

A. W. THORNTON.

Dish-Washers.

No. 133,811.

Patented Dec. 10, 1872.

Fig. 1.

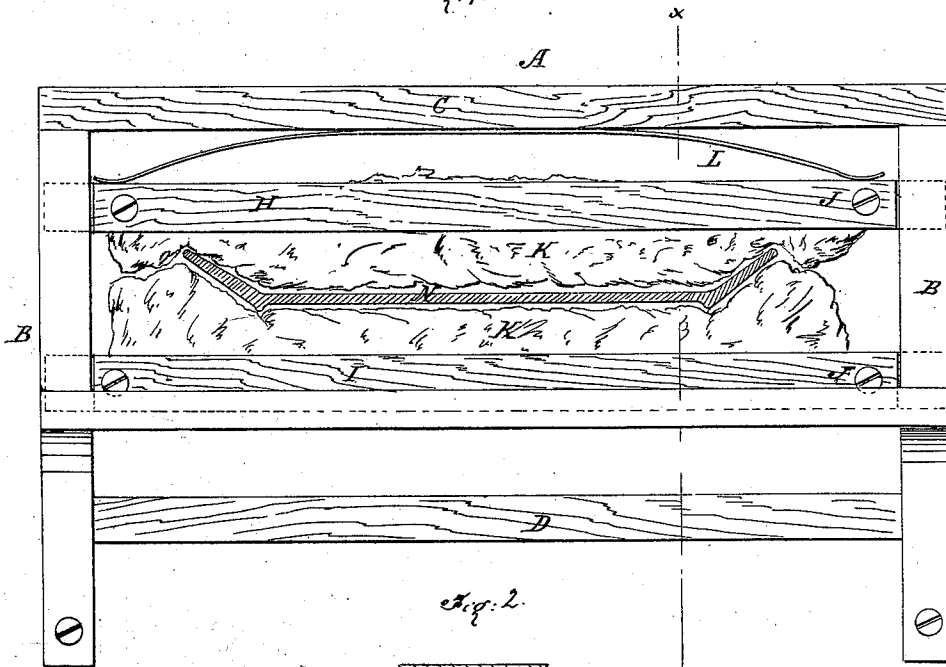
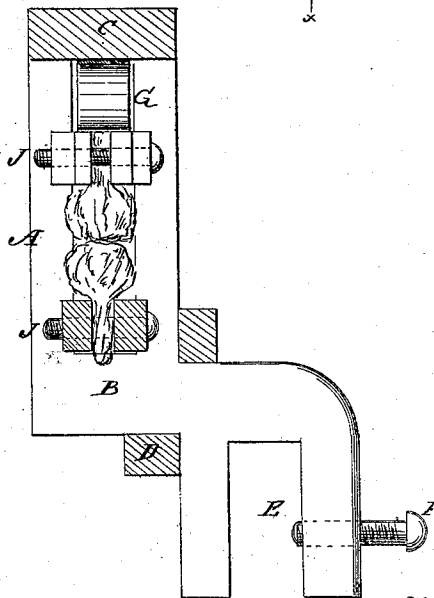


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

AUGUSTUS W. THORNTON, OF MENDOCINO, CALIFORNIA.

IMPROVEMENT IN DISH-WASHERS.

Specification forming part of Letters Patent No. 133,811, dated December 10, 1872.

To all whom it may concern:

Be it known that I, AUGUSTUS W. THORNTON, of Mendocino, in the county of Mendocino and State of California, have invented a new and useful Improvement in Dish-Washer, of which the following is a specification:

The object of this invention is to furnish an apparatus for washing dishes—as plates, spoons, knives, and forks, &c.; and it consists in the construction, arrangement, and combination of parts hereinafter described.

In the accompanying drawing, Figure 1 represents a front view. Fig. 2 is a vertical section of Fig. 1 taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is a frame, consisting of two slotted upright heads B B, with a cap-piece, C, and cross-piece D, by which the heads are connected and held one foot (more or less) from each other. This frame is attached to the side of a sink, tub, or other vessel by means of the slots E and screws F, or in any other suitable manner. G represents long slots in the heads, which confine the sponge bars H and I. These bars are each made of two pieces attached together by screws or bolts J, between which sponge K or its equivalent is confined, as seen in the drawing. These bars are shouldered at the ends, the lower one resting on the bottom of the slots G, while the upper one is allowed to play up and down in the slots. L is a spring which bears against the cap-piece C and on the upper bar, as seen in Fig. 1, and

forces this bar down with a constant pressure. One or more spiral springs may be used instead of a bow-spring. The sponge or other substance must be of such a shape that it will project from the bars sufficiently to reach and bear upon the inside bottom of the dish and inclose the dish, as shown, where N represents the dish.

In using the apparatus after it is attached to the sink or vessel, the dishes to be washed are placed in such sink or vessel, and boiling water is poured thereon, and they are then pushed through between the two washers. The grease, being softened or dissolved by the hot-water or suds, will be wiped off clean. The dishes are then rinsed in hot water, and then drained and dried automatically by means of the heat absorbed from the boiling water.

This is a labor-saving machine, a veritable "woman-helper," and renders the irksome and objectionable operation of washing dishes a mere pastime.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An apparatus for washing dishes, composed of the frame A, bars H and I, sponge or other material K, and spring L, arranged substantially as shown and described.

AUGUSTUS WILLOUGHBY THORNTON.

Witnesses:

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