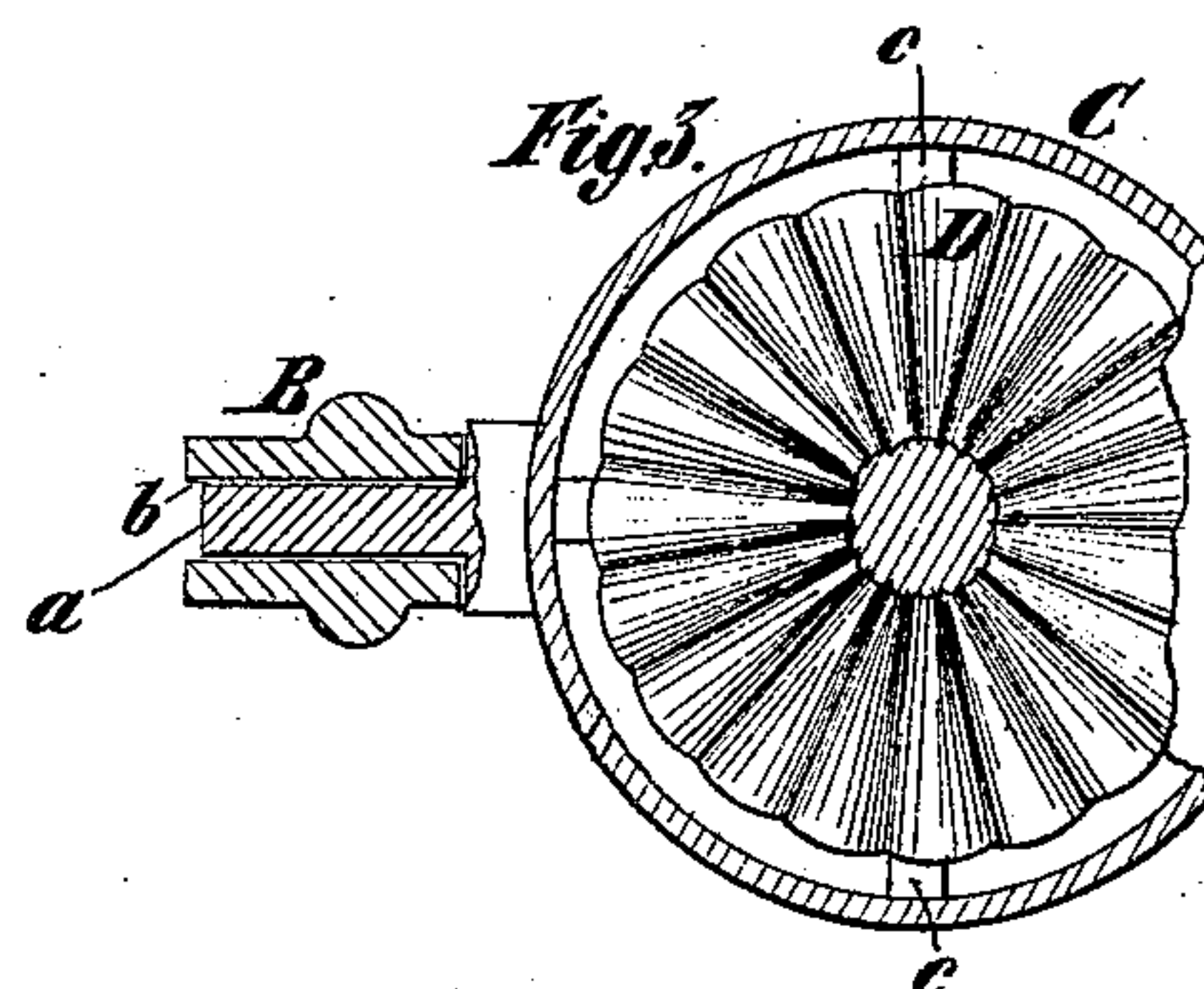
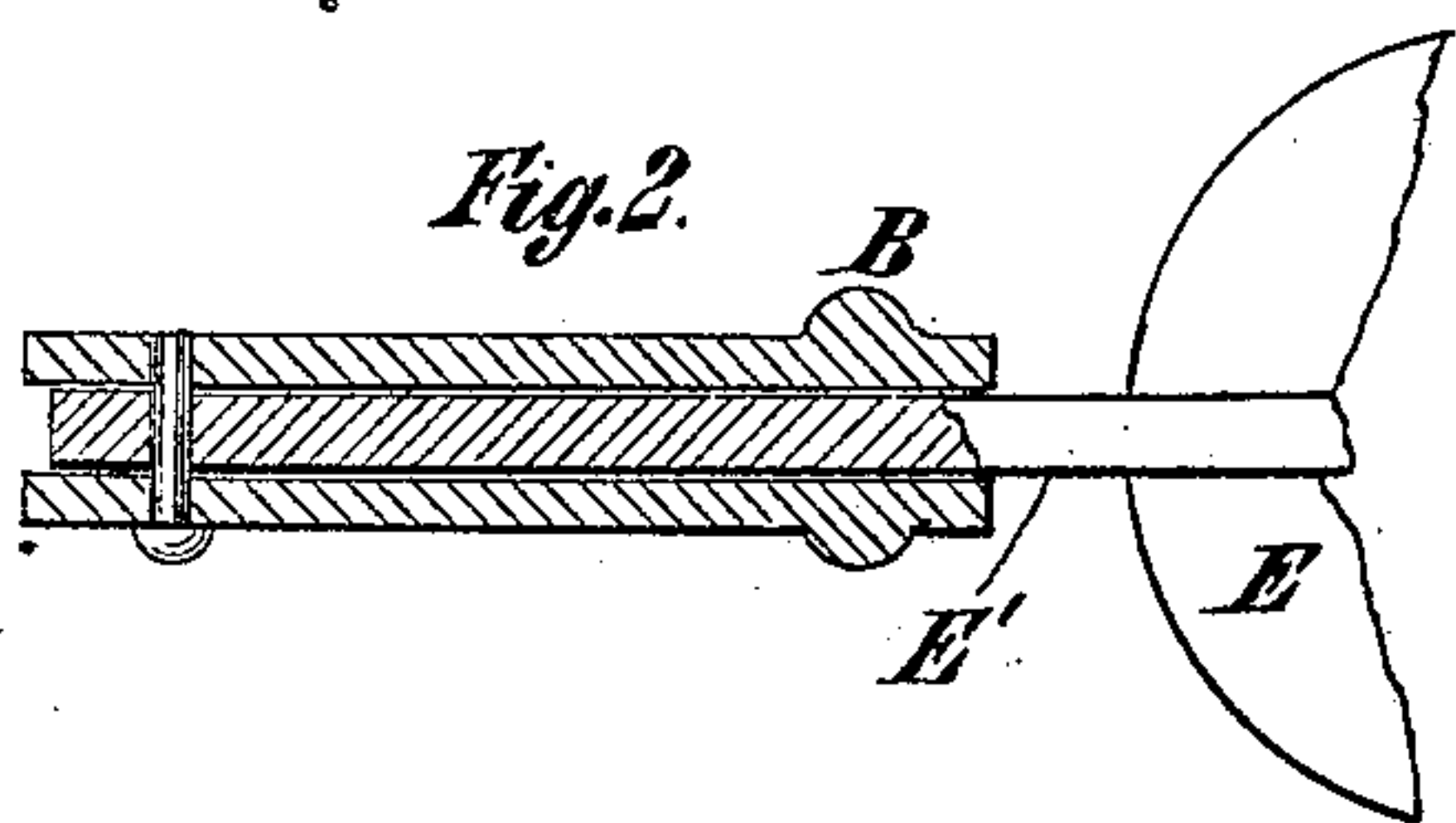
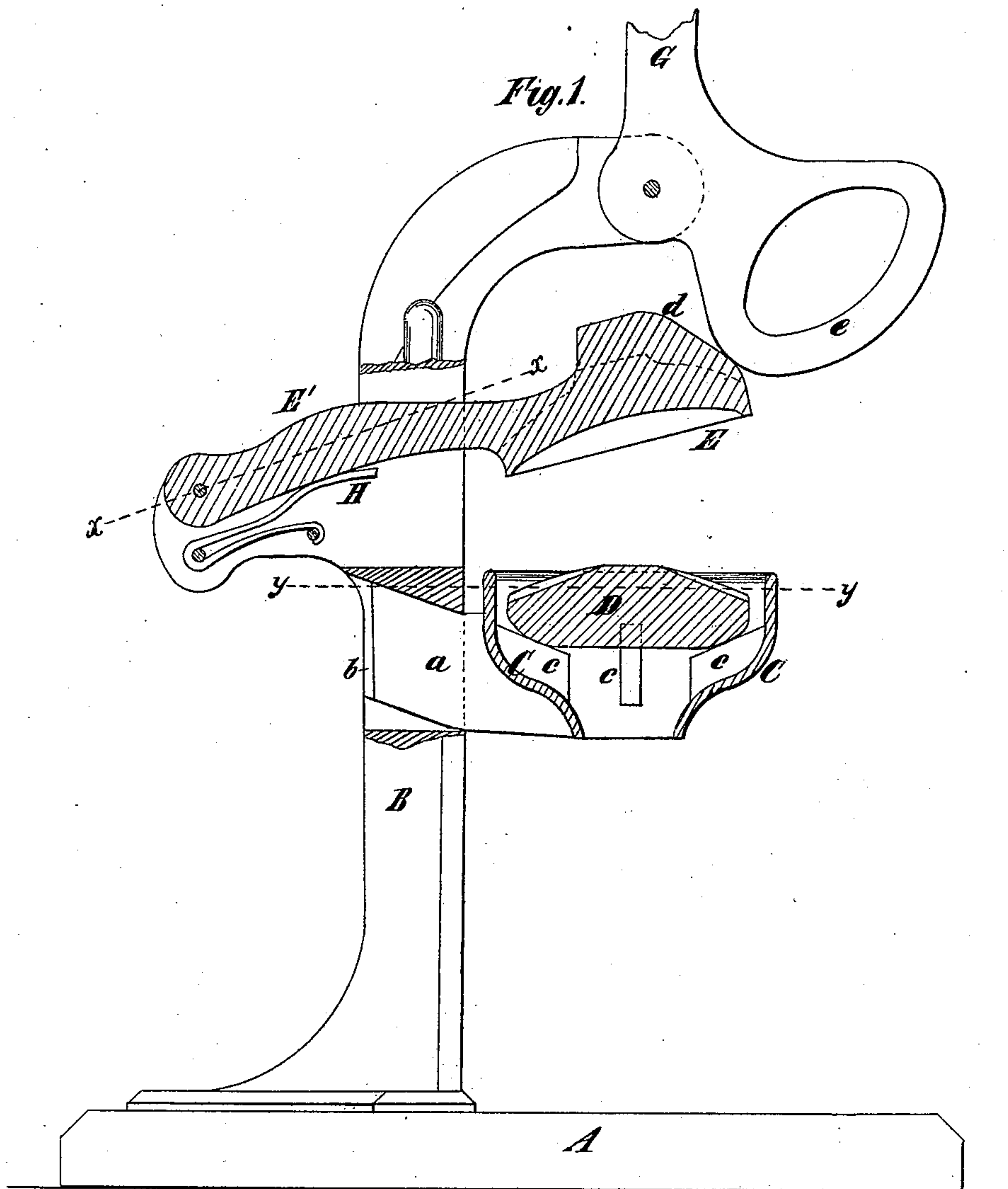


(No Model.)

J. FANNING.  
LEMON SQUEEZER.

No. 252,871.

Patented Jan. 31, 1882.



Witnesses  
Fred. Haynes  
E. J. Magrayer

Inventor.  
John Fanning  
by his Attorney  
Edward H. Brown.



# UNITED STATES PATENT OFFICE.

JOHN FANNING, OF BROOKLYN, NEW YORK, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO JAMES HANFORD AND JOSEPHINE P. FANNING, BOTH OF SAME PLACE.

## LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 252,871, dated January 31, 1882.

Application filed May 11, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN FANNING, of Brooklyn, in Kings county and State of New York, have invented certain Improvements in Lemon-Squeezers, of which the following is a specification.

My improvements comprise the combination of a standard, a bed, a presser and means for operating it, a concentrator supporting said bed, and a tongue and recess with which the concentrator and standard are provided, and the tops of which are inclined upward toward the back of the standard, whereby the said concentrator is detachably connected to the standard.

The improvements also consist in details of construction to be hereinafter described.

In the accompanying drawings, Figure 1 is a sectional elevation of a lemon-squeezer embodying my improvements. Fig. 2 is a horizontal section of the same on the plane of the line *x x*, Fig. 1, and Fig. 3 is a horizontal section of the same on the plane of the line *y y*, Fig. 1.

Similar letters of reference designate corresponding parts in all the figures.

A designates the base-piece of the machine, made of wood or other suitable material. B designates a standard erected thereon, and made of iron or other suitable material. C designates a concentrator. D designates a bed supported therein, and E designates a presser for squeezing half-lemons on the bed.

The concentrator C is funnel-shaped, and is fastened to the standard B by a tongue, *a*, with which it is provided, fitting into a recess, *b*, in the standard B. The top of this tongue *a* is slightly inclined upward toward the back of the standard, and the upper side of the recess *b* corresponds to it, so that when the tongue is inserted in the recess it cannot be withdrawn except by tilting up the other part of the concentrator. As gravity holds the outer part of the concentrator down, there is no tendency to accidentally detach it, and yet it may be easily removed when desirable.

The bed D is made of glass or other vitreous material which will not be easily affected by

lemon-juice, and which may be easily cleaned. It is slightly conical or protuberant on the top and corrugated. On the bottom it is also made protuberant, so as to have the requisite strength. It is supported on inclined ribs *c* in the concentrator, so that a space will be left between it and the concentrator for the passage of juice to a vessel placed below the concentrator. The ribs *c* serve to properly center the bed, as well as to support it.

The presser E is provided with an arm, *E'*, whereby it is pivoted to lugs extending rearward and forming a part of the standard, and it passes through a slot or guide in the standard, so as to be steadied against lateral movement. This presser is made to approximately conform to the protuberance of the top of the bed, save that its surface is plain instead of corrugated. On its top is a cam, *d*, which is operated on by a cam, *e*, carried by a lever, G, which is pivoted to the top of the standard B. This lever only serves to force down the presser upon the bed, and has no connection with the presser. A spring, H, acting against the under side of the arm *E'* of the presser, serves to impel the presser upward when the lever is raised, so as to release it. A suitably-arranged weight may be used in lieu of the spring.

It will be seen that by my invention I produce a very simple and effective lemon-squeezer which will be very desirable for household use because of the ease with which it may be kept clean.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a lemon-squeezer, the combination of a standard, a bed, a presser and means for operating it, a concentrator supporting said bed, and a tongue and recess with which the concentrator and standard are provided, and which have their tops inclined upward toward the back of the standard, whereby said concentrator is detachably connected to the standard, substantially as specified.

2. In a lemon-squeezer, the combination of a base-piece, the standard B, erected thereon and overhanging the latter at the upper end, the concentrator C, supported by said standard,

the bed D, the presser E, provided with the  
arm E', extending through the standard and  
pivoted between lugs extending rearwardly  
from the latter, and provided with the cam *d*,  
5 the lever G, pivoted to the upper end of the  
standard and provided with the cam *e*, and the  
spring H, arranged between said rearwardly-

extending lugs and acting on the under side of  
the arm E', substantially as specified.

JOHN FANNING.

Witnesses:

T. J. KEANE,

EDWIN H. BROWN.

1.  
Corrections in Letters Patent, No. 252,871.

It is hereby certified that in Letters Patent No. 252,871, issued January 31, 1882, upon the application of John Fanning, of Brooklyn, New York, for an improvement in "Lemon Squeezers," the name of the assignee of one-half interest, wherever it appears in said grant of said Letters Patent, was erroneously written "Joseph P. Fanning," instead of "Josephine P. Fanning;" that the correct name is "Josephine P. Fanning;" that the proper corrections are hereby made in said Letters Patent to conform to the files and records pertaining to the case in the Patent Office.

Signed, countersigned, and sealed this 7th day of February, A. D. 1882.

[SEAL.]

Countersigned:

E. M. MARBLE,  
*Commissioner of Patents.*

A. BELL,  
*Acting Secretary of the Interior.*