

United States Patent Office.

HARRY BARRETT, OF BROOKLYN, NEW YORK.

Letters Patent No. 108,092, dated October 11, 1870.

IMPROVEMENT IN BUFFING APPARATUS FOR FINISHING SPOONS.

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, HARRY BARRETT, of Brooklyn, in the county of Kings and State of New York, have invented a new and improved Buffing Device; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to an improved buffing device for finishing spoons, and consists in the application to the large buffing-wheels now commonly used, and arranged for attachment to the spindle of a lathe, of a short spindle, on which is mounted, a little distance from the side of the said large wheel, a small buffing-wheel, adapted for polishing the inner surface of the bowl of the spoon, the said wheel being detachably connected to the spindle, so that others of different sizes may be attached.

The drawing represents a sectional elevation of my improved buffing device, and a part of the lathe, showing the manner of support and operating it, the latter being shown in dotted lines.

A is the large buffing or polishing-wheel commonly used. It is provided with a metallic screw-threaded cone, arranged for the attachment to a lathe-spindle or mandrel by screwing thereon.

These large wheels will not work in the concave sides of the bowls, owing to their size; consequently it has been the practice, up to the present time, to finish them by hand.

I, therefore, propose to attach a short spindle, B, to the cone of the wheel A, by screwing into the axial screw-threaded hole thereof, or by other means of attachment, and mount on the said spindle, a suitable distance from the said wheel A, a small buffing-wheel, C, which will work in the concavity of the spoon, and polish the surface thereof equally as well, and nearly as rapidly, as the other parts are done by the large wheel.

It is necessary to make the wheel A, for polishing the plane parts, large, to have the necessary degree of endurance; otherwise one small wheel might answer for the concavities and the plane parts also. I have therefor provided on the one attachment for the teeth, and the two wheels A C, suited, in every respect, for polishing the spoon in all parts.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A buffing or polishing attachment for lathes, consisting of the large buffing-wheel A, the spindle B, and the small wheel C, all constructed and arranged substantially as specified.

The above specification of my invention signed by me this 1st day of March, 1870.

HARRY BARRETT.

Witnesses:

GEO. W. MABEE,
ALEX. F. ROBERTS.

A. L. BAUSMAN.

Potato Digger.

No. 108,093.

Patented Oct. 11, 1870.

Fig. 1.

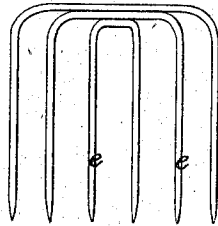


Fig. 2.

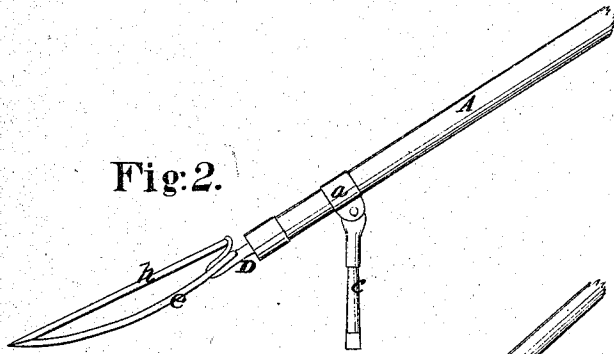
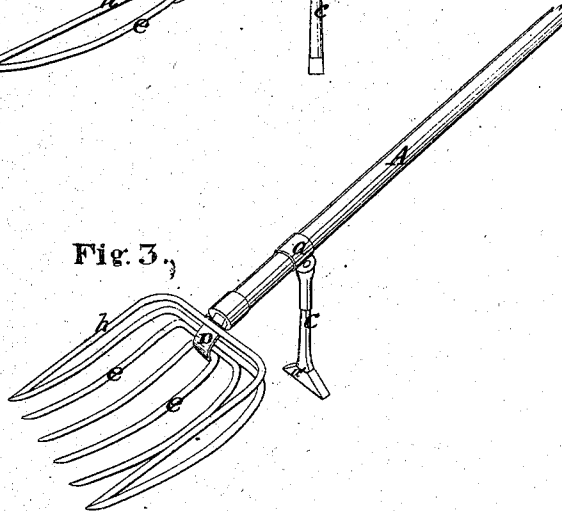


Fig. 3.



Witnesses.

Villette Anderson.

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