

(No Model.)

S. R. THOMPSON.  
FRUIT PRESS.

No. 494,396.

Patented Mar. 28, 1893.

Fig. 1.

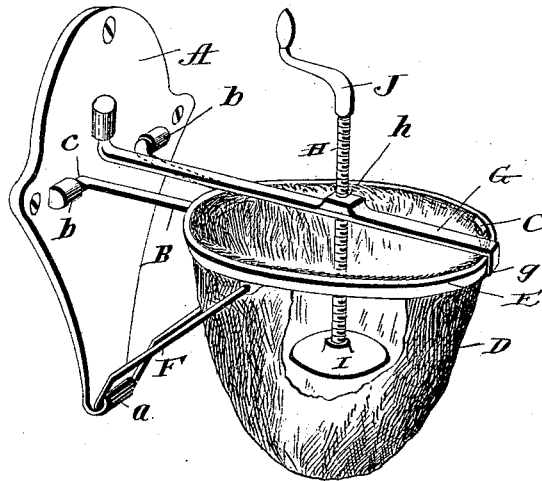
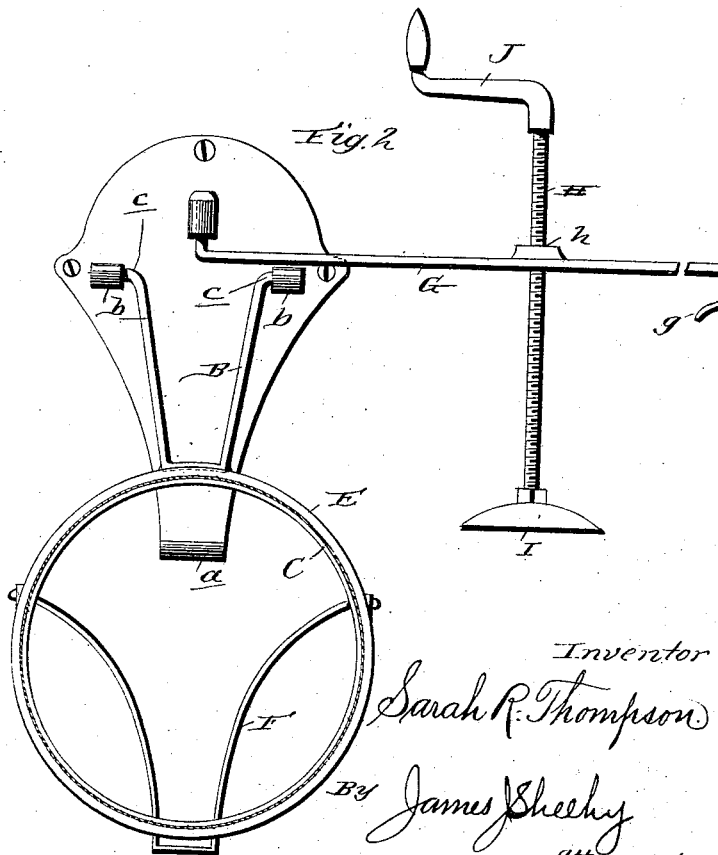


Fig. 2.



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# UNITED STATES PATENT OFFICE.

SARAH ROSALINE THOMPSON, OF HENRIETTA, TEXAS.

## FRUIT-PRESS.

SPECIFICATION forming part of Letters Patent No. 494,396, dated March 28, 1893.

Application filed October 24, 1892. Serial No. 449,787. (No model.)

### *To all whom it may concern:*

Be it known that I, SARAH ROSALINE THOMPSON, a citizen of the United States, residing at Henrietta, in the county of Clay and State of Texas, have invented certain new and useful Improvements in Fruit-Presses; 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.

My invention has relation to improvements in fruit presses or devices for extracting and straining the juice of fruits, and it has for its general object to provide such a device of a cheap, simple, and durable construction, and one adapted when not in use to be disconnected and folded back against the wall so as to occupy but a minimum amount of space.

Other objects and advantages will be fully understood from the following description and claims when taken in connection with the annexed drawings in which:

Figure 1, is a perspective view of my improved device in an operative position, and Fig. 2, is an elevation of the same with the parts disconnected and resting against the wall.

Referring by letter to the said drawings: A, indicates the bracket plate of my improved device which is connected to a wall or other suitable support, and is provided with a hook *a*, which may be formed integral therewith and is designed for a purpose presently described. This bracket plate A, is provided on its front side with bearings *b*, in which are journaled the lateral branches *c*, of the arms B, to the outer ends of which arms the cloth supporting ring C, is connected.

The straining cloth D, of my improved device which is designed to hold the fruit to be pressed, has its upper edge lapped over the supporting ring C, and is secured between the said ring C, and a keeper ring E, which is placed around the ring C, as better shown in Fig. 1, of the drawings. By this construction it will be perceived that the straining cloth may be readily secured to the ring C, and may as readily be removed therefrom, after use, for cleansing or other purposes.

Pivottally connected to the ring C, at opposite points as shown is a bail loop F, which is preferably formed from resilient material and

is preferably bent adjacent to its looped end as shown so that it may be readily placed in engagement with the hook *a*, of the plate A, to support the ring C, in its operative position as illustrated in Fig. 1.

G, indicates an arm which is pivottally connected to the bracket plate A, so as to swing laterally in a horizontal plane, and is provided at its outer end with a hook *g*, which is designed and adapted to embrace the rings C, E, and securely hold the latter in position. This laterally swinging arm G, which also serves to brace the ring C, is provided at an intermediate point in its length with a vertically disposed threaded aperture *h*, through which takes the threaded spindle H, of the presser head I, which spindle is provided at its upper end with a crank J, whereby it may be readily turned to carry the head I, up or down as desired.

In practice the straining cloth is secured in position as before described and is filled with the fruit from which the juice is to be expressed. The threaded spindle H, is then rotated to carry the head I, down upon the fruit, when the juice will be forced through the straining cloth and into a suitable vessel placed to receive it. This operation is repeated until all of the juice is expressed from the fruit, when the fruit may be removed and a new charge placed in the cloth. After the pressing of the fruit is completed, and it is desired to remove the straining cloth and fold the device back against the wall, the head I, is raised through the medium of the screw H, so that it will clear the rings C, E, and the arm G, is then swung out of engagement with the said rings and back against the wall. The ring E, is then removed to release the straining cloth, and the bail loop F, is disengaged from the hook *a*, of the bracket plate, when the ring C, and the said loop F, will fall and will hang close against the wall.

By reason of the construction set forth, it will be perceived that fruit may be pressed and the juice extracted therefrom and strained without the necessity of the operator staining her hands; and when hot fruit is pressed it will be seen that the danger of the operator burning her hands is reduced to a minimum.

While my improved device is especially adapted for expressing and straining the juice

of fruits, yet it may be employed to advantage for many purposes such as straining the whey from heated clabber to make cheese; for straining lard from the cracklings; and  
5 for straining the lint from boiling soap suds when needed to wash colored clothes.

In order to impart a clear understanding of my invention, I have specifically described the construction, and relative arrangement of  
10 the several elements thereof, but I do not desire to be confined to the same as such changes or modifications may be made as fairly fall within the scope of the invention.

Having described my invention, what I  
15 claim is—

1. In a fruit press, or device for expressing and straining the juice of fruits, the combination with a bracket plate adapted to be connected to a wall or other support; of an arm  
20 pivotally connected to the bracket plate and carrying a ring at its outer end adapted to support a fruit receptacle, a suitable means for supporting the arm and ring in a horizontal position, the arm G, pivotally connected to the  
25 bracket plate and devices carried by said arm G, adapted to be manipulated to express the juice from the fruit, substantially as specified.

2. In a fruit press, or device for expressing  
30 and straining the juice of fruits, the combination with a bracket plate adapted to be connected to a wall or other support, an arm pivotally connected to the bracket plate and carrying the ring C, at its outer end, the ring E,  
35 adapted to be placed upon the ring C, to secure a straining cloth thereto, and a suitable means for supporting the arm and rings in a horizontal position; of the arm G, pivotally connected to the bracket plate so as to swing

in a horizontal plane and having a hook at its  
40 free end adapted to embrace the rings C, E, and devices carried by the arm G, adapted to be manipulated to express the juice from the fruit, substantially as specified.

3. In a device for expressing and straining  
45 the juice of fruits, the combination with a bracket plate adapted to be connected to a wall or other support; and having the hook *a*; of an arm pivotally connected to the bracket plate and carrying the ring C, at its outer end,  
50 adapted to support a fruit receptacle, the bail loop pivotally connected to the ring C, and adapted to engage the hook of the bracket plate, the arm G, pivotally connected to the  
55 bracket plate, and devices carried by said arm G, adapted to be manipulated to express the juice from the fruit, substantially as specified.

4. In a fruit press or device for expressing the juice from fruits, the combination with the bracket plate having the hook *a*, the arms  
60 B, pivotally connected to the bracket plate and carrying the ring C, at their outer ends, the bail loop pivotally connected to the ring C, and adapted to engage the hook of the  
65 bracket plate, and the ring E, adapted to secure a strainer cloth to the ring C; of the arm G, pivotally connected to the bracket plate so as to swing in a horizontal plane, and having the hook *g*, at its outer end, and devices  
70 carried by said arm adapted to be manipulated to express the juice from the fruit, substantially as specified.

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

SARAH ROSALINE THOMPSON.

Witnesses:

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