

# United States Patent Office.

---

HOWELL W. WRIGHT, OF TAUNTON, MASSACHUSETTS, ASSIGNOR TO REED  
AND BARTON, OF SAME PLACE.

*Letters Patent No. 77,793, dated May 12, 1868.*

---

## IMPROVED ALLOY FOR THE MANUFACTURE OF SPOONS AND FORKS.

---

*The Schedule referred to in these Letters Patent and making part of the same.*

---

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, HOWELL W. WRIGHT, of Taunton, in the county of Bristol, and State of Massachusetts, have invented a new and useful Alloy of Metals to be Used in the Manufacture of Spoons and Forks; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of this invention is to provide such an alloy or composition of metals as will take the place of silver, plated ware, "nickel silver," Britannia, or other metals now commonly used for the above-mentioned purposes.

I have found that an alloy made of one-quarter nickel and three-quarters copper, produces a strong white metal, which can be easily worked and manufactured into spoons and forks.

The alloy so formed has some of the characters of sterling silver. It is quite as strong, or stronger, of nearly the same specific gravity; it does not easily tarnish or corrode, takes a high polish, and does not change in color with common table usage. It differs from German or nickel silver, as it contains no zinc, and has a whiter color.

I desire to secure an alloy containing between one-sixth and one-third of its weight of nickel, with between five-sixths and two-thirds of its weight of copper, for the purposes above specified.

But I prefer to use an alloy composed of copper and nickel, in the proportions of twenty-five to thirty per cent. of the latter, with seventy to seventy-five per cent. of the former. It is run into bars, then rolled out and formed into spoons and forks.

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

The within-described alloy, or composition of metals, or any other substantially the same, all as and for the purposes set forth.

HOWELL W. WRIGHT.

Witnesses:

C. P. HARRIS,

WILLIAM W. SWAN.