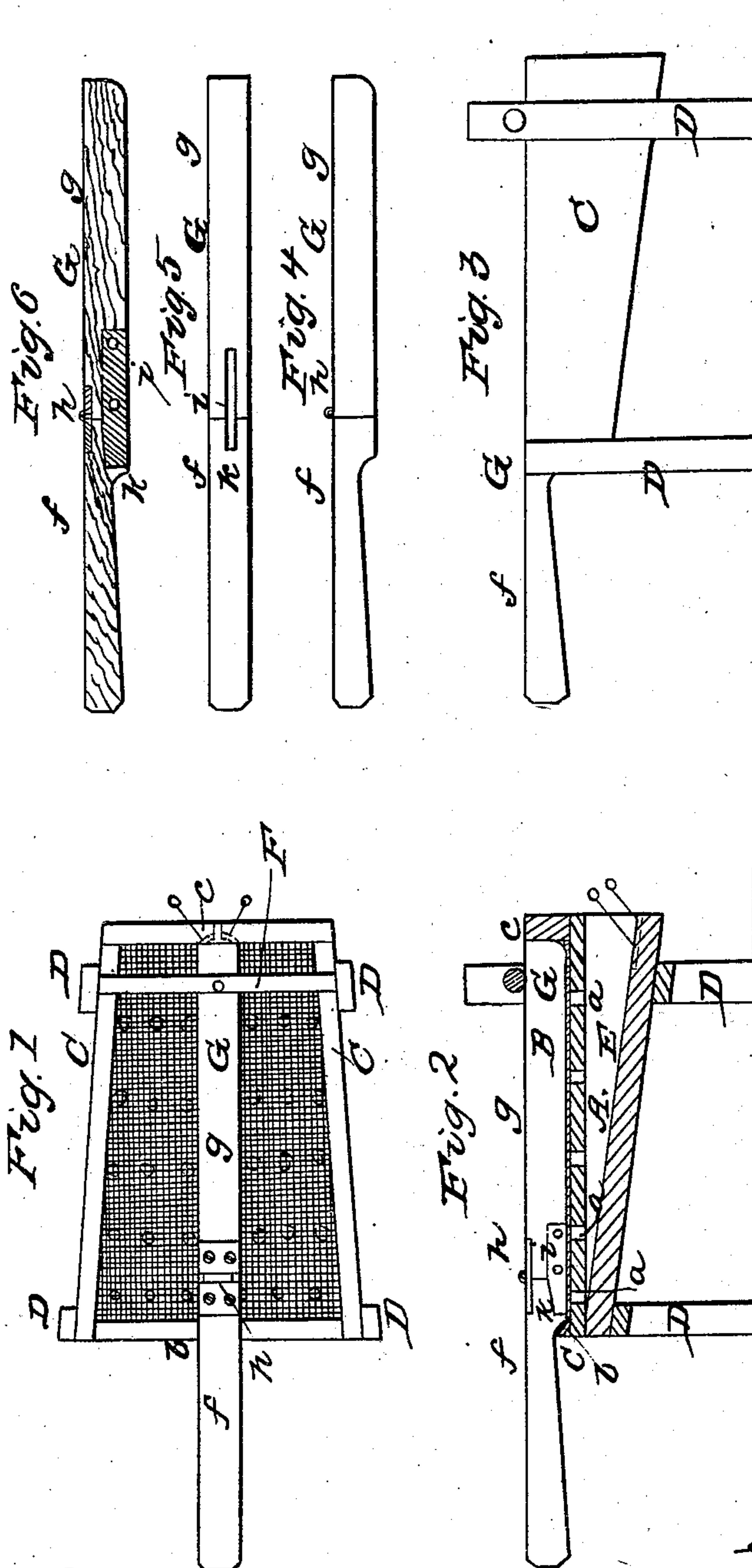


S. E. MORSE.
Butter Worker.

No. 41,853.

Patented March 8, 1864.



Witnesses
Frederick Curtis
F. P. Hale

Inventor
Solon E. Morse
by his attorney
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UNITED STATES PATENT OFFICE.

SOLON E. MOORE, OF MONTGOMERY, VERMONT.

IMPROVEMENT IN BUTTER-WORKERS.

Specification forming part of Letters Patent No. 41,853, dated March 8, 1864.

To all whom it may concern:

Be it known that I, SOLON E. MOORE, a resident of Montgomery, in the county of Franklin and State of Vermont, have invented a new and useful or Improved Butter-Worker; 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 denotes a top view; Fig. 2, a longitudinal section, and Fig. 3 a side elevation, of the same. Fig. 4 is a side view, Fig. 5 an under side view, and Fig. 6, a longitudinal section, of the brake used with such butter-breaker.

The purpose of my invention is to enable a person to separate buttermilk from butter, to work and prepare the butter for use, and to collect the buttermilk.

In the drawings, A denotes a horizontal board or table, provided with numerous holes *a a a* and having the perforations covered by a layer or sheet of cotton or other suitable cloth, B. This cloth may be fastened down to the surface of the board A with waterproof glue or cement, if desirable, but I prefer that it should be so applied to the table or board A as to be readily removable therefrom, in order that it, as well as the table or board, may be thoroughly washed as occasion may require.

The cloth cover prevents the butter from working into and stopping up the holes of the board or table A, and is very essential to keep the machine in good working order. This table or board is arranged within a trough or case, C, supported by four legs, D D, and having an inclined bottom or plane, E, arranged directly underneath the table, the said inclined plane being grooved on its upper surface in opposite directions by two

grooves, *o o*, opening out of its lower end and arranged with respect to each other and across the plane as shown in the drawings. The table is provided with ledges *b c* at its two ends, such ledges projecting above the cloth and going across the table, as shown in the drawings. There is also a horizontal bar, F, arranged over the table and near to the forward end of it, and supported by uprights or extensions of the forward two legs, the object of this bar being to afford a fulcrum or support to one end of a brake, G.

In operating the worker the butter is laid on the cloth and is worked by the brake being inserted underneath the cross-bar and pressed down upon the butter, so as to spread it on the cloth and press it thereon in a manner to separate the buttermilk from the mass and force it down through the cloth and the table, the buttermilk falling on the inclined plane and running down it into its grooves, and, finally, in a single stream out of the grooves and into a pail or vessel placed underneath their junction.

The brake, for convenience of storage, I make in two parts or lengths, *f g*, united together by a hinge, *h*, and having a flat plate or tongue, *i*, extending from one into a slot or mortise, *k*, made in the other, the same being so that one part, *f*, may be folded or turned over upon the other.

I claim—

The improved butter-worker, as made with the grooved inclined plane E, the perforated table A, and the layer of cloth B, the whole being arranged and constructed substantially in manner and so as to operate as specified.

SOLON E. MOORE.

Witnesses:

W. A. RAESON,
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