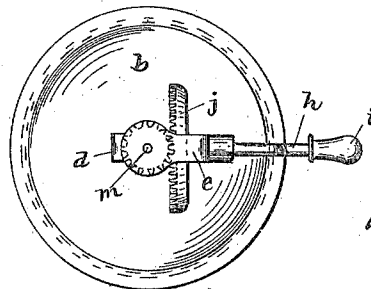
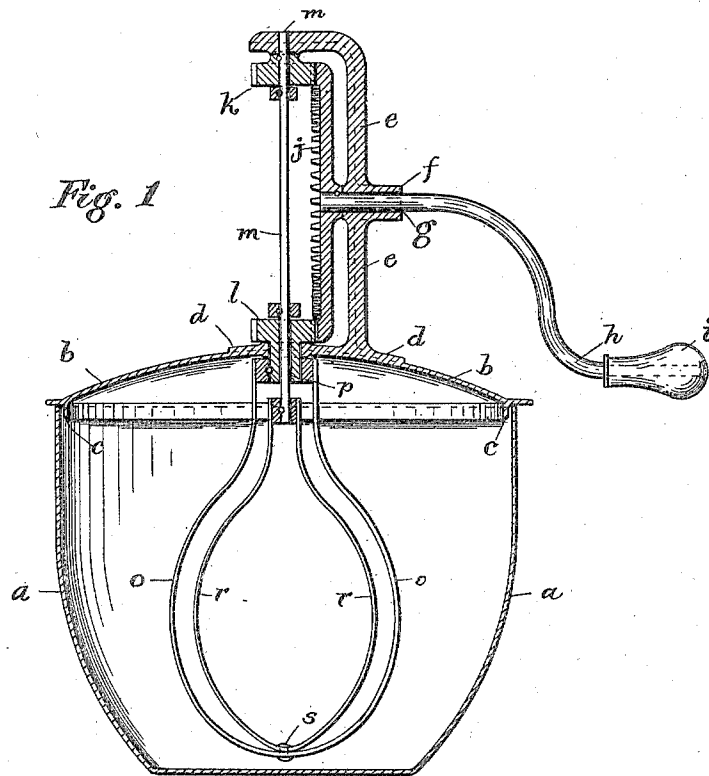


C. W. FISHER.
EGG BEATER.
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948,214.

Patented Feb. 1, 1910.



Witnesses:
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Att'y

Fig. 2

UNITED STATES PATENT OFFICE.

CHARLES W. FISHER, OF EPPING, NEW HAMPSHIRE.

EGG-BEATER.

948,214.

Specification of Letters Patent.

Patented Feb. 1, 1910.

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To all whom it may concern:

Be it known that I, CHARLES W. FISHER, a citizen of the United States, residing at Epping, in the county of Rockingham and State of New Hampshire, have invented an Improvement in Egg-Beaters; and I hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to egg beaters and consists in means whereby eggs or other substances while being operated upon by the beater may be confined to the vessel in which they are contained and not allowed to be thrown therefrom by the action of the beater.

In the drawing: Figure 1 is a vertical transverse section of my improved egg beater, the beaters and handle being shown in side elevation, and Fig. 2 is a top plan.

Referring to the drawing, *a* represents a circular vessel in which the eggs, or other substances, are beaten.

b is the circular cover, preferably curved or domed, and provided with a ledge *c* of uniform distance from the outer edge, the diameter of which is slightly less than the diameter of the vessel *a*.

d is a plate adapted to be secured to the upper side of the cover *b* either by rivets or solder, or other convenient method. To this plate is rigidly fixed the standard *e*, the upper end of which is bent at right angles so that a portion of it will depend over the center of the cover *b*. Through an appropriate journal *f* in the standard *e* passes the shaft *g*, one end of which is provided with a crank *h* and handle *i*. To the other end of the shaft *g* is fixed the gear wheel *j* which intermeshes with the small gear wheels *k*, *l*, see Figs. 1 and 2, the upper of which, *k*, is carried upon the shaft *m* which is properly journaled in the bent portion of the standard *e* and passes down through the center of the gear *l*. The gear *l* which is carried upon the top of the shaft *p* is in turn journaled in the center of the top of the cover *b*. To the shaft *p* is rigidly attached in any appropriate manner the loop or beater *o*, while to the lower end of the shaft *m* is attached the loop or beater *r*.

These loops or beaters *o*, *r*, are pivoted together at their lower surfaces in the usual manner at *s*.

The operation of this device will be readily perceived. The article to be beaten is placed in the vessel *a*, the cover carrying the beater and mechanism described is placed in position upon the top of the vessel and the operation conducted in the ordinary manner, the cover being held in position by one hand of the operator, while the other is used to impart power to the machine. The substance being treated is thus securely retained in the beating vessel without loss or other annoyance.

What I claim is:

A combined cover and egg beater, consisting of a cover adapted to rest on the upper edge of a vessel and provided with a flange adapted to enter said vessel, a bent bracket secured to said cover and having an extended foot passing over the center thereof, said bracket being provided with a plurality of shaft bearings, an operating shaft centrally journaled in said bracket, a gear wheel mounted on said shaft, said cover being provided with a central perforation and the bracket foot being provided with a perforation registering therewith, a lower gear wheel meshing with said first named gear wheel and provided with a central extension passing through the perforations in said bracket foot and said cover, beater arms secured to said extension, a shaft passing centrally through a perforation in said gear wheel, and a perforation in the bent upper arm of said bracket, beater arms secured to one end of said shaft, a gear wheel secured to said shaft near its other end and meshing with said first named gear wheel, and stops on said shaft above and below said second and third named gear wheels, respectively, to keep them in mesh with said first named gear wheel, substantially as described.

In testimony whereof, that I claim the foregoing as my invention I have hereunto set my hand this twenty-fourth day of September, A. D. 1907.

CHARLES W. FISHER.

Signed in presence of—

GEO. E. BIRD,
A. C. BERRY.