

(No Model.)

J. B. FORD.

LARD PRESS.

No. 262,284.

Patented Aug. 8, 1882.

Fig. 1.

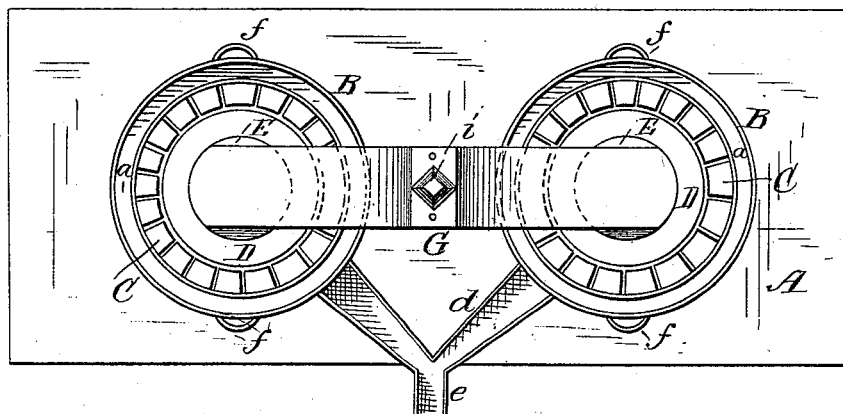


Fig. 2.

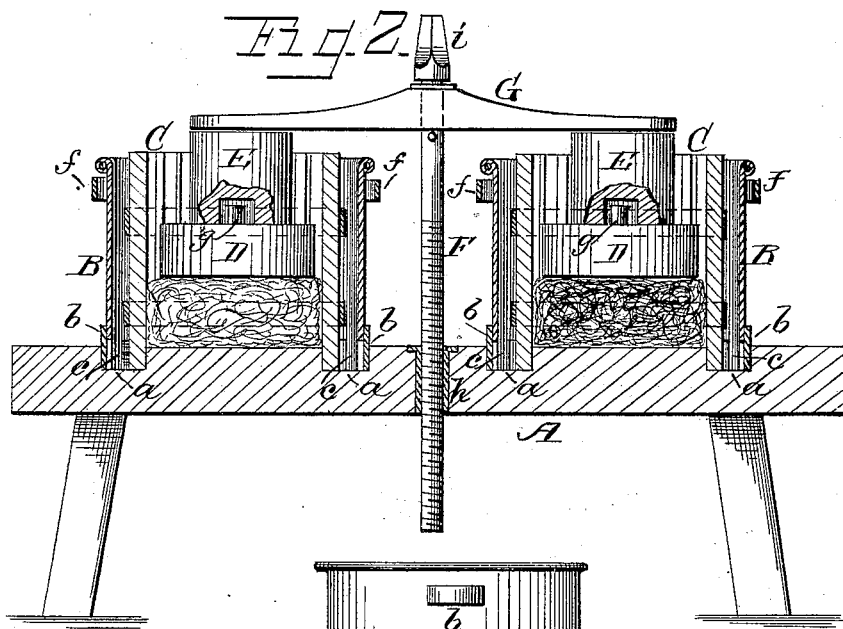
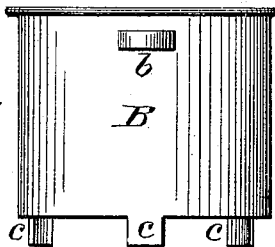


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN B. FORD, OF FERN CREEK, KENTUCKY.

LARD-PRESS.

SPECIFICATION forming part of Letters Patent No. 262,284, dated August 8, 1882.

Application filed June 28, 1882. (Model.)

To all whom it may concern:

Be it known that I, JOHN B. FORD, a citizen of the United States, residing at Fern Creek, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Lard-Presses; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a top plan view of my invention; Fig. 2, a longitudinal section thereof, and Fig. 3 a detail view of one of the receiving-vessels.

The object of the present invention is to provide a simple, strong, and durable machine for pressing lard, fruit, &c., that will perfectly do its work with comparatively little trouble, and with great leverage power. These several objects I attain by the construction, substantially as shown in the drawings and hereinafter described and claimed.

In the accompanying drawings, A represents a suitable bench or table of rectangular shape, formed with circular grooves *a*, around the outer sides of which are secured flanged plates or circular metal bands *b*, extending above the top of the bench or table. Within the grooves *a* are seated cylindrical receiving-vessels B, provided with feet *c* to raise the vessels above the bottom of the grooves to admit the escape of the pressed material into the trough *d*, where it is discharged into a receptacle placed under the spout *e* to receive it. The vessels B are provided with suitable handles, *f*, for raising them up out of the grooves and removing them from the bench or table A.

It should be noticed that the vessels B have no bottoms, but are simply in the form of an open hollow cylinder, which surround the slatted tubs C, which also rest in the grooves *a*.

Within the tubs C are located followers D, having upon their upper ends pins *g* for centering thereon the plungers E, which loosely rest on the followers.

The screw-threaded end of a rod, F, extends down and through a screw-threaded bushing, *h*, secured around an opening made through the bench or table A.

The upper end of the rod F is formed with a square or other equivalent head, *i*, for connecting thereto a crank of any suitable construction, by means of which the rod F is operated.

To the rod F, directly below the head *i*, is loosely fitted the presser-bar G, of sufficient length to extend at each end over the plungers E. By turning the screw-threaded rod F in the proper direction the ends of the presser-bar G will be brought with great power of pressure upon the plungers E, which will force the followers D down upon the lard or other material being pressed, forcing it out through the spaces in the slatted buckets C, and out under the edge of the vessels B into trough *d*. The circular metal bands *b* prevent the lard from running over the bench or table A, and also serve as retaining-flanges for the vessels B.

The vessels B, tubs C, followers D, and plungers E are all detachable from each other, and removable from the bench or table A by simply turning at right angles to the length of the bench or table the presser-bar G, thus allowing the several parts to be removed.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The removable vessels B having feet *c*, the slatted tubs C, followers D, and plungers E, in combination with the bench or table A, formed with grooves *a*, and the screw-rod F, having loosely connected to it the presser-bar G, constructed and arranged to operate substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN BRECKENRIDGE FORD.

Witnesses:

WM. A. MATHES,
JOHN W. JAMES.