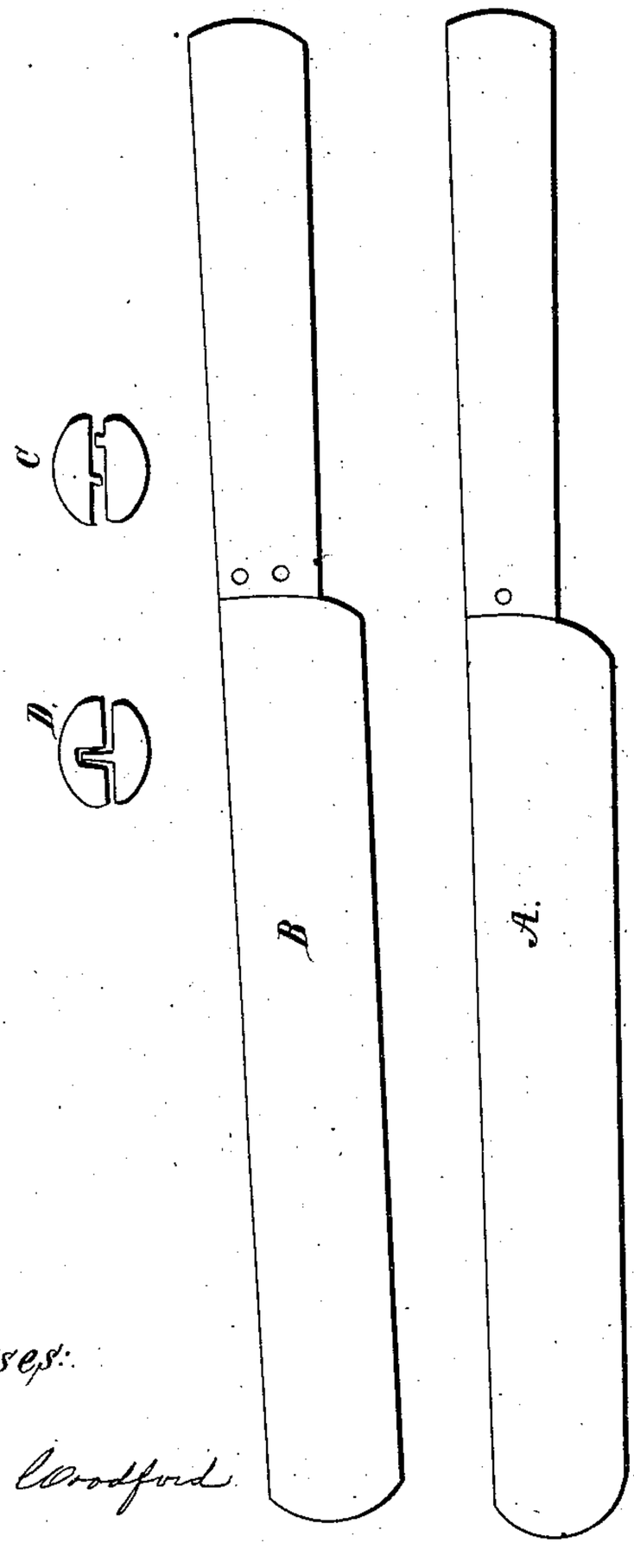
L. Rice,

Making Knives and Forks.

No. 44,056. Patented Aug. 30, 1864.



Witnesses:

Annie C. Woodford

Annie Dwyer

Inventor:

Lorenzo Rice

UNITED STATES PATENT OFFICE.

LORENZO RICE, OF WEST WINSTED, CONNECTICUT.

IMPROVEMENT IN THE MANUFACTURE OF TABLE-CUTLERY.

Specification forming part of Letters Patent No. **44,056,** dated August 30, 1864.

To all whom it may concern:

Be it known that I, LORENZO RICE, of West Winsted, Litchfield county, and State of Connecticut, have invented a new and Improved Mode of Making Table-Cutlery; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in attaching the bolsters to a table knife or fork, (the bolster being of any kind of metal,) temporarily, so that the bolster can be heated with the blade or fork, and by a drop-die or other percussive pressure welded to the blade or to the fork, thus allowing the blade of the knife or the fork to be cut from thin plates.

To enable others skilled in the art to make and use my invention, I will proceed to describe the mode of attaching the bolsters to the knife or fork.

The bolsters are formed with a pin or nipple on the inner side, or the side to be attached to the heel of the blade or fork, with a corresponding hole or slot in the blade or fork to receive it; or the pin or nipple may be attached to only one half of the bolster, and long enough to reach through a slot in the blade or fork and enter a slot in the other half of the bolster. These two half-bolsters when welded to the heel of the knife or fork form one complete bolster. The hole or slot to receive the pin or nipple in the corresponding half-bolster must be of a shape and size that will firmly hold the pin or nipple when forced into it, preparatory to the process of welding, by a drop die or other percussive pressure.

In the accompanying drawings, A represents a knife-blade with one slot for receiving the pin attached to one half part of bolster D. The pin in this bolster is put through the slot in blade A into the hole in the corresponding half of bolster D, forced together ready for the welding process.

B represents a knife-blade with two holes or slots to receive the pins attached to bolster C, which are forced into the heel of the blade, one on each side, ready for welding.

C is a bolster in two half parts, with a pin or nipple attached to each half part. These pins are driven into the holes or slots in the heel of blade B, one on each side, holding the bolster to its place, ready for welding.

D is a bolster in two half parts, with a pin or nipple attached to one half part and a slot to receive it in the other half part. The pin in one half of bolster D is slipped through the slot in blade A and forced into the slot in its corresponding half, holding each half of the bolster firmly to the heel of the blade or fork, ready for welding.

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

The mode or method of attaching the bolster to the knife or fork for the purposes herein set forth, with a pin, nipple, or spur on one or both half parts of the bolster, and as herein set forth, holding them firmly during the process of heating and welding the bolsters to the blade or fork, as herein set forth, or any other mode substantially the same or by which the same results can be produced.

LORENZO RICE.

Witnesses:

ANNIE C. WOODFORD,
E. S. WOODFORD.