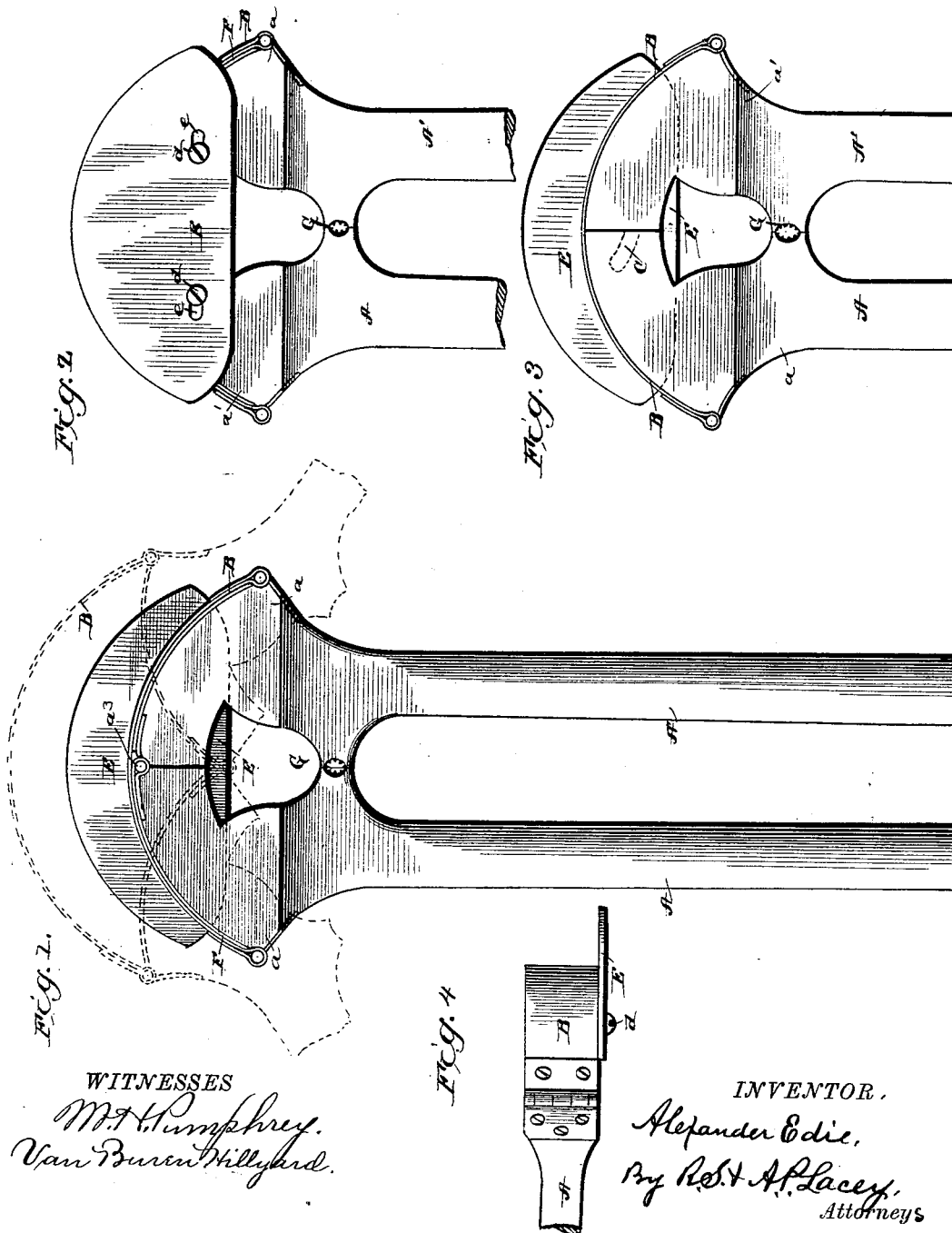


(Model.)

A. EDIE.
LEMON SQUEEZER.

No. 386,694.

Patented July 24, 1888.



WITNESSES
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UNITED STATES PATENT OFFICE.

ALEXANDER EDIE, OF BUTTE CITY, MONTANA TERRITORY.

LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 386,694, dated July 24, 1888.

Application filed May 16, 1888. Serial No. 274,021. (Model.)

To all whom it may concern:

Be it known that I, ALEXANDER EDIE, a citizen of the United States, residing at Butte City, in the county of Silver Bow and Territory of Montana, have invented certain new and useful Improvements in Lemon-Squeezers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to fruit-squeezers, and has for its object the provision of a device for the purpose of extracting the juices from fruits by pressure, that will be simple, compact, efficient, and which can be conveniently handled and cleaned.

The squeezer is composed of two levers having their ends expanded or provided with short arms, and a band or bed having the two levers hinged thereto.

The improvement further consists in having a supporting-plate to hold the fruit in position and prevent the juices squirting in an upward direction; in means for limiting the movement of the levers, which means, preferably, is the said supporting-plate, having slots near each end, through which set-screws or pins pass to form stops, and, lastly, in the peculiar construction and combination of parts, which hereinafter will be more fully described and claimed, and shown in the annexed drawings, in which—

Figure 1 is a plan view of a lemon squeezer of my invention, showing the levers open by dotted lines; Fig. 2, a plan view of the device, showing the ends of the levers broken away; Fig. 3, a top plan view of a modification, and Fig. 4 an edge view of the front end of the device.

The two levers A and A' are counterparts of each other, and have their ends expanded or provided with the short arms *a* and *a'*, respectively, and are hinged at their outer ends to the bed B, which in the present instance is a yielding band, preferably of spring metal, arch-shaped. The inner ends of the levers may be free or hinged together at *a''*. When the said inner ends are free, they will be provided with some means—as the interlocking

projection C or the stops *d*, extending through the slots *e* in the supporting-plate E—to hold them in position when operating the levers to press the fruit. It is preferred to have the inner ends of the levers hinged, as thereby a positive connection is formed between them, which prevents the levers from separating or the inner end of one lever from getting in front of or in the rear of the inner end of the other lever. The ends of the levers are curved, and when closed are spanned by the spring band or bed B, which fits close to the said ends and holds the levers closed. The levers when formed of wood will have their ends re-enforced by the plates F, which are hinged at their inner ends.

The supporting-plate E is secured to the side of the levers, and projects beyond their ends and is curved to conform nearly to the curved outline of the curved ends of the levers when the said levers are closed, so as not to extend too far to be in the way, and it is held to the said levers by the bolts or pins *d*, which pass through the slots *e* in the ends of the said plate.

The fruit is placed on the plate E between the ends of the levers and the bed, the levers being first opened; then the levers are grasped and brought together. This operation gradually diminishes the space between the bed and the said ends of the levers and expresses the juice from the fruit.

The levers are provided with inward extensions, G, which form stops to limit the inward movement of the levers, and also serve as jaws for compressing corks, cracking nuts, &c., thus increasing the utility of the device to a great degree.

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

1. The herein-described fruit-squeezer, composed of the bed and the two levers hinged to the ends of the bed, and provided with short arms which extend inward, the fruit being pressed between the bed and the said arms, substantially as set forth.

2. The herein-described fruit-squeezer, composed of the arch-shaped bed and the two levers having their ends expanded laterally, and curved or provided with short curved arms and hinged at the outer ends of the arms to the ends of the bed, whereby the fruit is adapted

to be pressed between the bed and the said arms, substantially as specified.

3. The combination, with the two levers, of the yielding bed having its ends connected with the outer ends of the levers, substantially as specified.

4. The combination, with the two levers, of the arch-shaped bed of spring material connected to the outer ends of the levers, substantially as described, for the purpose specified.

5. The combination, with the two levers and the bed, of the supporting-plate, substantially as and for the purpose described.

6. The combination, with the two levers and the bed, of the supporting-plate having slots near each end and the pins passing through the said slots and securing the plate to the levers, substantially as and for the purpose described.

7. The combination, with the bed, of the two levers having their ends expanded, and having

the inner ends of the expanded portion hinged together, and having the outer ends hinged to the said bed, substantially as and for the purpose described.

8. The combination, with the levers and the re-enforcing plates secured to the ends of the levers and hinged together, of the bed connected to the outer ends of the levers, substantially as described.

9. The herein-described fruit-squeezer, composed of two levers hinged together at their inner ends and having inward extensions to form stops and jaws, the bed hinged at its ends to the outer ends of the levers and the supporting-plate, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ALEXANDER EDIE.

Witnesses:

THEODORE M. CARR,
CLINTON A. SLOAN.