

G. I. MIX.
Sheet-Metal Spoons.

No. 154,269.

Patented Aug. 18, 1874.

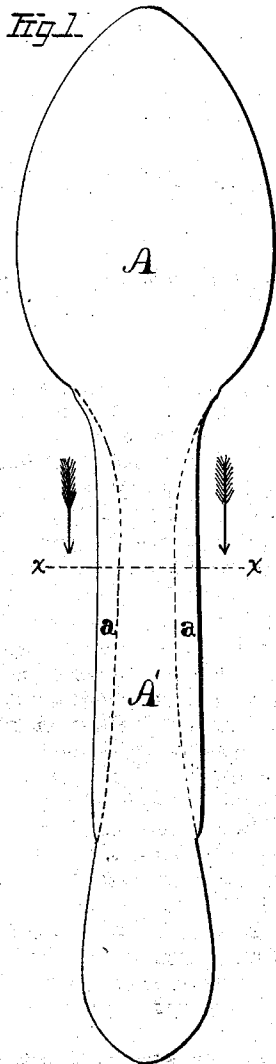


Fig. 4.
A

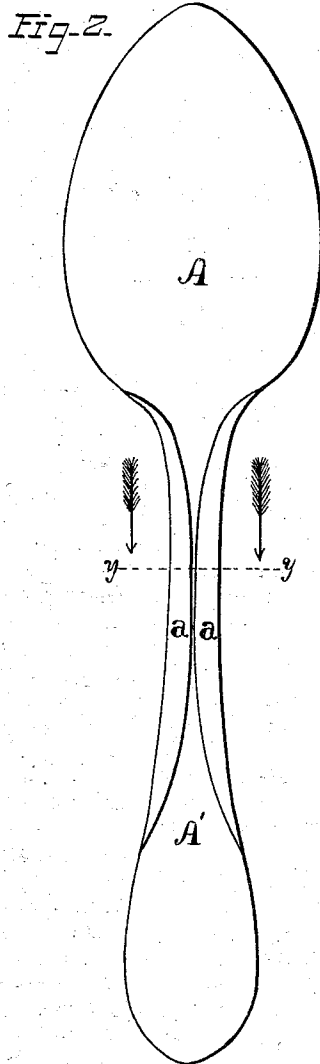


Fig. 5.
A

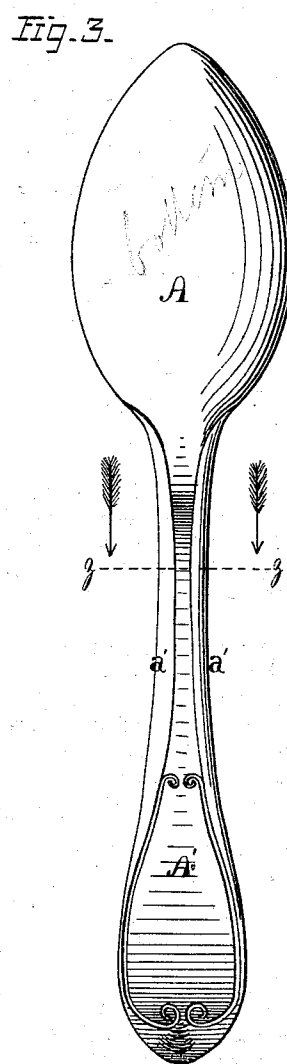


Fig. 6.
A

WITNESSES=

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UNITED STATES PATENT OFFICE.

GARRY I. MIX, OF YALESVILLE, CONNECTICUT.

IMPROVEMENT IN SHEET-METAL SPOONS.

Specification forming part of Letters Patent No. **154,269**, dated August 18, 1874; application filed February 5, 1873.

To all whom it may concern:

Be it known that I, GARRY I. MIX, of Yalesville, New Haven county, State of Connecticut, have invented certain new and useful Improvements in Sheet-Metal Spoons; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view of the blank used for forming my improved spoon. Fig. 2 is a like view of the same after the edges of the handle have been turned inward. Fig. 3 is a plan view of the completed spoon, and Figs. 4, 5, and 6 are, respectively, sections upon lines *x x*, *y y*, and *z z* of Figs. 1, 2, and 3.

Letters of like name and kind refer to like parts in each of the figures.

In the construction of sheet-metal spoons much difficulty has been experienced in securing sufficient strength for the central portion of the handle to enable it to withstand the required strain, and many expedients have been employed for obviating the same, such as doubling the material, adding an extra plate at such point, &c.; but thus far such expedients have not proved successful. My invention has the same object in view; and it consists, as a new article of manufacture, in a sheet-metal spoon having the central portion of its handle strengthened by ribs or beads, formed by the inward-turned edges of said handle, substantially as is hereinafter specified.

In the annexed drawing, Fig. 1 shows my spoon-blank, having the usual form of bowl A and handle A', except that from said bowl to a point near the upper end of said handle

the sides are extended outward beyond the usual size, which latter is indicated by the dotted lines. The blank shown is now subjected to the operation of a stamping-press, for the purpose of turning the extended portions *a* and *a* inward upon the lower face of the handle A', after which said blank is passed through the finishing-dies, and said inwardly-turned edges *a* and *a* pressed into the form of round hollow beads *a'* and *a'*, as seen in Figs. 3 and 6, which latter possess many times the strength of the former, and increase the rigidity of said handle more than would the addition of two flat plates of equal size and thickness. In addition to the increased strength given to the spoon-handle by my construction, the appearance and convenience of the same are enhanced without increase in the cost of material, as the metal contained in the inward-turned edges would otherwise be wasted in cutting the blank.

I am aware that spoons have before been made in which the edges of the plate have been turned inward upon the central portion of the handle, and therefore do not claim such construction.

Having thus fully set forth the nature and merits of my invention, what I claim is—

As a new article of manufacture, a sheet-metal spoon having the central portion of its handle strengthened by round hollow beads, formed by the inward-turned-edges of said handle, substantially as is specified.

G. I. MIX.

Witnesses:

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