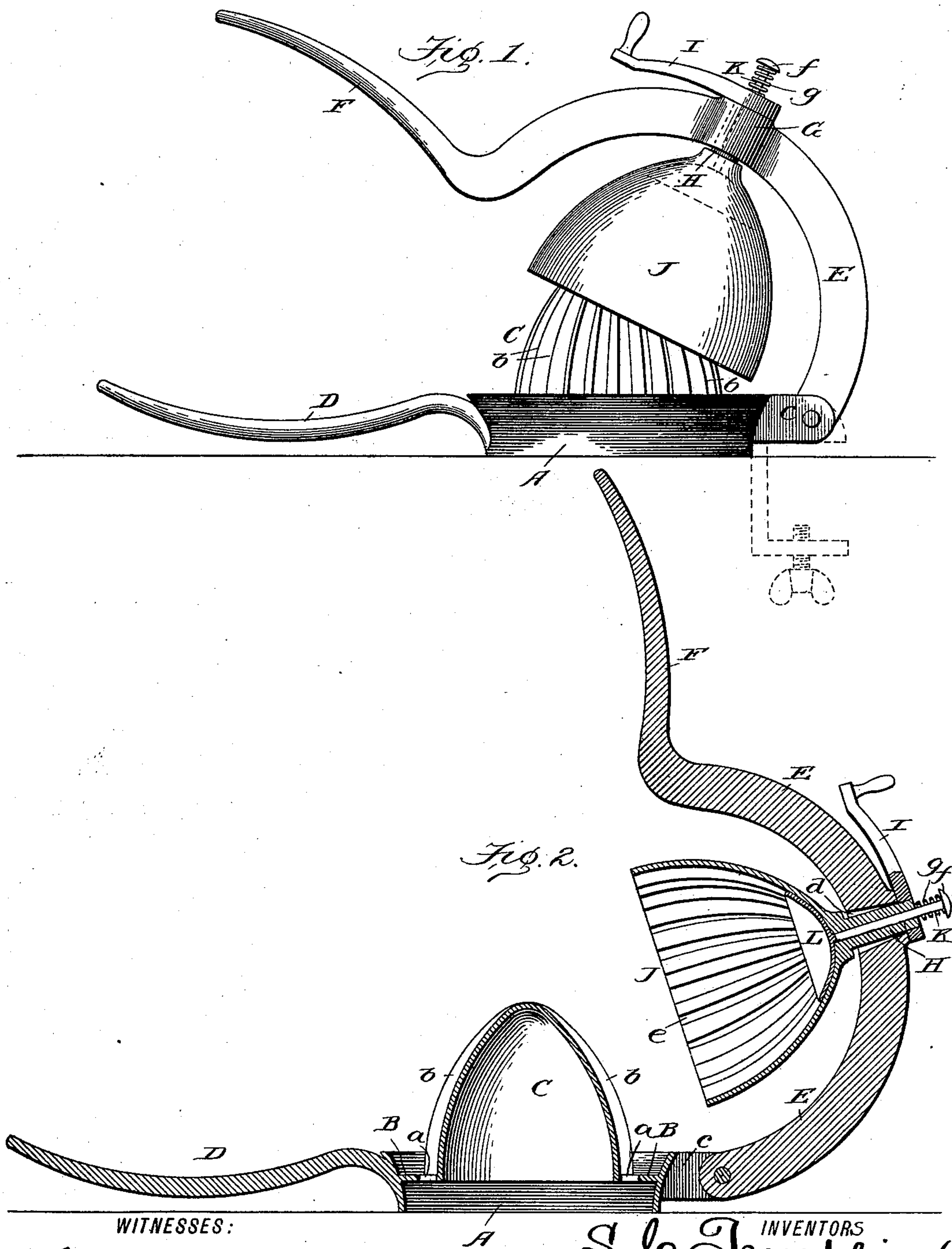


(No Model.)

S. C. & M. B. TEMPLIN.
LEMON SQUEEZER.

No. 585,134.

Patented June 22, 1897.



WITNESSES:

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SAMUEL CURTIS TEMPLIN AND MARK B. TEMPLIN, OF CALLA, OHIO.

LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 585,134, dated June 22, 1897.

Application filed June 26, 1896. Serial No. 597,078. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL CURTIS TEMPLIN and MARK B. TEMPLIN, citizens of the United States, residing at Calla, in the county of Mahoning, State of Ohio, have jointly invented a certain new and useful Improvement in Mechanical Juice and Pulp Extractors; and we do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification, together with the letters of reference marked thereon.

Our invention relates to devices for extracting juice and pulp from lemons or other citrus fruits; and it consists, more particularly stated, in an appliance for the purpose mentioned which is rapid and efficient in its operation, simple, durable, and cheap in its construction, and easily manipulated by inexperienced or experienced persons alike.

As a further object the device contemplates and includes the employment of novel means for ejecting a barren rind after the juice has been expressed therefrom.

To these ends the invention consists in certain features of construction and combination of parts hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, whereon like letters indicate corresponding parts in both views, Figure 1 is a side elevation of our invention partly closed, and Fig. 2 is a longitudinal central section of same in open position.

Reference being had to the drawings and letters thereon, A indicates an open-ended circular base having constricted or funnel-shaped walls and a horizontal annular strainer-plate B, preferably formed integral with said surrounding walls and perforated at frequent intervals by small drain-openings *a*. Rising from plate B and also by preference formed integral therewith is a convex receptacle or cone C, configured upon its exterior surface by a series of sharp ribs or ridges *b*, having their beginning at the plate B and terminating at the apex of said cone, where they merge one into the other.

From one side of base A projects a suitable handle D, and in like relation upon its oppo-

site side is located one member of a hinge-coupling *c*, for purposes that will now appear. Pivoted in the hinge member *c* is an arched lever E, terminating in a handle F, the latter adapted to register at times with handle D, aforesaid, while located at the crown of this lever E is a central enlarged boss G, perforated by an opening *d*, having converging walls, as shown by Fig. 2.

Journaled in the opening or bearing *d* is a rotatable hollow shaft H, having keyed to one end a lever or crank I, located immediately above boss G, its opposite end attached to and bearing a rotatable presser-cap J, the latter configured upon its inner surface by a series of ribs or ridges *e*, adapted to inclose and register with the corresponding ribs *b* upon conical receptacle C. Passing through hollow shaft H is a reciprocating stem K, having at one end a stop-knob *f*, a surrounding reaction-spring *g*, interposed between lever I and knob *f*, and at its opposite end bearing a concave rind-ejecting disk L, located within the end of cap J, thus providing for a limited reciprocal movement of the last-named part.

The foregoing being substantially a description of our invention, it will be observed that various changes of construction and modifications in the arrangement or form of parts employed may be made and substituted for those embodied in the drawings without in the least departing from the spirit of our invention. For instance, that portion of main operating-lever E projecting from and beyond boss G may in some cases be dispensed with, and the same may be said of handle D. Lever I may be variously applied to cap J, and the device may, when occasion suggests, be equipped with a bench or counter clamp, as shown by Fig. 1, when not used purely as a hand implement.

In use the operation of our invention in its preferred form of construction is as follows: A section of lemon, lime, or similar fruit, being first impaled upon the conical fruit-receptacle C, is upon operation of lever E engaged by concave presser-cap J and firmly seated, during which operation the bulk of juice is expressed from the fruit, is strained through perforations *a* of strainer-plate B,

and deposited in a suitable receptacle below. This accomplished, the presser-cap J is mechanically rotated by action of its lever I, with the effect of mangling all pulp between the
5 approaching ribs *b c*, removing it from the rind, and extracting therefrom its full value in juice. At this point in the operation lever E is thrown back and ejector L is brought into requisition. Pressure applied to knob
10 *f* serves to depress reciprocating stem K against action of its surrounding spring *g*, whereupon rind-ejecting disk L is depressed in cap J to dislodge or eject the barren rind.

Having thus described our invention, what
15 we claim is—

1. In a juice-extractor the combination with a ribbed fruit-receptacle, of a coacting ribbed presser-cap having rotary and oscillatory movements, an operating-lever carrying said

cap, a rind-ejector, and means for rotating 20 the presser-cap, substantially as described.

2. In a juice-extractor the combination with a ribbed fruit-receptacle, of a coacting ribbed presser-cap having rotary and oscillatory movements, a supporting-shaft for the latter, 25 an operating-lever having a journal-bearing with converging walls for said shaft, a reciprocating rind-ejector, and suitable means for rotating the presser-cap, substantially as described. 30

In testimony whereof we sign this specification, in the presence of two witnesses, this 25th day of June, 1896.

S. CURTIS TEMPLIN.

MARK B. TEMPLIN.

Witnesses:

F. W. KIRK,

M. V. B. KING.