

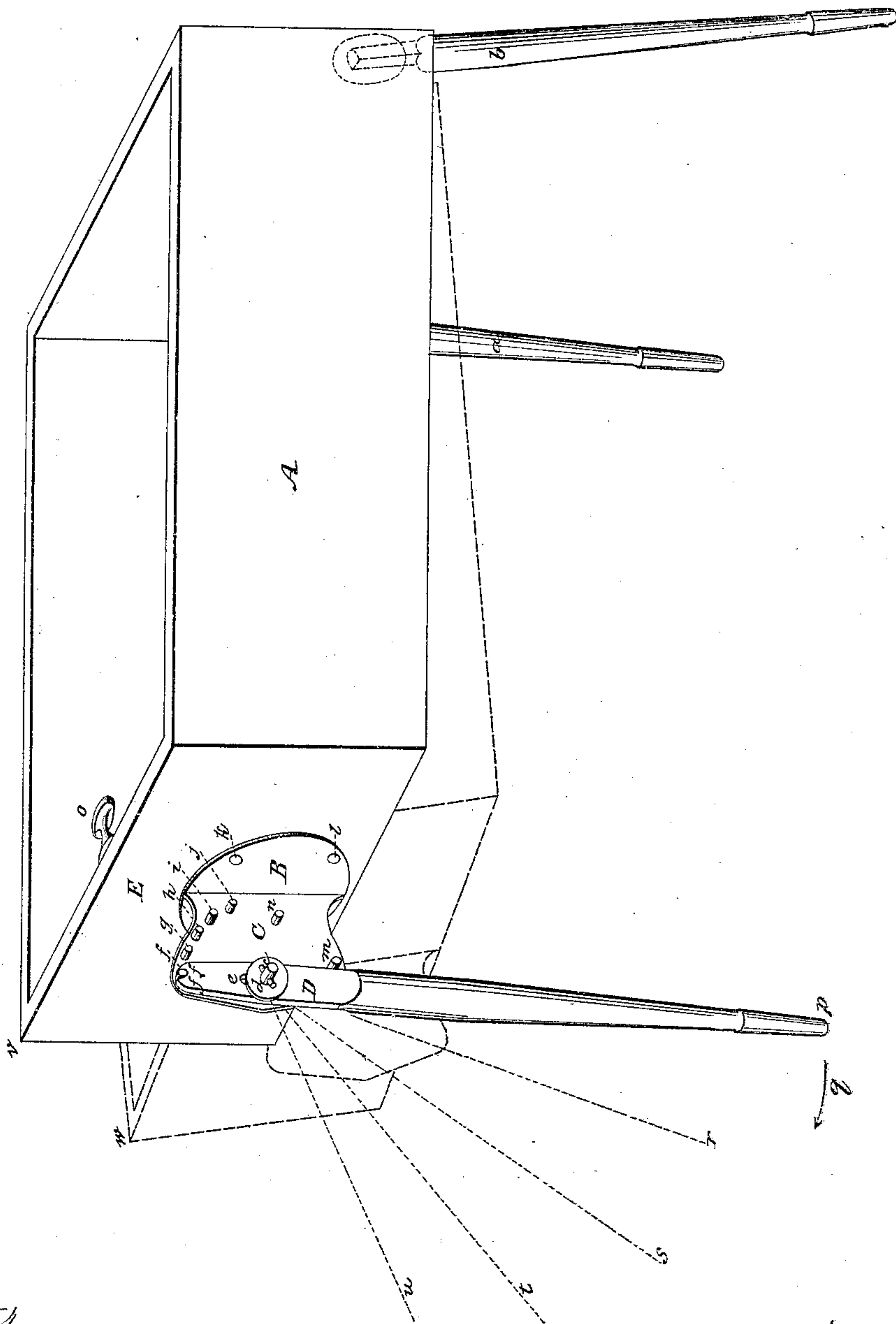
A. Westcott.

Cheese Vat.

No. 61,372.

Patented Jan. 22, 1867.

Fig. 1.



Witnesses:
J. M. Ballard
S. M. Hall

Inventor:
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United States Patent Office.

AMOS WESTCOTT, OF SYRACUSE, NEW YORK.

Letters Patent No. 61,372, dated January 22, 1867.

IMPROVEMENT IN CHEESE VATS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, AMOS WESTCOTT, of the city of Syracuse, in the county of Onondaga, and State of New York, have invented a new and useful Method of Adjusting Tables, Vats, Churns, or other structures, by attaching thereto an adjustable leg or legs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

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

A, Figure 1, in the accompanying drawings, represents an open vat or box, with legs, *a* and *b*, attached to one end in any convenient way. B represents a plate, of any convenient form, secured firmly to the other end of the vat or box, with a projecting plate, C, made at right angles with the plate B, to which is attached the leg D. The projecting plate C stands vertically, and is firmly attached to the plate D, or cast as a part of the same piece, and is provided with a centre spur or pivot, *c*, which passes through a slot, *e*, in the upper portion of the leg, to guide the leg and hold it to this plate. This plate is also provided with other smaller pivots, *f*, *g*, *h*, *i*, &c., for purposes to be hereafter described. The leg D has its upper portion made of metal, and lower portion of wood. The upper part is flattened so as to rest firmly against the plate C, and the lower part provided with a socket to receive the wooden portion of the leg. The extreme upper end is forked at *ff* in a manner to receive the spurs *f*, *g*, *h*, &c. There is an elongated hole or slot, *e*, through the centre of the flattened portion, its width corresponding with the diameter of the centre pivot *c*. The leg is held against the plate B by a pin passing through the centre pivot *c*, and pressing against the washer *d* with sufficient firmness to hold it securely to the plate, but still to admit of free motion of the leg up or down, or to turn about it as a centre. *o* is a handle or knob to raise the end of the vat to which it is attached. *n* is a spur on the plate C, set nearer the centre pivot *c* than the spurs *f*, *g*, *h*, *i*, *j*, and so close to the centre that the forked end of the leg cannot pass when the leg is carried at right angles with the end of the box. *m* is a pivot to stop the leg in the right position to have the fork *ff* embrace the pin *f* when the box is raised above a horizontal position.

Having now described in construction the several parts, I will proceed to describe their operation in attaining the end sought. It is evident that when the several parts above described are placed with respect to each other as represented in the cut, the end of the vat E would be held or supported firmly by the leg D; the leg being prevented from any lateral motion by the plate C and washer *d*. It is at the same time secured against moving toward or from the box by the two pivots *c* and *f*, the latter being held firmly in the fork *ff* at the upper end of the leg by the weight of the box. But when the end of the box is raised by taking hold of the handle *o*, the weight of the leg is sufficient to carry the leg down so that it hangs upon the pivot, resting upon the upper end of the slot *e*, and at the same time disengages it from its connection with the pivot *f*. The leg may now be moved so as to stand at any desirable angle with the end of the box, and can be fastened in such a position by pushing the leg upward so that the notch *ff* may embrace either of the corresponding pivot, and this is effected by simply letting the weight of the box rest upon the leg. When respective parts stand in the position represented in the drawings, the box is supposed to stand horizontally, but if the fork *ff* is changed so as to embrace the pivot *g*, the lower end of the leg will be moved in the direction of the arrows *q* to *r*; meanwhile the end of the box will be lowered so that the point *v* will stand at *w*. If the forked end of the leg is moved to the other pivots respectively, the position of the box will be indicated by the dotted lines. This device is applicable to all structures where it is desirable to raise or lower and firmly fix one end or side.

As to cheese vats, churns, butter workers, &c., what I claim, and desire to secure by Letters Patent, is—

The method above described of constructing, attaching, and rendering adjustable the leg D, substantially as and for the purposes set forth.

AMOS WESTCOTT.

Witnesses:

WM. R. BALLARD, Jr.,

S. M. NASH.