

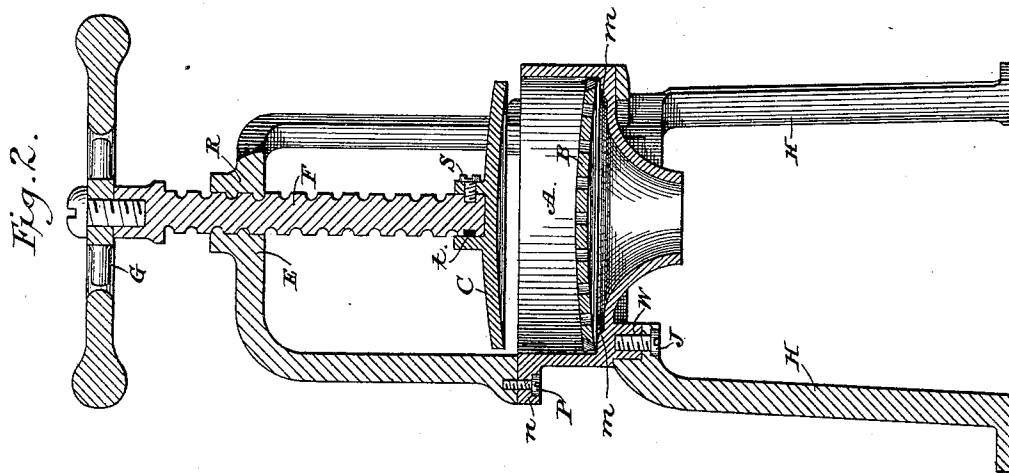
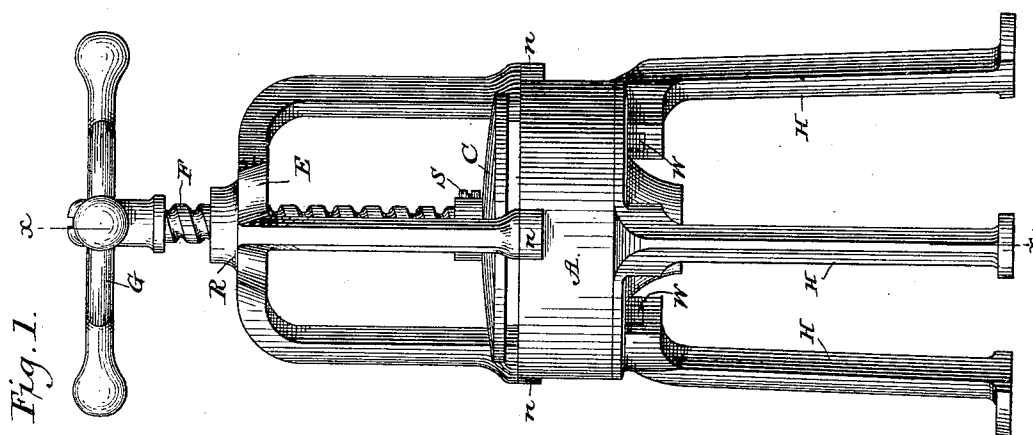
(No Model.)

R. ONDERDONK.

LEMON SQUEEZER.

No. 354,022.

Patented Dec. 7, 1886.



Attest:

A. H. Jesberger.
Ch. W. Leonard

Inventor:

Robert Onderdonk
By David A. Burr
Atty.

UNITED STATES PATENT OFFICE.

ROBERT ONDERDONK, OF NEW YORK, N. Y.

LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 354,022, dated December 7, 1886.

Application filed May 19, 1886. Serial No. 202,618. (No model.)

To all whom it may concern:

Be it known that I, ROBERT ONDERDONK, of New York city, county, and State of New York, have invented a new and useful Improvement in Lemon-Squeezers; and I do 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, making a part of this specification, in which—

Figure 1 is an elevation of my improved lemon-squeezer, and Fig. 2 a central vertical section thereof in line *xx* of Fig. 1.

My invention relates to that class of lemon-squeezers constructed with a detachable bed supported within a funnel-shaped concentrator, by which the juice expressed from a lemon placed upon the bed, by a presser susceptible of movement to and from it, is collected and conducted to a vessel placed below it. The squeezers of this class have been constructed with a single standard at one side thereof, which requires to be made fast to a firm base, and they are comparatively costly in construction and liable to break.

The object of my invention is to provide a squeezer which shall be self-supporting upon any bed-plate or table without being necessarily made fast thereto, and which may be constructed at less cost and yet be equally as efficient as those heretofore made; and my invention consists in the improved lemon-squeezer constructed, as hereinafter described, of a cylindrical concentrator provided with a detachable presser-bed, a detachable overarched tripod made fast to the concentrator, a central direct-acting presser-screw working through a central nut in the tripod, a presser swiveled to the screw and carried thereby to and from the presser-bed, and three detachable legs made fast to the rim of the concentrator by means of lugs, recesses, and bolts, to afford a firm support therefor.

In the accompanying drawings, A represents the cylindrical concentrator, made with a conical or funnel-shaped bottom, and a central delivery-hole for the juice.

B is a detachable circular bed, preferably made concavo-convex in form, and which is either perforated with numerous holes or pro-

vided with radial gutters or grooves upon its upper surface to allow the juice of the lemon squeezed thereon to escape freely into the concentrator and thence to the glass or other vessel placed under its mouth. The bed is made to fit loosely in the concentrator, and to rest upon an annular offset or shoulder, *m*, therein, so as to allow full free passage for the flow of the juice between the bed and the bottom of the concentrator.

C is the presser whose under side is concave, or in form substantially the counterpart of the convex top of the bed B, and is of about the same diameter.

E is a tripod whose three feet are adapted to rest upon radial offsets *nnn*, projecting from the rim of the concentrator, and each of which is made fast by means of a bolt, P, carried through the offset and screwing into the lower end of the foot. The center of the tripod, formed by the intersection of its three members, is enlarged and threaded to form a nut, R, through which a presser-screw, F, is fitted to work freely, the upper end of the screw being provided with a hand-wheel, G. Its lower end is made to enter a central recess or socket in the top of the presser C, to which it is attached by means of a set-screw, S, working through the collar or rim of the socket into an annular groove, *t*, (see Fig. 2,) encircling the lower end of the screw, whereby the presser C is attached to the screw F, while the latter is left unrestricted to turn freely in the former.

H H H are the legs by which the concentrator is supported and upheld at a proper height to allow a glass to be placed under it to receive the juice flowing therefrom when a lemon is squeezed therein. The upper ends of these legs H H H are recessed to receive and embrace lugs or offsets W W, formed on the under side of the concentrator near its outer periphery, immediately in line with the radial offsets *nnn*, constituting the points of attachment for the tripod. The legs are made fast to the concentrator by screw-bolts J.

The presser C is readily moved up or down by turning the hand-wheel G, and the screw produces with ease the requisite pressure upon the lemon to express all the juice therefrom.

The entire device is simple, neat, effective,

easily cleaned, and may be produced at a low cost, and by taking it apart be packed in a very small compass.

I do not claim as new the presser, the bed,
5 or the concentrator of the form herein shown.

What I claim as my invention is—

The herein-described lemon-squeezer, consisting of the detachable tripod-legs H H H, cylindrical concentrating cup A, with detach-
10 able bed B therein, detachable tripod E, and presser-screw F, working through the tripod,

having presser C swiveled to its lower end, all combined and operating substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name 15
to this specification in the presence of two subscribing witnesses.

ROBERT ONDERDONK.

Witnesses:

SILAS W. HOLCOMB,
GEORGE VAN DUZER.