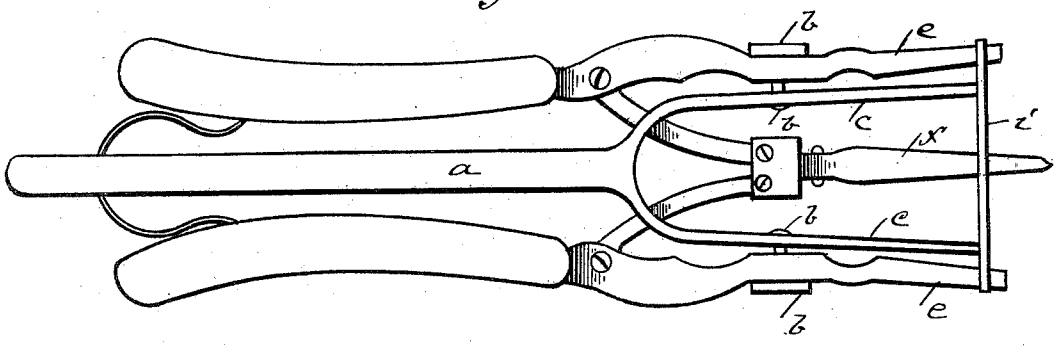
(No Model.)

S. C. STANCLIFFE.

APPARATUS FOR FINISHING THE NECKS OF BOTTLES, &c.

No. 457,035. Patented Aug. 4, 1891.

Fig. 1.



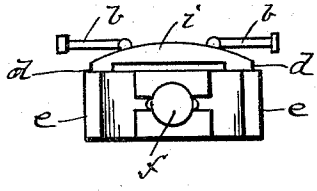
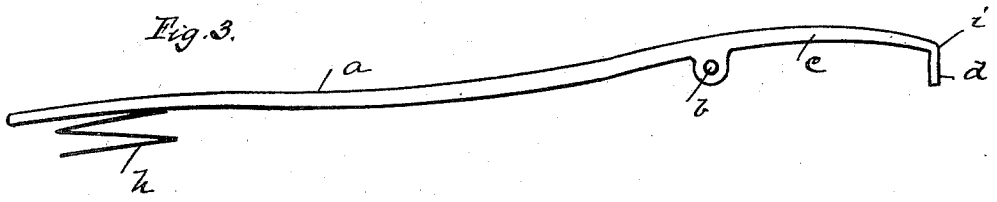


Fig. 2.

Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SAMUEL C. STANCLIFFE, OF WASHINGTON, PENNSYLVANIA.

APPARATUS FOR FINISHING THE NECKS OF BOTTLES, &c.

SPECIFICATION forming part of Letters Patent No. 457,035, dated August 4, 1891.

Application filed January 20, 1891. Serial No. 378,495. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL C. STANCLIFFE, a citizen of the United States, residing at Washington, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Apparatus for Finishing the Necks of Bottles, Jars, &c., Uniformly; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improved attachment or clamp for bottle-neck-finishing tools; and it consists in certain details of construction, as will be fully set forth hereinafter.

In the accompanying drawings, Figure 1 is a plan view of a tool having my attachment secured in position thereon. Fig. 2 is an end view of the same with bearings removed. Fig. 3 is a side elevation of the forked bar.

To provide the ordinary bottle-neck-finishing tool with my attachment, I provide a forked bar *a* and pivot the same in bearings *b*. This bar is formed with a forked end *c*, having downwardly-projecting portions *d*, adapted to engage with the dies *e* of the tool and lock the same in a position that will leave the guide-bar *f* of the tool centrally between the said dies *e*. A spring *h* beneath the rear of the bar *a* tends to keep the catches *d* in close contact with the top of the dies. These catches *d* are formed on the under side of a transverse piece *i* across the tangs and integral therewith.

In operation the tool is balanced in the open hand and the guide *f* entered into the mouth of the bottle. The handles of the tool are pressed together, which clamp the dies *e* about the neck. When these dies *e* move together, the catches *d* drop over the same and hold the dies rigid and centrally with respect to the guide *f*.

Having thus described my invention, I claim—

1. The herein-described device or attachment for bottle-neck-finishing tools, consisting of a bar *a*, forked at its forward end and actuated by a spring operating beneath the rear, suitable downward projections *d*, formed on the under sides of the tangs of the fork for engaging with the forward extension or dies of the tool, and the said attachment suitably pivoted to the tool, substantially as set forth.

2. In an attachment for bottle-neck-finishing tools, the combination, with a tool, of a pivoted forked bar, the transverse bar secured on said forked ends and having the lugs adapted to engage with the dies of said tool, and a spring for holding said bar and the lugs in position, substantially as described.

In testimony that I claim the foregoing I hereunto affix my signature this 3d day of November, A. D. 1890.

SAMUEL C. STANCLIFFE. [L. S.]

In presence of—
FRANK W. SMITH,
M. E. HARRISON.