

(No Model.)

W. K. CROFFORD.

LEMON SQUEEZER.

No. 377,291.

Patented Jan. 31, 1888.

Fig. 2.

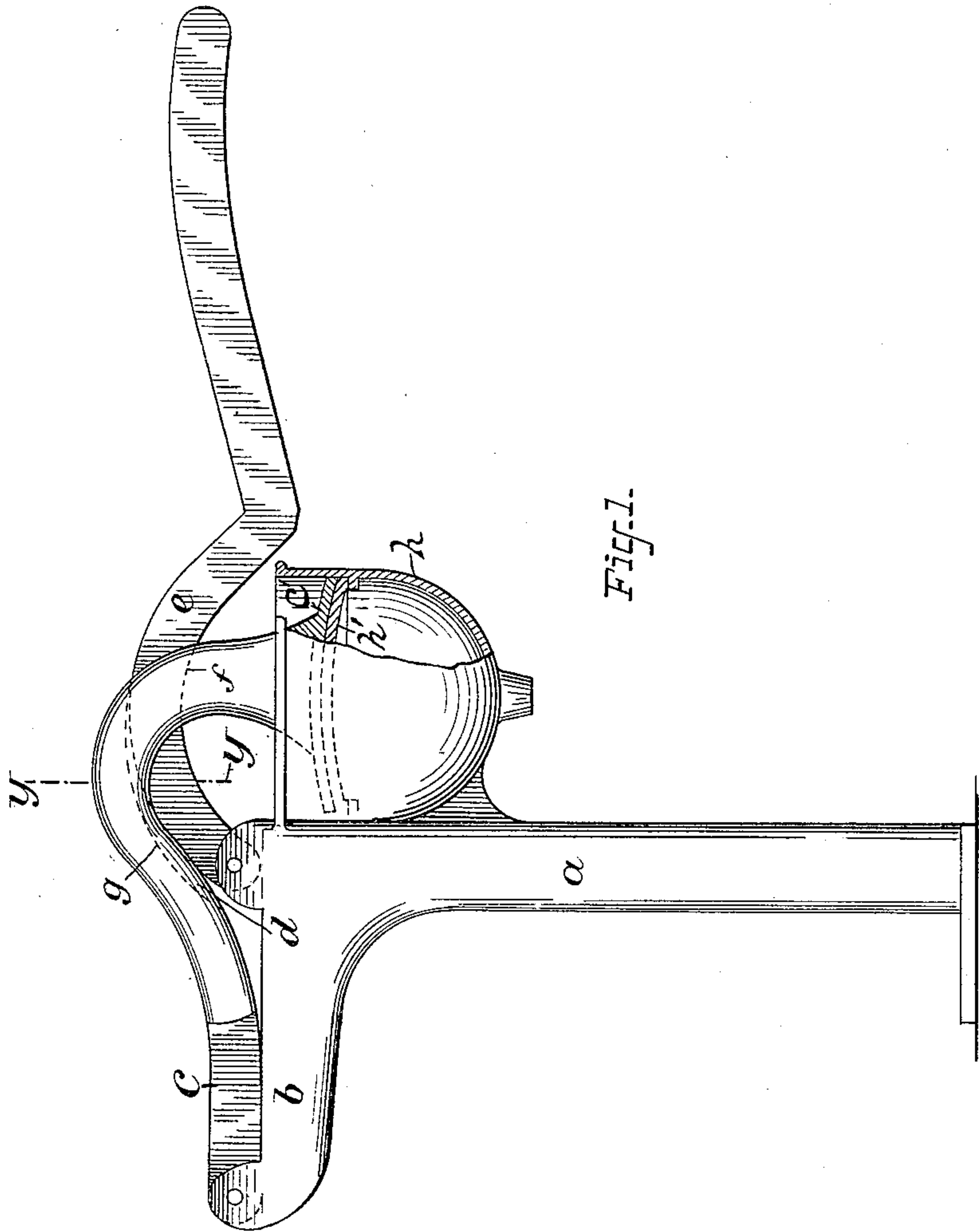
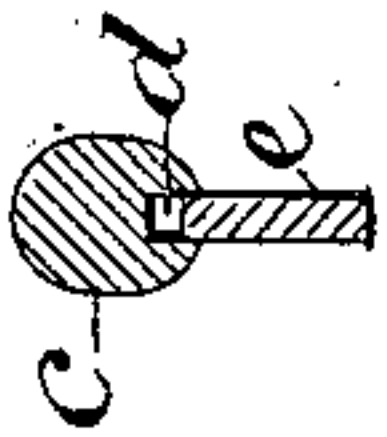


Fig. 1.

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# UNITED STATES PATENT OFFICE.

WARREN K. CROFFORD, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO  
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## LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 377,291, dated January 31, 1888.

Application filed April 9, 1887. Serial No. 234,219. (No model.)

*To all whom it may concern:*

Be it known that I, WARREN K. CROFFORD, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Lemon-Squeezers, of which the following is a specification.

My invention relates to improvements in lemon-squeezers, of which a full and clear description will be given hereinafter.

The devices heretofore used for extracting the juice from lemons by pressure were deficient in their parts, so much so as to make them objectionable and inefficient at times to perform the function necessarily required of them. The first objection is that of the retracting spring placed beneath the lever carrying the presser, the latter of which is pressed downwardly upon the lemon by means of a cam actuated by the hand-lever. In this instance no connection is made between the lever carrying the presser and that of the cam except the frictional contact between the two, so that the upward movement of the lever carrying the presser depends upon the spring placed thereunder. This construction is objectionable, from the fact that when the lemon is pressed down into the contractor it will not only form a suction, but will wedge itself between the walls of said contractor and that of the presser, and thus form a lock, whereby the presser-lever is prevented from rising when the cam of the hand-lever is removed therefrom. These objections are obviated by my invention, fully described hereinafter.

My invention consists of a presser-lever having one end fulcrumed to an extension of the standard, the other end carrying a suitable presser. The forward end of this presser-lever is provided with a perforation or elongated slot made on the vertical plane with said presser-lever. This slot or perforation is adapted to receive a hand-lever, one end of which is fulcrumed to the upper part of the standard near the contractor, thus subjecting the movement of the presser-lever to that of the hand-lever, whether it be an upward or downward movement.

I do not wish to confine myself to any exact shape of levers, as I may use various shapes without departing from the spirit of my invention.

In the drawings, Figure 1 is a side elevation of the device, the levers being at rest in a downward position; and Fig. 2, a cross-section taken on line *yy*, Fig. 1.

Similar letters refer to similar parts throughout the specification, in which—

*a* is the standard provided with the extension *b*, having fulcrumed thereon the presser-lever *c*, provided with the perforation or elongated slot *d*, adapted to receive the hand-lever *e*. The extreme end of the presser-lever *c* is provided with the presser *c'*, adapted to press lemons upon the perforated bed *h'* of the cup *h*.

It will be observed that when the hand-lever *e* is pressed downward the lower edge will abut against the shoulder *f* and when raised will move against the abutting surface *g*. The slot is of course made to accommodate the sweep that may be given by the hand-lever.

I am aware that lemon-squeezers have heretofore been made with two cups, one inverted and having a convexed bottom fixed to a handle with a slot through it for a lever, which connects with the under concave cup and has for its fulcrum the handle of the first cup. My invention differs from this, as I have both levers connected with one and the same base, thus giving a greater purchase, which is evident to any one skilled in the art to which my invention relates.

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

In a lemon-squeezer, the combination of the standard *a*, provided with the extension *b*, and the cup *h*, provided with the perforated bed *h'*, the presser-lever *c*, having the presser *c'* at its free end and provided with the elongated slot *d*, fulcrumed to said extension, and the hand-lever *e*, fulcrumed to the standard and passing through the slot in the presser-lever, substantially as described.

Signed at New York, in the county of New York and State of New York, this 6th day of April, A. D. 1887.

WARREN K. CROFFORD.

Witnesses:

JOHN A. O'BRIEN,  
JOHN HAHNENFELD.