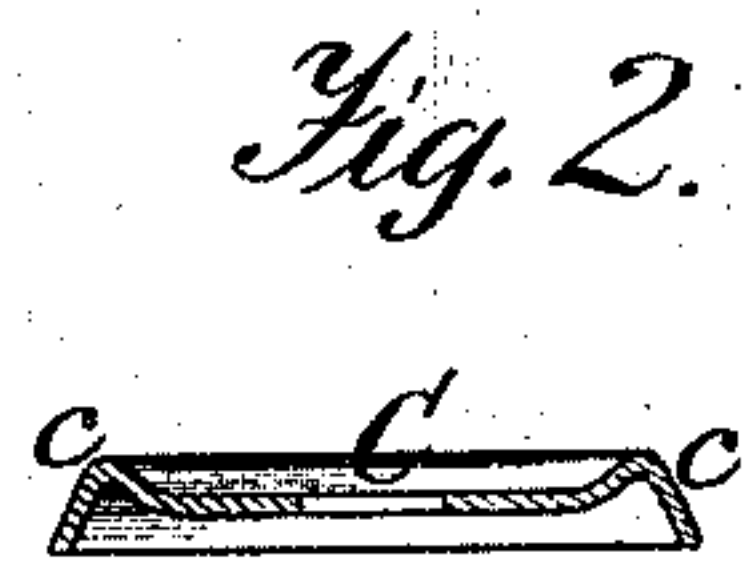
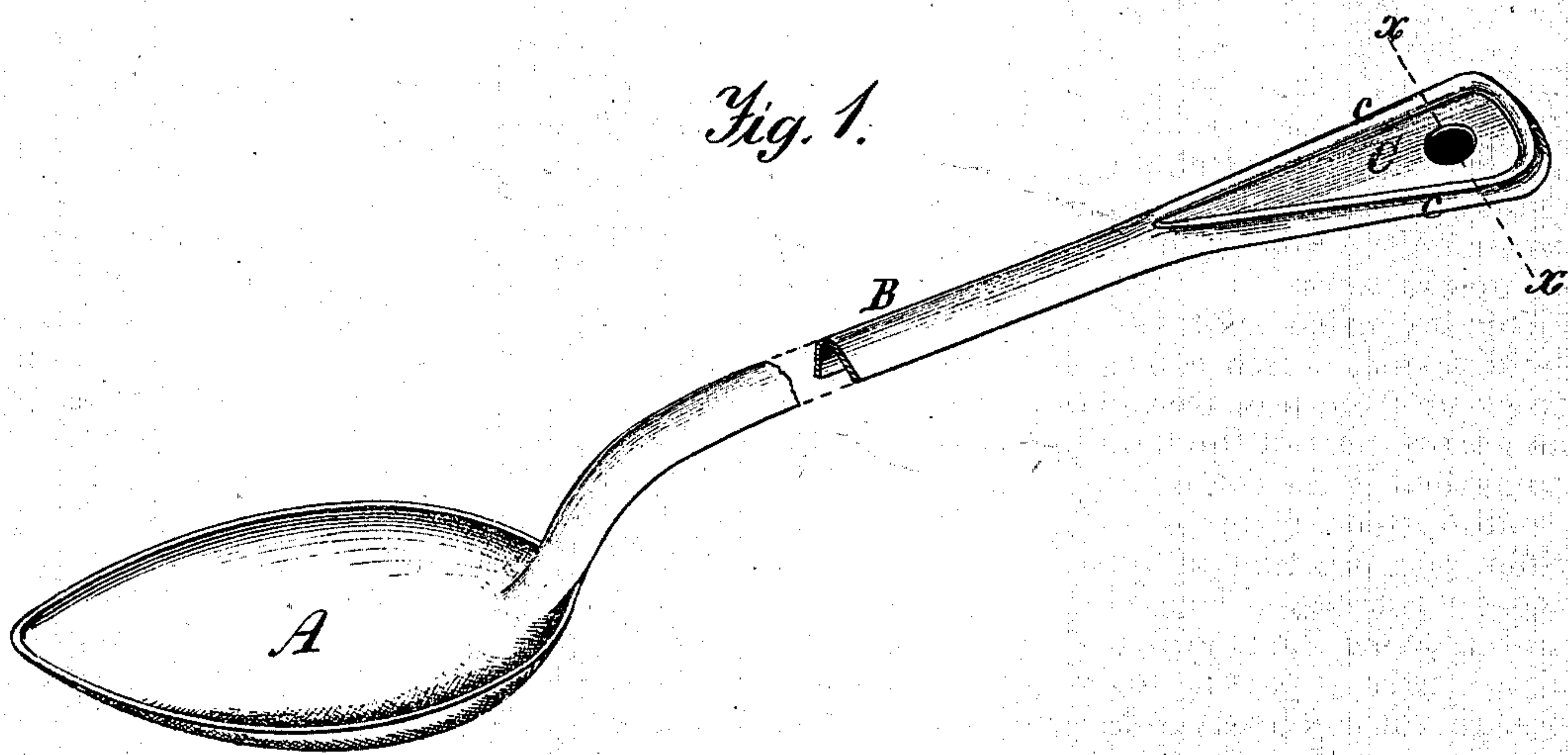


J. HART.  
Spoons.

No. 146,070.

Patented Dec. 30, 1873.



Witnesses.  
A. Ruppert.  
B. E. J. Gils

James Hart  
Inventor.  
D. P. Holloway & Co  
Attys



# UNITED STATES PATENT OFFICE.

JAMES HART, OF PHILADELPHIA, PA., ASSIGNOR TO SAMUEL H. JENKINS,  
NATHANIEL B. BROWN, AND JOHN C. BELDEN, OF SAME PLACE.

## IMPROVEMENT IN SPOONS.

Specification forming part of Letters Patent No. **146,070**, dated December 30, 1873; application filed July 21, 1873.

*To all whom it may concern:*

Be it known that I, JAMES HART, of Philadelphia, county of Philadelphia and State of Pennsylvania, have invented a certain Improvement in Spoons, of which the following is a specification:

This invention relates to that class of sheet-metal spoons which consist of a single piece struck up from prepared blanks, and in which the narrow part of the handle is corrugated to strengthen it, the corrugation of the handle descending some little distance into the bowl to stiffen the junction of the two. The spoon, whose construction I have improved, is of that kind in which the handle is corrugated by giving its narrow part a single curve from edge to edge, the convexity of the curve or corrugation forming the upper surface of this part of the handle. My improvement consists in curving the flat part of the handle, at the edges, into a surrounding bead, the converging ends of which merge into the corrugated narrow part of handle, which is spread correspondingly at the junction with the flat part to complete the symmetry of the contour.

I am aware that spoons have heretofore been made having a bead formed along the edges of the flat part of the handle to stiffen this part; but never before my invention have the edges themselves been curved to form such bead, which greatly facilitates the construction or pressing of the handle, because there are less angles or curves in this formation than in any other yet embodied in spoons of this kind, and consequently there is less danger of breaking the fiber of the metal in the act of pressing.

Figure 1 is a perspective view of my improved spoon. Fig. 2 is a transverse section in the plane of broken line *x x*, Fig. 1.

The same letters of reference are employed in both figures to indicate identical parts.

The narrow part B of the handle is of corrugated form, having been curved from edge to edge, as clearly illustrated in the sectional portion of Fig. 1, and descends a little distance into the bowl A, as usual. The edges of the flat part C are curved, forming a bead, *c*, the ends of which converge and merge into the part B. The downwardly-projecting edges of the bead *c* thus form continuations of the downwardly-projecting edges of the part B, and, together, they give the handle a solid appearance.

What I claim as my invention, and desire to secure by Letters Patent, is—

A sheet-metal spoon, the handle of which is arched transversely at B and flattened at C, the latter part being bounded by a bead, *c*, the downwardly-projecting outer edge of which forms a continuation, and unites the edges of part B, into which it also merges with its converging ends, all substantially as and for the purposes specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES HART.

Witnesses:

NELSON KERR,  
JOHN DALY.