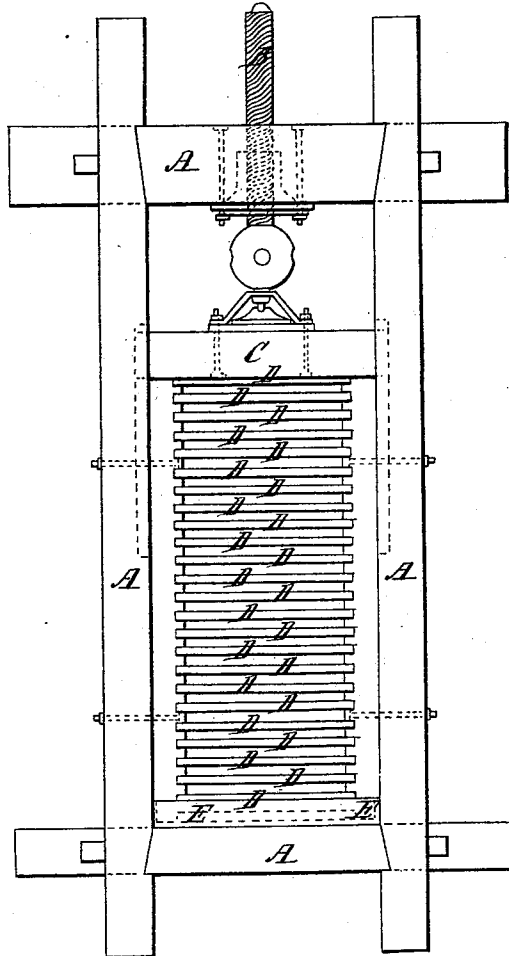


M. H. SHEPARD.  
PRESS FOR OIL.

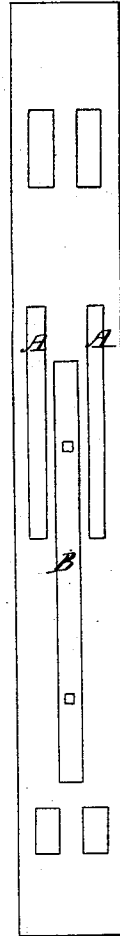
No. 3,109.

Patented May 26, 1843.

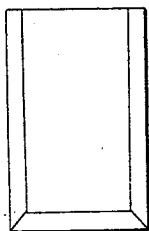
*Fig. 1*



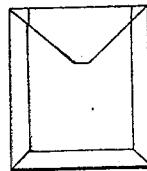
*Fig. 2*



*Fig. 3*



*Fig. 4*



# UNITED STATES PATENT OFFICE.

MARTIN H. SHEPARD, OF CINCINNATI, OHIO.

BAG FOR SEPARATING ELAIN AND STEARIN BY PRESSURE.

Specification of Letters Patent No. 3,109, dated May 26, 1843.

*To all whom it may concern:*

Be it known that I, MARTIN H. SHEPARD, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a method of making lard-oil or separating elain and stearin of hog's lard, tallow, or any other kind of grease; and I do hereby declare that the following is a full and exact description.

10 The nature of my invention is the separation from hog's lard, tallow, or any other kind of grease of the elain, so as to be in a convenient form for using as oil for burning, machinery, &c., from the stearin, and  
15 leaving that (the stearin) in a good and convenient form for culinary purposes, or making candles.

To enable others skilled in the art to make and use my invention, I will proceed to describe the construction and operation of the necessary apparatus.

I construct a common screw press, as per annexed Figure No. 1.

25 A is the frame, B the screw, C the follower, D the plates of wood or wrought iron, between which are bags containing twelve lbs., more or less, of lard, tallow, or any other kind of grease each, which is to be pressed gradually for twelve to twenty-  
30 four hours, as the quality of the lard, tallow or any other kind of grease may re-

quire; E a cast iron bottom, with a recess to catch the oil; F the aperture for the discharge of elain or oil. The bags (see Fig. No. 3) are made of Russia duck or any close, heavy canvas, lined with Canton flannel with the nap turned in, so as to present the back of the flannel to the lard, tallow, or any other kind of grease (or any other material that will produce the same effect) 40 folded and sewed so as to have at least two thicknesses of both flannel and canvas at the sides and end of the bag, the top of the bag to be folded over; after the lard, tallow or any other kind of grease is in (see Fig. No. 4), or a bag made in the same way, with the second lining of canvas, with the flannel between.

Fig. No. 2 presents the upright post of the frame of Fig. No. 1, with the side turned outward; A and A grooves for the follower to slide in; B guide for the plates.

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

The above described method of making 55 bags to be used in separating elain and stearin, in lard, tallow, or any other kind of grease, by means of pressure.

MARTIN H. SHEPARD.

In presence of—

ROBT. J. WHARTON,  
RMSS. T. W. LEE.