LIKE.

(Application filed Mar. 29, 1899.)

(No Model.)

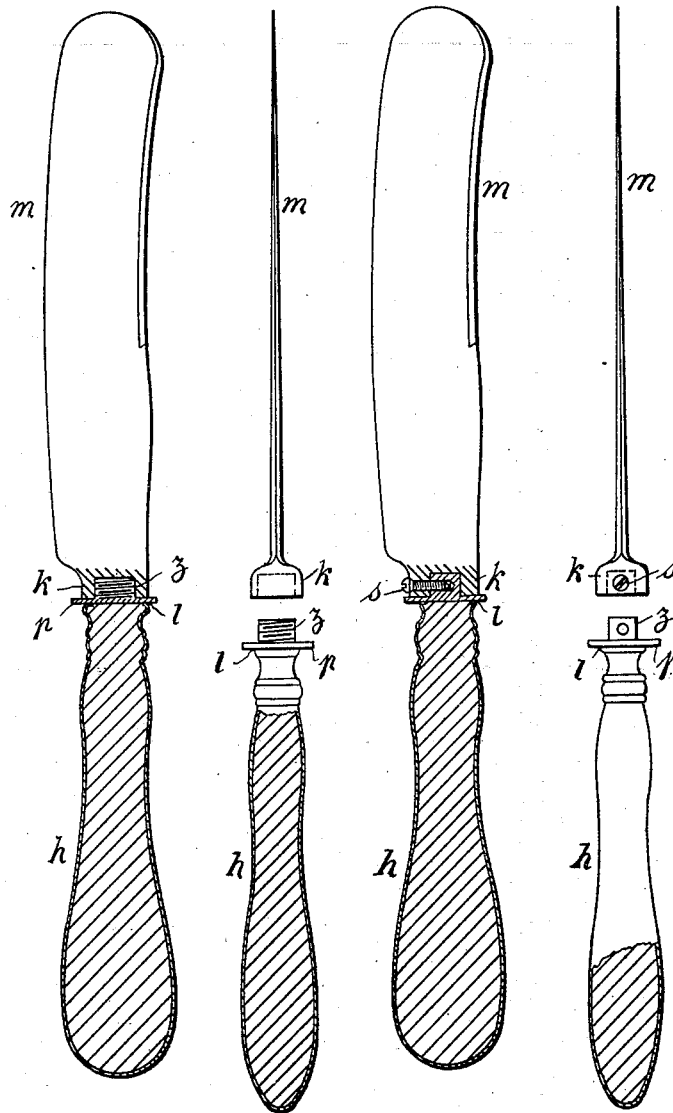
2 Sheets—Sheet 1.

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.



Witnesses.
M. A. Miles
Geo. M. Copenhagen

Inventor.
Lionel von Jaraczewski
By her Attorneys
Lawson Hanson

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Fig. 5.

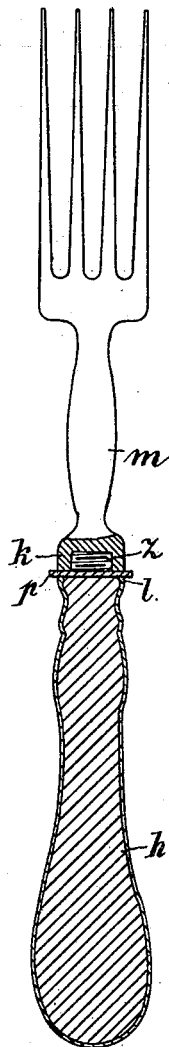
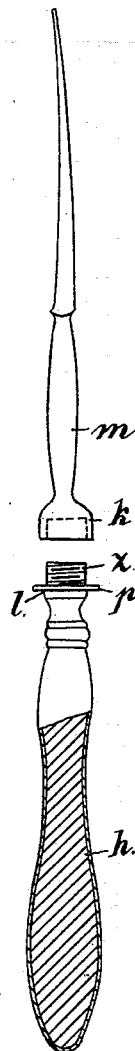


Fig. 6.



WITNESSES

Walter Abbe

S. C. Connor

INVENTOR

Leonie von Jaraczewski

BY

Horst and Horst

ATTORNEYS

UNITED STATES PATENT OFFICE.

LÉONIE VON JARACZEWSKI, OF BERLIN, GERMANY.

KNIFE, FORK, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 648,265, dated April 24, 1900.

Application filed March 29, 1899. Serial No. 710,969. (No model.)

To all whom it may concern:

Be it known that I, LÉONIE VON JARACZEWSKI, a subject of the German Emperor, residing at Berlin, in the German Empire, have invented certain new and useful Improvements in Knives, Forks, or the Like; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improved method of attaching the steel blades or the like of knives, forks, and the like to the handles thereof, and is more particularly adapted for table-knives having valuable metal and other hollow handles.

Heretofore it has been usual to connect the blade and handle of knives, &c., by means of a tang, tongue, or the like attached to the bolster upon the end of the blade of the knife or the like, the said tang being secured inside the handle by means of shellac or by being screwed into the said handle. Now according to this invention the connection of the two parts is effected outside the handle and through the medium of a short pin upon a plate secured to the handle, which said pin can be securely but detachably fastened in the thickened bolster of the blade or the like by means of a screw-thread or in any other suitable manner.

To enable the invention to be fully understood, I will describe it by reference to the accompanying drawings, in which—

Figure 1 is an elevation, partially in section, of a hollow-handled knife having a detachable screw-threaded attachment made according to the invention. Fig. 2 is a view at right angles to Fig. 1, showing the two portions of the knife separate from one another. Fig. 3 is a view similar to Fig. 1, and Fig. 4 a view similar to Fig. 2 of a modification of the invention. Figs. 5 and 6 are views corresponding to Figs. 1 and 2, but showing the application of my invention to a fork.

The handle *h* is formed of metal filled with a suitable substance and is closed by a metal plate—for example, by a steel plate *p*, provided on the outside with a short pin *z*, which may be formed with a screw-thread, as in the arrangement illustrated in Figs. 1 and 2. The

plate *p* is advantageously soldered closely, as illustrated in Figs. 1 and 2, to the end of the metal handle, so as to be securely attached thereto; but it can be fastened to the handle in any other suitable manner. For example, both the plate *p* and the pin *z* can be made in one piece with the handle.

The bolster *k* of the blade *m* is made stronger than is usually the case and it is formed with a hole the size of which corresponds to that of the pin. In the arrangement illustrated in Figs. 1 and 2 and 5 and 6 the said hole is formed with an internal screw-thread which fits the screw-thread upon the pin in such a manner that the bolster can be screwed upon the pin *z*, so as to securely but detachably connect the blade to the handle.

Instead of providing the pin *z* of the plate *p* and the corresponding hole in the bolster with screw-threads, the said pin *z* and hole can be made square, as illustrated in Figs. 3 and 4. In this arrangement a small set-screw *s* is provided in the bolster *k*, which passes into the pin *z* and prevents the pin leaving the bolster.

My novel arrangement possesses the advantage that by its means blades are detachably connected to handles, but are still securely fixed thereto when in use. It is therefore possible to easily replace broken, worn, or rusty blades by new ones. Furthermore, the hollow handle is permanently closed by the plate *p*, soldered thereto, so that no water can enter the handle and soften the filling substance.

In the manufacture of my novel attachments considerable advantage arises from the fact that the plate *p* and the pin *z* can be easily manufactured in a small number of predetermined pattern sizes, which can be employed for all the different kinds of hollow handles. In this case the pin can be easily made with the necessary degree of accuracy for enabling a blade which has become unsuitable for use to be replaced by a new blade. Furthermore, with this method of attachment each handle provided with a normal plate can have a number of different blades adapted to be fitted thereto.

My novel method of attachment can in many cases be used with advantage for solid han-

dles, particularly when the said handles are made of valuable material—for example, ivory. In this case the plate *p*, which carries the pin *z*, must be secured to the handle in any suitable manner. This can be effected by means of a ring secured to the plate *p* by soldering, for example, the said ring being connected to the handle by pins or in any other suitable manner.

10 It will be obvious that my invention is applicable to other articles than knives and forks, and I use the word “blade” in this specification in a sufficiently general sense to apply to the implement part of any such article.

15 Having now described my invention, what

I claim, and desire to secure by Letters Patent, is—

A new article of manufacture consisting of a blade provided with an opening at its end, 20 in combination with a hollow handle filled with a filling material, and a plate soldered all around the edge of the said opening of the said handle, the said plate having a projection fitting into the opening in the blade, substantially as described. 25

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

LÉONIE VON JARACZEWSKI.

Witnesses:

WOLDEMAR HAUPT,

HENRY HASPER.