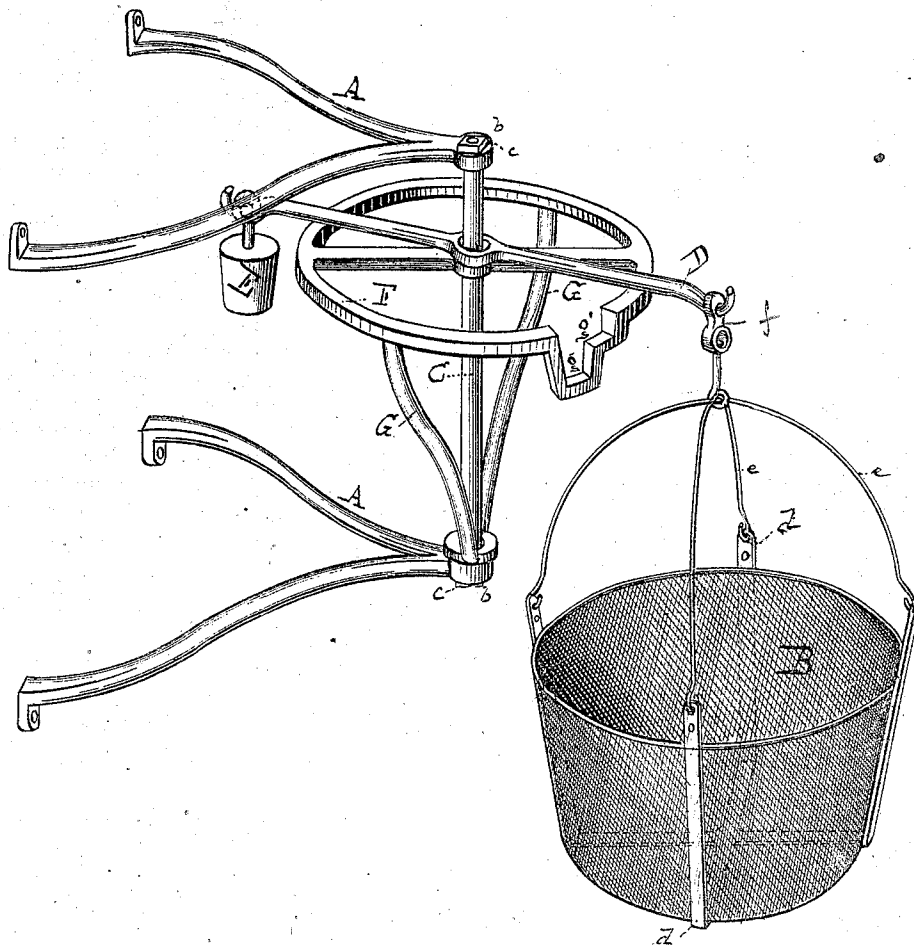


MARY E. LEWIS.

Improvement in Dish-Washers.

No. 120,886.

Patented Nov. 14, 1871.



Witnesses.

John C. Cox
Peter F. Schlieker

Inventor.

Mary E. Lewis,
by her attys.

Cox and Cox

UNITED STATES PATENT OFFICE.

MARY E. LEWIS, OF MANSFIELD, OHIO.

IMPROVEMENT IN DISH-WASHERS.

Specification forming part of Letters Patent No. 120,886, dated November 14, 1871.

To all whom it may concern:

Be it known that I, MARY E. LEWIS, of Mansfield, in the county of Richland and State of Ohio, have invented a new and useful Improvement in Dish-Washers, of which the following is a specification:

The invention relates to a means of washing dishes by placing them in a basket hung so that it may be readily submerged in a vessel of water placed to receive it, and elevated after the washing has been effected. Its object is to provide a convenient means for washing dishes, particularly where a large number are required to be washed without loss of time.

Figure 1 is a view of the invention, showing all its essential parts.

A A are braces constructed in any convenient shape, and so arranged that they may be fastened securely in a horizontal position to the wall or any perpendicular surface. C is a post or standard, of sufficient height to accommodate the parts hereinafter mentioned. That passing through the ends *b b* of the braces A A is held in the position shown by the burs *c c*, or otherwise. B is an ordinary wire basket, the sides of which may be sustained by metallic supports *d d*, to which the hoops or handles *e e* may be attached, said hoops or handles being so constructed that they come together, as shown, so as to permit the basket to be hung securely upon a swivel, *f*, that swings upon a hook or loop on one end of a tilting-beam, D. The tilting-beam D is a bar, in the center of which a hole is cut through which the standard C passes, and upon which the tilting-beam revolves freely. At either end of said tilting-beam D is a hook or loop, in one of which is hung, as aforesaid, the swivel *f*, supporting the basket B, and in the other a weight, E, which is of suitable specific gravity to facilitate the raising and lowering of the basket when filled, as hereinafter mentioned. The hole in the center of the tilting-beam D is made in such a shape as to permit the raising

and lowering of the ends of the tilting-beam when desired, and immediately below it is placed a ring, F, which supports it in its proper position. At the under side of the ring F are arms G G, which are constructed so as to form a loop at the bottom, in which a hole is cut through which the standard C passes, the ring F being also constructed to turn upon the standard C, and being rigidly attached to the arms G G so that the arms and ring revolve as one piece upon the standard C, the loop at the ends of the arms bearing upon the lower of the brackets A. On one side of the ring F a slot is cut with steps *g g'* so arranged as to allow the basket B to be lowered, as may be desired.

The mode of operating the device is as follows: Place a tub or other suitable vessel filled with water on one side of the machine immediately under the basket B in which the dishes have been placed. Lower the basket into the water and revolve the same at pleasure. The washing being completed, the basket is raised, the weight E facilitating its movement, and the tilting-beam D is turned so as to support the dishes in the basket in a convenient position, when they may be wiped at pleasure. Two tubs or vessels may be used with convenience, one being placed at either side of the device, and two baskets may be used if desired.

I claim—

The combination of the wire basket B, tilting-beam D, ring F, weight E, and standard C, in the manner and for the purposes substantially as shown and described.

In testimony that I claim the foregoing improvement in dish-washers as above described I have hereunto set my hand and seal this 22d day of September, 1871.

MARY E. LEWIS. [L. s.]

Witnesses:

JNO. C. BURNS,
T. E. BARROW.

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