

(No Model.)

W. ROGERS.

PROCESS OF MAKING SPOONS AND FORKS.

No. 424,503.

Patented Apr. 1, 1890.

Fig. 1.

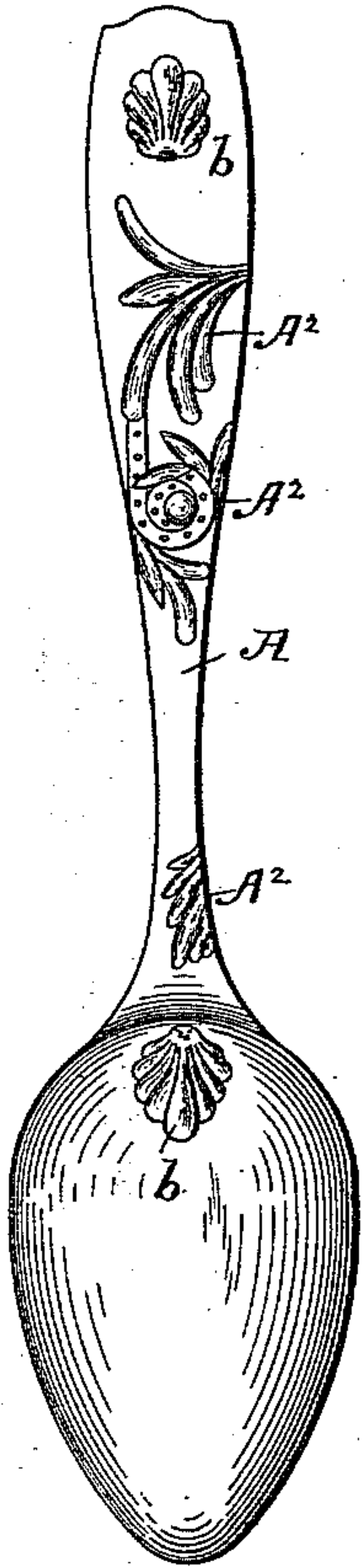


Fig. 2.

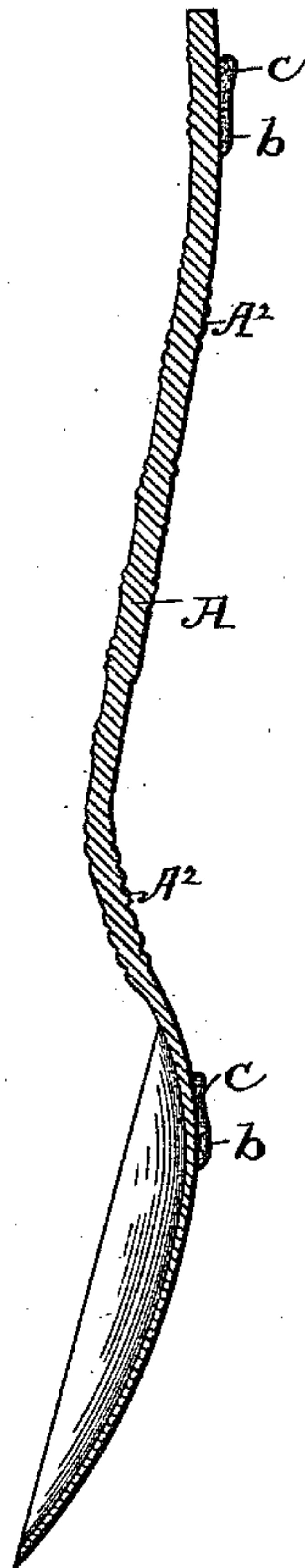
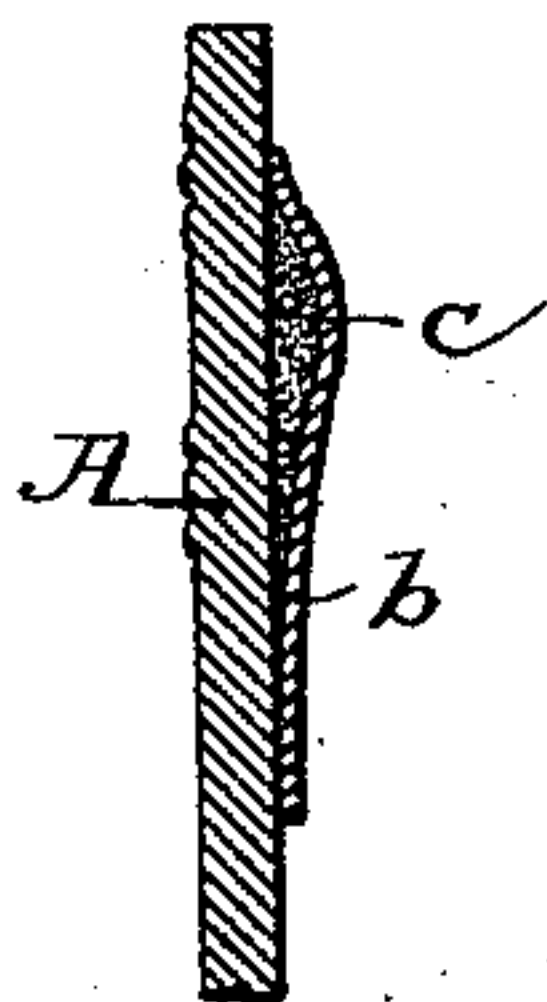


Fig. 3.



Witnesses

Harry L. Amer.
C. B. Schiller.

Inventor

William Rogers

By his Attorney

E. E. Masson

UNITED STATES PATENT OFFICE.

WILLIAM ROGERS, OF HARTFORD, CONNECTICUT.

PROCESS OF MAKING SPOONS AND FORKS.

SPECIFICATION forming part of Letters Patent No. 424,503, dated April 1, 1890.

Application filed December 30, 1889. Serial No. 335,455. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ROGERS, a citizen of the United States, residing at Hartford, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in the Process of Making Spoons and Forks, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to produce a simple process to greatly increase the lasting properties of plated silver-ware, and at the same time ornament its surface with embossed thin sheet-metal silver, presenting a series of convexities on one side and concavities on the opposite side, packing and sustaining said embossed silver, and securing it to said silver-ware. I attain these objects as shown in the accompanying drawings, in which—

Figure 1 is a rear view of a spoon provided at two points with an embossed sheet-metal patch prepared and secured thereto in accordance with my process. Fig. 2 is a vertical section of the same; and Fig. 3 is a longitudinal section, on a larger scale, of the embossed sheet-metal patch secured to a portion of the spoon.

It is well known that plated silver-ware that is much in use, particularly spoons and forks, will rapidly have the silver-plating worn out and be thus defaced at the points upon which they rest on a table or other surface, these points where the greatest amount of friction occurs being at the bend of the bowl (of spoon) and at the bend adjacent to the tip of the handle. To remedy this defect and at the same time improve the appearance of inexpensive metal ware, I cut, bend, and press a blank, for example, of a spoon of suitable size and thickness, as shown at A, either plain or with suitable designs A² thereon, said designs being generally *in intaglio* in the matrix or die of the press to bring them in relief upon the article subjected to pressure. I also cut out of thin

sheet-silver small patches, which I place in a press between suitably embossed or ornamental dies and subject them to pressure, so that when removed from said press the thin silver patches *b* present a series of convexities on one side and concavities on the opposite side; and, as said embossed silver patches are very thin, I prefer to fill their concavities on one side with a soft metal, as solder *c*, and, with said side laid against the under side of the bowl and handle at the points exposed, I secure them, preferably, with silver solder or with soft solder run around its edge, although it may be secured with one or more rivets. The embossed patch can be added to the spoon-blank either before said blank has been plated or after it has been subjected to that operation.

Having now fully described my invention, I claim—

1. The process of making spoons and forks, which consists in stamping the blank, bending, and concaving the same, also stamping and embossing thin sheet-metal silver with a design presenting a series of convexities on one side and concavities on the opposite side, filling said concavities with solder and attaching said embossed sheet metal to the body of the spoon or fork, substantially as and for the purpose described.

2. The process of making spoons, which consists in stamping the blank, bending, concaving, and embossing the same, also stamping and embossing thin patches of sheet-metal silver with a design representing a series of convexities on one side and concavities on the opposite side, and soldering said embossed sheet-silver patch of metal to the body of the spoon, substantially as described.

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

WILLIAM ROGERS.

Witnesses:

LOUIS GUNDLACH, Jr.,
ERNEST A. BRIGHAM.