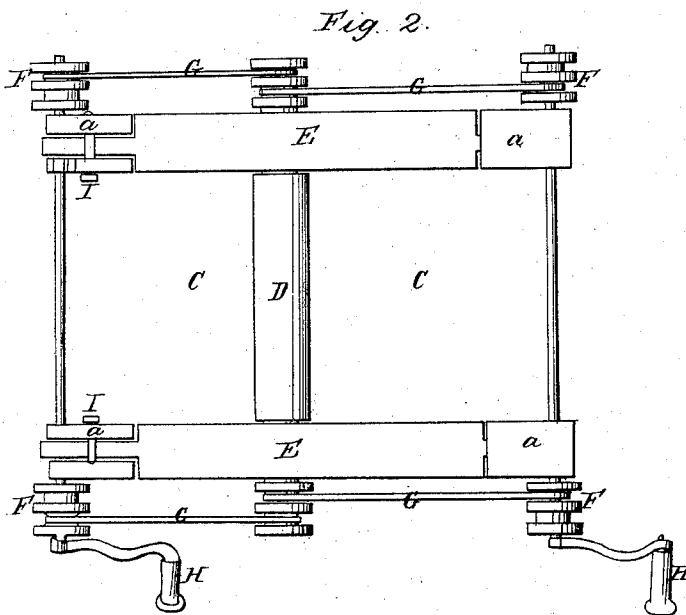
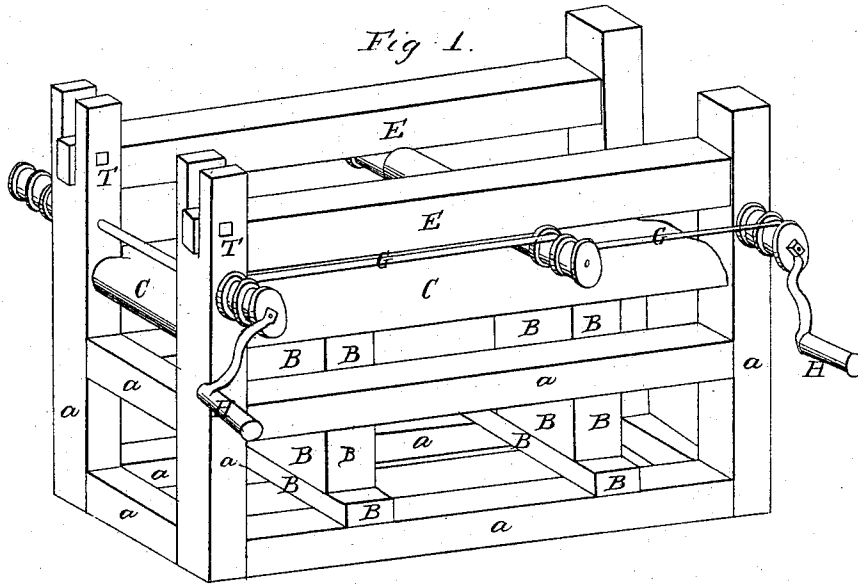


H. RODD.
LINEN SMOOTHER.

No 32,001.

Patented Apr. 9, 1861.



Witnesses;
C. P. Pancost M. D.
H. A. Rodd.

Inventor;
H. Rodd.

UNITED STATES PATENT OFFICE.

HORATIO RODD, OF CHESTNUT HILL, PHILADELPHIA, PENNSYLVANIA.

LINEN-SMOOTHER.

Specification of Letters Patent No. 32,001, dated April 9, 1861.

To all whom it may concern:

Be it known that I, HORATIO RODD, of Chestnut Hill, in the county of Philadelphia, in the State of Pennsylvania, have invented a new and Improved Mode of Smoothing and Glazing Linen After Being Washed; and I 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.

Figure 1, *a. a. a. a.* the frame, or stand. B. B. cross-bars holding the springs. C. C. the bed or table. D. the roller. E. E. two bars that serve as guide-rods to the roller and give it the resisting power to the springs, each bar fixing into the mortise holes, on two of the posts, they press upon the roller as levers and fix in two sockets at the other end by pins. F. F. drums, fixed on axles; each drum being like the end of the roller; on these drums the bands are firmly fixed and serve to propel the roller. G. G. the bands. H. H. the handles. I. I. the pins.

Fig. 2, the top of the table seen geometrically, with letters of reference, same as in Fig. 1.

To enable others skilled in the art, to make and use my invention, I will proceed to describe its construction and operation.

I construct my linen smoother on an oblong square stand or frame, of four posts and eight rails, with cross-bars, a bed or table, springs, axles, drums, a roller, handles and pins. The springs are inserted in holes

on the cross-bars, and fit to corresponding holes in the cross-bars at the bottom of the bed which keeps them in their places, leaving sufficient space for the springs to work up and down. The bed has the corners cut out to fit inside the posts so as to rise up and down freely without working out of its own space, and is laid upon the springs, then the roller is placed across it, and the bars fixed into the mortise holes in the two posts at the right hand end, and lodged in the first groove of the roller then pressing each bar as a lever it fixes into the sockets at the left end and is fastened by pins.

The roller has a piece of linen fastened once around it and the articles requiring smoothing laid upon it, by these means the handles being turned, the roller works up and down. At each end it has an axle with two drums exactly corresponding in size with the ends of the roller, and parallel to it, projecting exactly the same distance from the bed, to these drums bands are fastened, also to the corresponding grooves in the roller. The handles are then put on, and the machine is in working order.

What I claim as my invention is—

The combination and arrangement of the frame *a, a, a, a*, cross bars with springs B. B. the bed C. C. the roller D. the bars E. E. the drums F. F. and the bands G. G. substantially as and for the purpose specified.

HO RODD.

Witnesses:

WILLIAM TRACY,
DAVID W. PRICE.