

L. Laurie,

Egg Beater.

No. 98,168.

Patented Dec. 21. 1869.

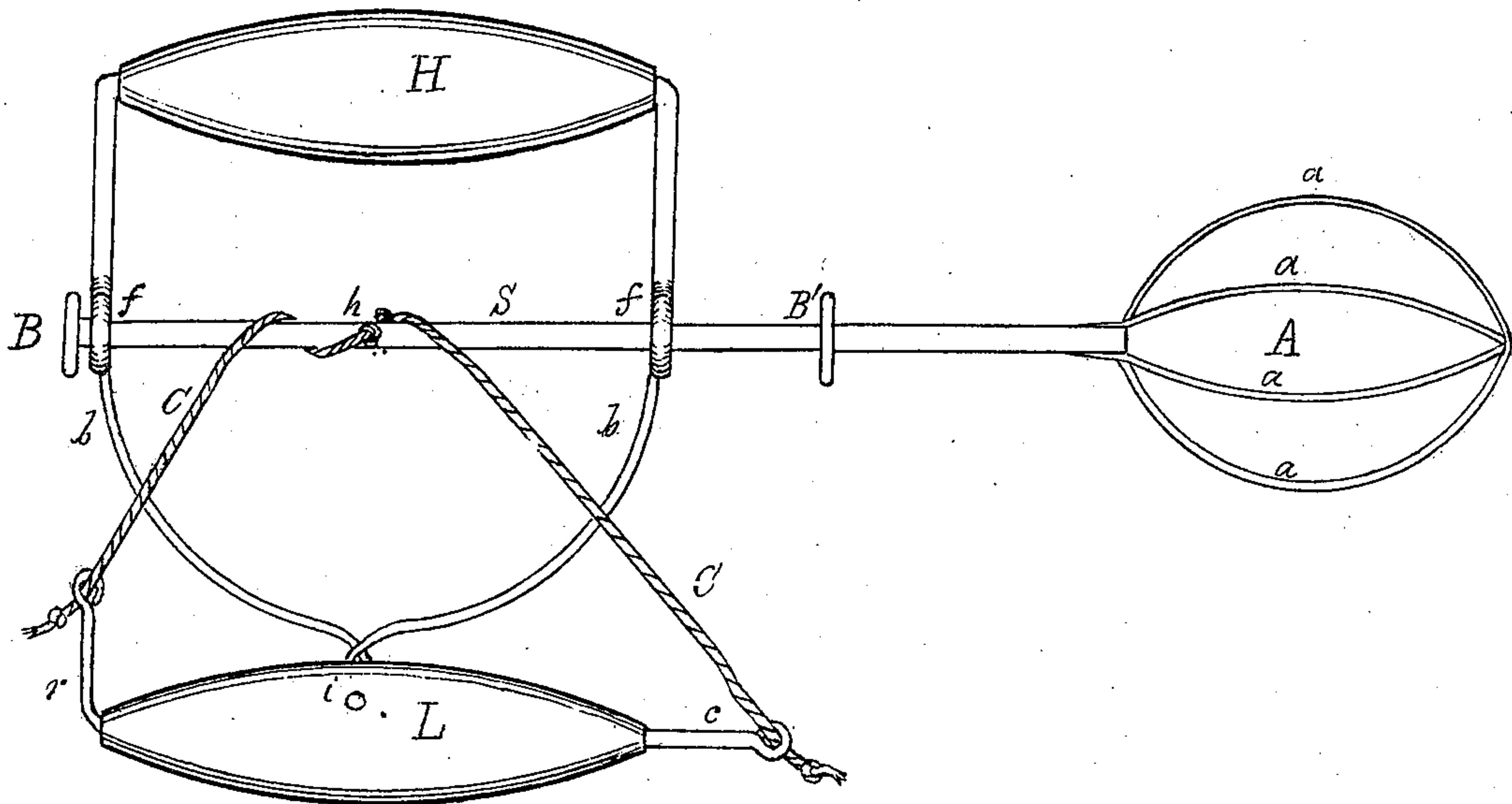


Figure 1.

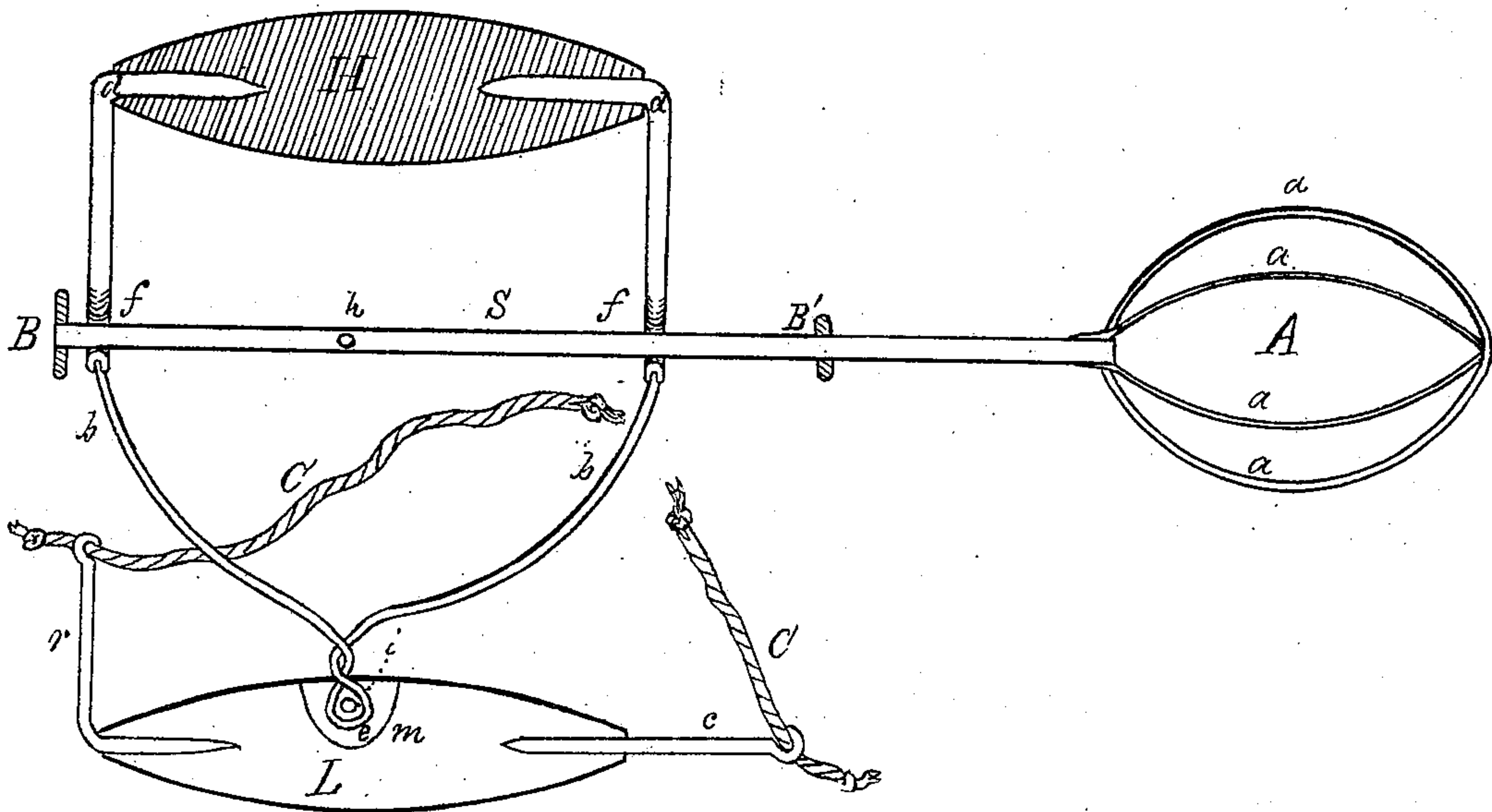


Figure 2.

Witnesses { *Amos*  
*Amos*

Inventor:  
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# United States Patent Office.

LINN LAURIE, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 98,168, dated December 21, 1869.

## IMPROVED EGG-BEATER.

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

I, LINN LAURIE, of the city of Washington, county of Washington, District of Columbia, have invented an Improved Egg-Beater, of which the following is a specification.

The first part of my invention relates to the construction of the frame of the egg-beater, in such form as to sustain the operative parts thereof, and also to be cheap and effective.

The second part of my invention relates to the construction and operation of the operative parts, in such a manner as that with my beater, eggs, batter, and other semi-fluid substances, may be thoroughly agitated and subdivided, by the expenditure of but a small degree of force, by which both a circular and perpendicular motion are given to the shaft of the beater.

For illustration of the construction and operation of my invention, reference is here made to the accompanying drawings.

Figure 1 represents a plan view of it.

Figure 2 represents a horizontal sectional view.

To enable others to make and use my invention, I will proceed to describe it more in detail, always having reference to the said drawings.

The handle H may be made of wood, or any other suitable material, and its rods, *f f*, and the braces *b b*, with its loop or eye *e*, may be made of any suitable metal.

The rods *f f*, braces *b b*, and eye *e* may be made in one piece, of wire, provided the form shown is preserved, and the circular bearings at the points *f f* are furnished, for the revolving and vertical motion of the shaft S.

The mortise *m* is made in the lever, in order that the eye, or the loop *e*, may be inserted in the same, and have play-room therein upon the pin *i*, when the implement is in operation.

The shaft S is a cylindrical rod of metal, provided with two buttons, B B', which merely serve to prevent its extending lengthwise, either way, any further than desired; and a hole, *h*, for the insertion of the cord, and upon the further end of the shaft may be fixed any desired number of beaters *a a a a*.

When the shaft S is extended through the frame,

so that the button B abuts against the frame, the hole *h* should be located midway between the points *f f*.

The rods *r c* may be both straight, or one of them bent at right angles to the lever, as the rod *r* is shown to be. The cord C is then inserted through the hole *h*, and a knot tied in it on each side of the shaft, or any other suitable means used to prevent the cord from passing back and forth through the hole while the implement is in use. The cord, after being inserted through the hole *h*, may be twisted a turn or two around the shaft on each side of the hole, before its ends are fastened to the ends of the lever.

The operation of the machine is so simple, that a word of explanation is scarcely necessary. The operator may take the handle H in his left hand, and the lever L in his right, and when the beaters *a a a a* have been immersed in the eggs or batter, in a pan or other like vessel, then, by alternately raising and depressing the forward end of the lever, it is made to revolve alternately to the right and left, and at the same time to move endwise, back and forth, alternately, so as greatly to increase the effect of the machine in quickly and thoroughly agitating and breaking up the egg, batter, or other substance.

The principal ingredient of value in this little machine, aside from its cheapness and simplicity, is the production by it of the combination of the revolving, and the perpendicular and reciprocating motion of the shaft and beater, by so simple and so slight an exertion of force by the hand upon the lever.

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

1. The frame, composed of the handle H, the rods *f f*, and braces *b b*, in combination with the lever L, with its rods *c r*, pin *i*, and cord C, to produce the double or compound motion described, when constructed and arranged substantially as described.

2. The described lever, with its parts, including the cord C, and the described frame, when in combination with the described shaft S, and its parts, when constructed and arranged substantially as described.

Witnesses:

LINN LAURIE.

EDM. F. BROWN,

R. H. MARSH.