

(No Model.)

J. WASSON & R. T. HITT.

MACHINE FOR WORKING BUTTER.

No. 286,879.

Patented Oct. 16, 1883.

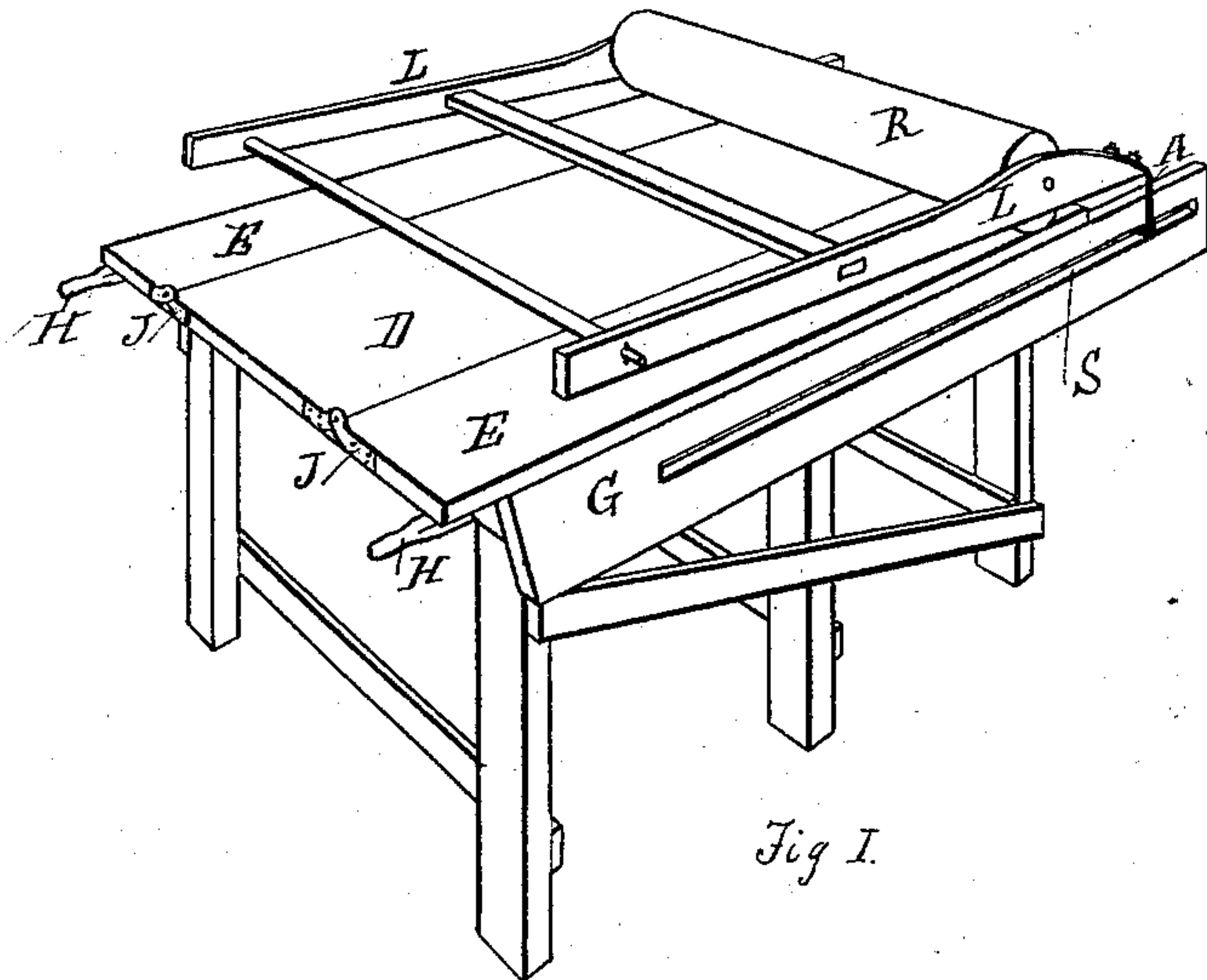


Fig I.

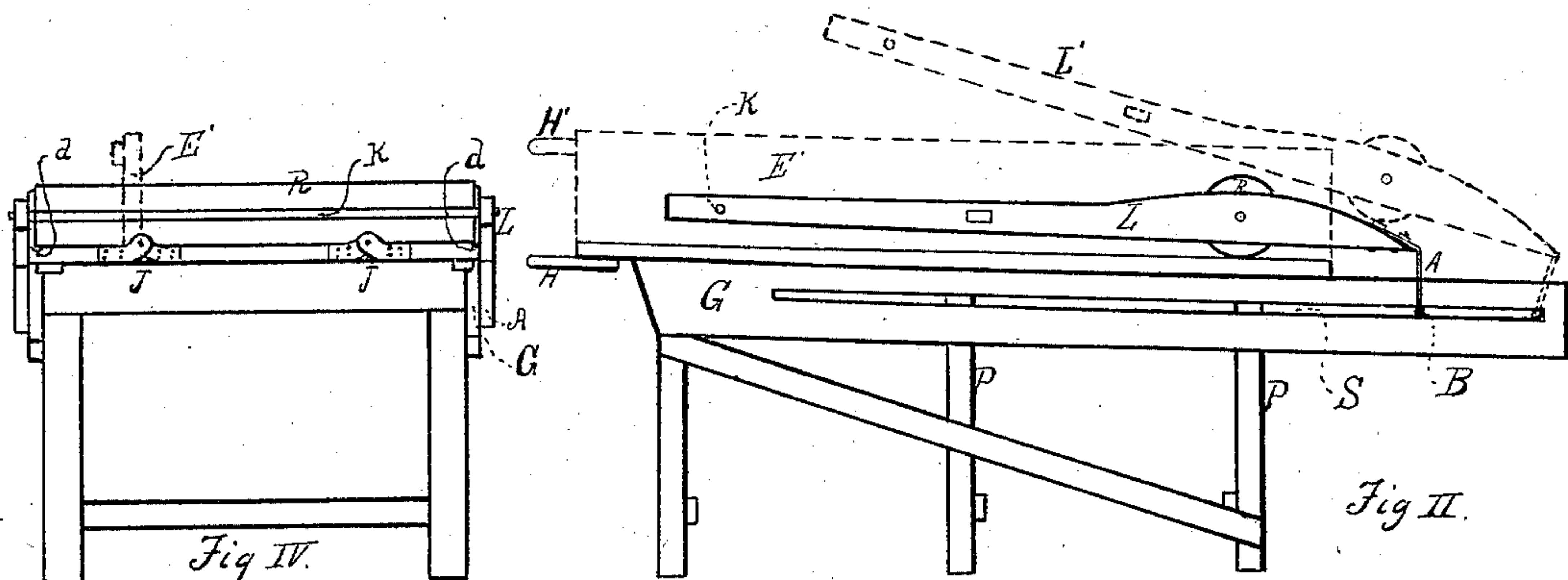


Fig II.

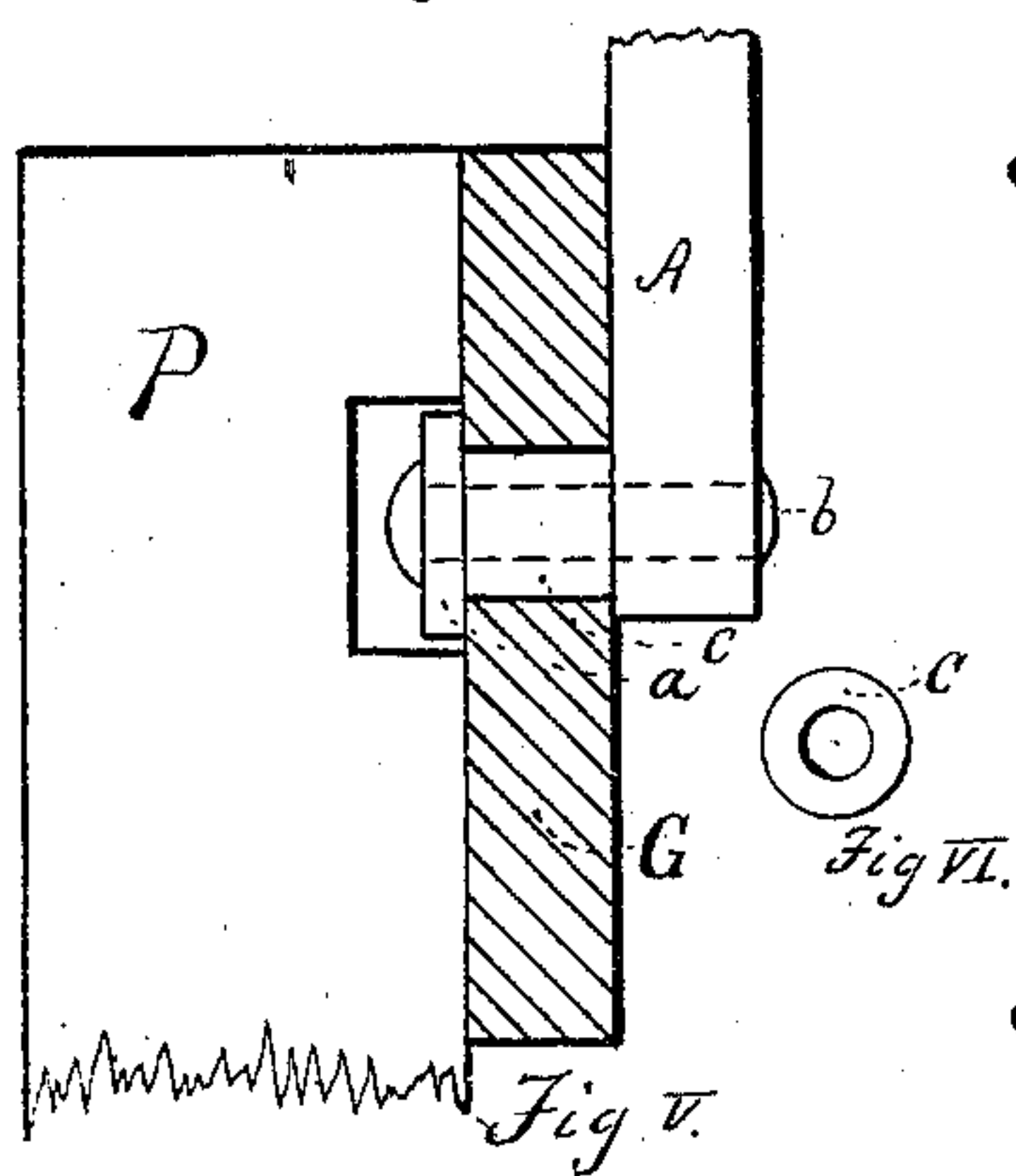


Fig III.

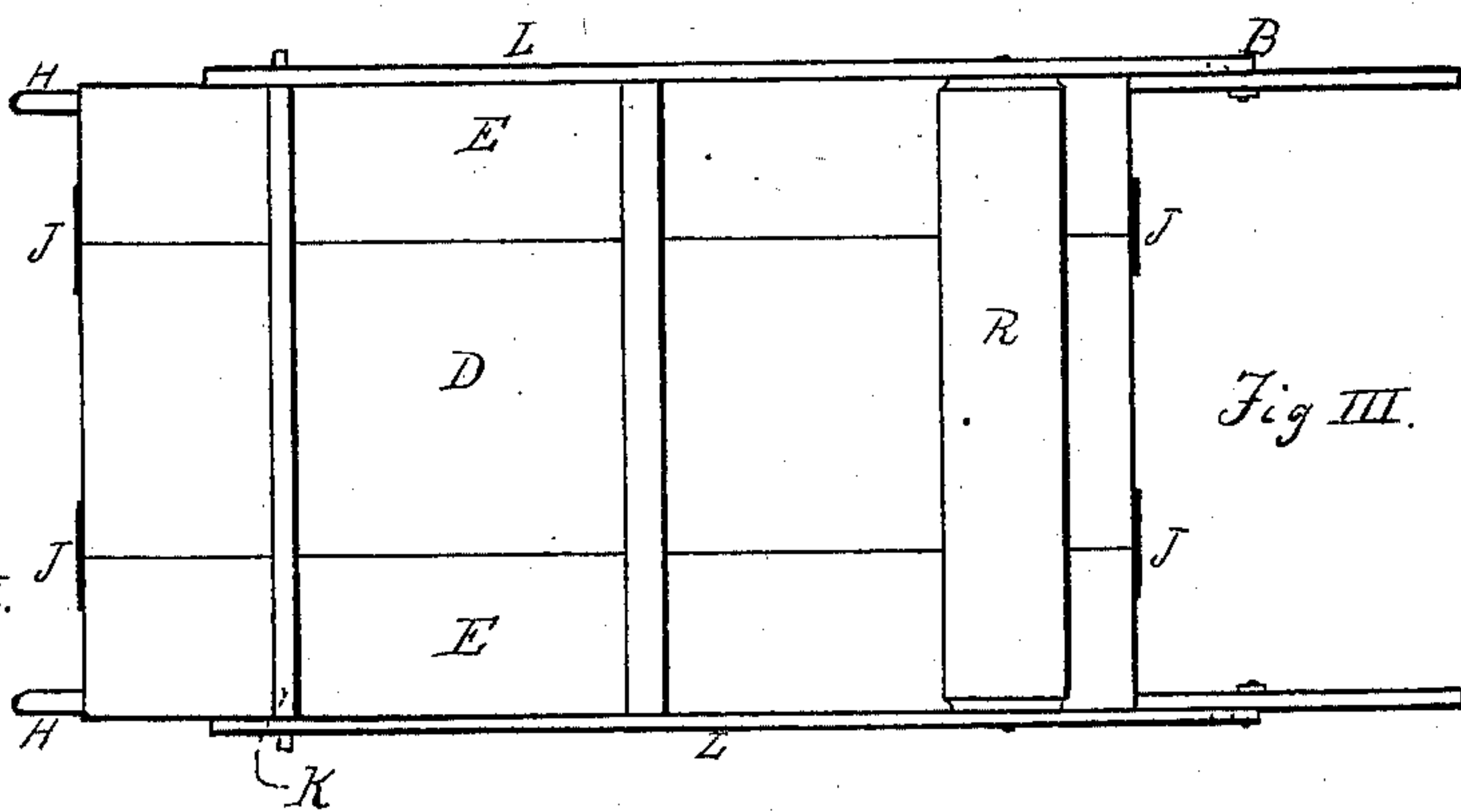


Fig IV.

Witnesses
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UNITED STATES PATENT OFFICE.

JESSE WASSON AND RICHARD T. HITT, OF LA PORTE CITY, IOWA.

MACHINE FOR WORKING BUTTER.

SPECIFICATION forming part of Letters Patent No. 286,879, dated October 16, 1883.

Application filed October 12, 1881. (No model.)

To all whom it may concern:

Be it known that we, JESSE WASSON and RICHARD T. HITT, of La Porte City, in the county of Black Hawk and State of Iowa, have
5 invented a new and useful Improvement in Butter-Working Machines, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

10 The object of our invention is to greatly facilitate and expedite the operation of working butter during its manufacture and preparation for market or use.

15 The invention consists of the novel construction hereinafter described and claimed.

In the drawings, Figure I is a perspective view of our improved butter-worker. Fig. II is a side elevation, Fig. III a plan view, and Fig. IV an end elevation, of the same;
20 and Figs. V and VI are detail views.

The stationary portion of the platform or working-table D is fastened upon the middle of a common frame, similar to that represented in the figures of the drawings, and the
25 leaves upon either side of said portion D are marked E E, and connected with the part D by four hinges, J J J J, and have handles H H at the outer back corners to aid in raising them when it is desired to throw the butter
30 into the middle of the table D. The top surface of the platform or working-table, when the leaves are open, is a plane surface with a slight incline forward to carry off the butter-milk or water from the butter, and to prevent
35 the water running over the lateral edges of the table, small grooves should be made near the edges of the leaves E E, as shown by *d d*, Fig. IV. The connecting-arms A are made of iron, one end of which is firmly bolted to
40 the levers L L, and have an eye at the other end, into which a bolt, *b*, is accurately fitted and headed. Before the bolt *b* is fastened upon the said arm A, a washer, *a*, and anti-friction roller *c* are put on said bolt *b*. The
45 whole, when put together, is placed in the groove S and then bolted to the end of the lever L, which carries the working-roller R.

It is evident from the construction of the lever L and its connection with the groove S
50 in the groove-board G, at the side of the machine, by the connecting-arms A, that the lever admits of a free motion backward and forward, or upward, at the option of the oper-

ator, and also the leaves E E being connected with the main or stationary portion of the
55 platform D by hinges J J J J admit of an easy swinging motion upon said hinges.

To prevent the butter from entering the joints between the leaves E E of the table and its middle portion, D, and also to facilitate
60 the proper drainage of the butter, a sheet of white cambric or flannel is to be fastened over the entire table, so that it can be removed from time to time, as occasion may demand.

The machine is operated by placing the
65 butter upon the center of the table and then working the roller R backward and forward, by taking hold of the hand-roller or handle K of the lever L, and at the same time bearing down upon the lever as much as may be
70 necessary for the proper working of the butter. When the butter has worked its way nearly to the outer edges of the table upon the leaves E E, it is thrown back upon the
75 central portion, D, by first raising the lever L, as shown at L', so as not to interfere with the swinging movement of the leaves E E. Then by raising either one or both of the leaves
80 E E to the position shown by dotted lines and marked H' E', or as much as may be necessary, the butter is thrown to the central part, where desired, and thus the operation is repeated until the butter is worked to the satisfaction of the operator.

We are aware that butter-workers have
85 been made before with a movable frame carrying a pressing-roller, and also that a butter-working table has been made with folding leaves, and we therefore do not broadly claim
90 such features.

We claim as our invention—

The combination of the platform having the stationary middle part, D, and folding leaves
95 E E, hinged at the sides thereof, and adapted to be turned up to throw the butter upon the middle part, the roller R, its carrying-leaves L L, and the slotted guides at the sides of the platform, in which friction-rollers attached to said levers move, substantially as shown and described.

JESSE WASSON.
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Witnesses:

M. L. NEWTON,
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