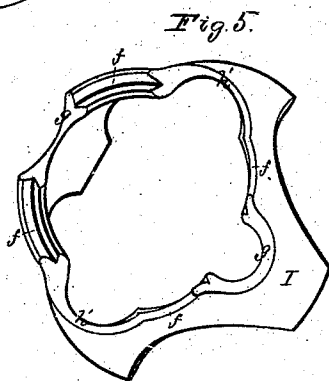
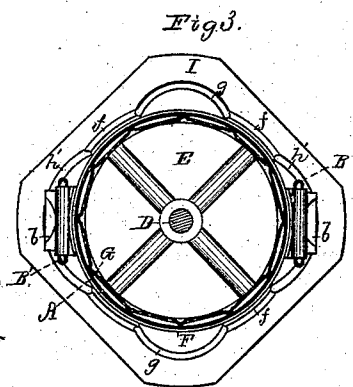
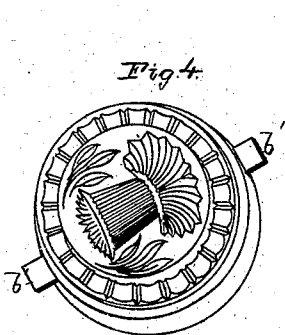
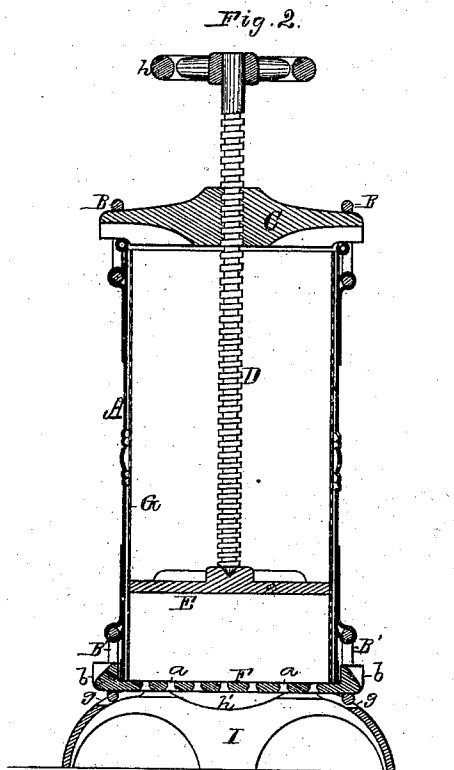
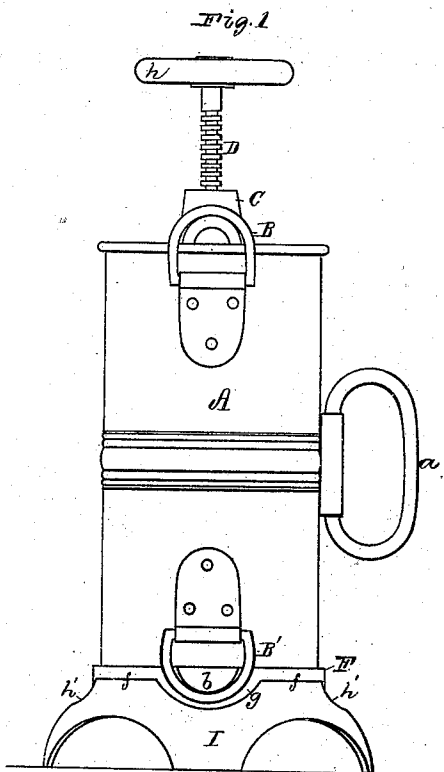


G. MERRILL.
PRESS.

No. 173,735.

Patented Feb. 22, 1876.



witnesses
S. N. Piper.
L. W. Miller

George Merrill
by his attorney
R. H. Eddy.

UNITED STATES PATENT OFFICE.

GEORGE MERRILL, OF NEW YORK, N. Y., ASSIGNOR TO ISAAC F. DOBSON,
TRUSTEE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PRESSES.

Specification forming part of Letters Patent No. **173,735**, dated February 22, 1876; application filed
January 28, 1876.

To all whom it may concern:

Be it known that I, GEORGE MERRILL, of the city, county, and State of New York, have invented a new and useful Improvement in Machines or Apparatus for Pressing Meats, Vegetables, or various other matters, or for pressing and stamping butter; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, Fig. 2 a vertical section, and Fig. 3 a horizontal section, of a press of my improved kind. Fig. 4 is a perspective view of a butter-stamp to be used with such press, and in the place of its removable perforated bottom; and Fig. 5, a perspective view of the stand I.

In such drawings, A denotes a strong hollow cylinder or case, open at each end, and provided at its middle with a handle, *a*, hinged to it so as to fold against its outer surface or turn out at right angles therewith. It also has at or near each end a pair of loops or rings, B B and B' B', which are hinged to its outer surface, one pair, B B, being intended to loop over and upon the ends of a bar, C, extending diametrically across the top of the case, and having a long screw, D, screwed into and through its middle and into the case, and against a metallic disk or follower, E, arranged therein as represented. To the lower end of the case there is a movable flanged bottom, F, perforated with numerous holes, *a*, and provided with two ears, *b b*, to enter the lower pair of rings or clasps B' B', which, when looped on the said ears, serve with them to confine the bottom to the case. In the place of this perforated bottom the butter-stamp, also provided with ears, as shown at *b' b'*, may be used when it may be desirable to employ the press for pressing and stamping butter or other matter. Within the case is another hollow but prismatic case or strainer, G, having its sides foraminous, it, at the junctions of its sides, resting against the inner periphery of the case. The object of this prismatic strainer G is to facilitate the removal of liquid from the matter to be pressed.

Instead of being prismatic the strainer may be corrugated vertically, so as to form channels lengthwise in it, from end to end of it.

In preserving meat or other matter a solid plate or a woven-wire disk may be used in the movable bottom to cover its holes, if desirable.

By turning the screw, which is provided with a hand-wheel, *h*, so as to force the follower E down within the foraminous case, meat or other matter, when therein, may be pressed.

The stand for the press is shown at I, also in perspective view in Fig. 5. It is a flaring ring, provided with rabbets *f* and notches *g g*, to receive the bottom of the press. It, when said press is in an upright position, also has larger notches *h' h'* made in it, all being as represented, these latter notches being to receive the press when in a horizontal position.

The bottom is perforated to allow liquid from a material, while being pressed, to escape. When fat is pressed from the meat it will pass both through the inner case and the bottom. The mode of using the press for stamping butter or other material and expelling it from the press will be readily understood.

I claim as my invention—

1. The combination of the outer case A, provided with the four hinged loops B B B' B', with the screw-carrier or cross-bar C, and with a movable bottom, F, provided with ears *b b*, all being substantially as described.

2. The combination of the corrugated or prismatic foraminous strainer G with the press-case A, the bottom F, the follower E, and the operating-screw D, all being arranged and applied as specified.

3. The annular stand I, provided with the rabbets *f* and notches *g h'*, arranged in it as, and for use with the press as explained.

GEO. MERRILL.

Witnesses:

EDWD. P. BRAY,
ISAAC F. DOBSON.