

(No Model.)

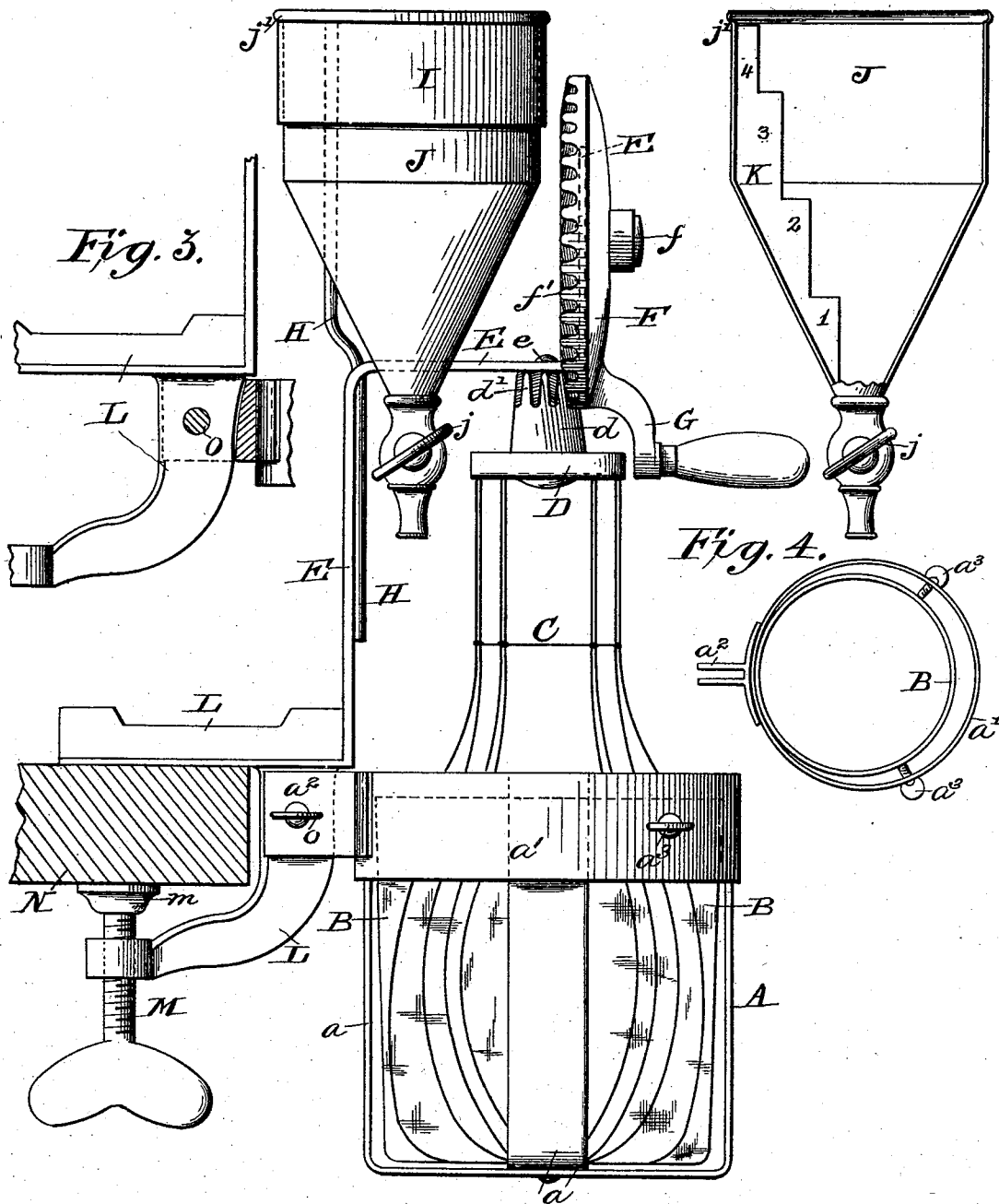
J. DE WITT HARVEY.
MAYONNAISE MIXER.

No. 506,635.

Patented Oct. 10, 1893

Fig. 1.

Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JENNIE DE WITT HARVEY, OF WILKES-BARRÉ, PENNSYLVANIA.

MAYONNAISE-MIXER.

SPECIFICATION forming part of Letters Patent No. 506,635, dated October 10, 1893.

Application filed March 22, 1893. Serial No. 467,140. (No model.)

To all whom it may concern:

Be it known that I, JENNIE DE WITT HARVEY, a citizen of the United States of America, residing at Wilkes-Barré, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Mayonnaise-Mixers, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improved culinary utensil designed for use in mixing the ingredients of mayonnaise. Heretofore the mixing of mayonnaise has involved considerable labor and skill, inasmuch as the mixing of the ingredients has been done entirely by hand. Constant beating of the yolks of the eggs had to be kept up during the introduction of the oil, the latter being poured into the vessel from a bottle. Great care had to be exercised in adding the oil, for if too much were put in or the beating were not maintained sufficient to thoroughly incorporate it with the other ingredients the dressing would be spoiled. By my invention the whole operation can be easily and expeditiously performed. The agitation requires but little effort, danger of admitting too much oil is avoided, and the thorough incorporation of that ingredient with the others is assured.

The invention will first be described in connection with the accompanying drawings, and then pointed out in the claims.

Figure 1 is a front elevation of my apparatus. Fig. 2 is a vertical central section of the oil-reservoir, showing the scale inside. Fig. 3 is a broken detail view showing the manner of detachably securing the cup-holder to the beater-bracket. Fig. 4 is a plan view, on a reduced scale, of the cup-holder and cup, showing the means for steadying the latter, and also the lug by which the holder is removably attached to the beater-bracket.

Referring to the drawings, A is the cup-holder, composed preferably of two strips *a* of thin metal bent into U shape, placed at a right angle to each other, and secured together at the bottom, the upper ends of these strips being encircled by a band *a'*, also of thin metal. To this band is secured a bifurcated perforated lug *a²*, for a purpose hereinafter stated.

B is the cup, of glass or other suitable material, steadied in the holder by means of thumb-screws *a³* passed through the band *a'* and bearing against the cup, as clearly seen in Fig. 4.

C is a series of thin elastic wires, each having a return bend, and secured at their upper ends in a disk D, having on its upperside a thimble-shaped projection *d*, in whose upper end is formed a series of teeth *d'*. The disk is suspended from a support E, consisting of a flat bar of metal, by a stud *e*, on which latter the disk is journaled.

F is a gear-wheel, journaled on a stud *f* fixed in support E, and provided with a crank-handle G, the teeth *f'* of this wheel being in mesh with the teeth *d'* on the disk.

The wires, the disk by which the wires are carried, and the described means for imparting rotary motion to the disk constitute a beater old in the art, and therefore no claim is made herein to the beater *per se*.

H is a standard, secured at its lower end, preferably by soldering, to support E; and I is a metal ring secured to the upper end of said standard.

J is a cylindrical oil-reservoir, the lower portion of which is funnel-shaped, as shown, and provided with a stop-cock *j*. To the inner side of the reservoir is secured edgewise a thin strip of metal K, whose free edge is stepped, as at 1, 2, 3, and 4, to serve as a gage for indicating when the required quantity of oil has been placed in the reservoir. The reservoir is supported in the ring I by an outward-turned rim *j'* on the former engaging with the upper edge of the latter.

L is a two-armed clamping-bracket, to which support E is secured at its lower end. Through the lower arm of the bracket is passed a thumb-screw M for securing the apparatus to a table N, the upper end of the screw carrying a bearing-plate *m*. The cup-holder is secured to the bracket by passing its bifurcated lug *a²* over the lower arm and inserting a thumb-screw *o* in the holes in the lug and arm.

The operation of my mayonnaise-mixer is very simple. The yolks of the eggs, salt, mustard, and pepper are first placed in the cup and whipped by the beater, the cock *j* of

the reservoir being then turned so as to let the oil (the required quantity of which having been previously placed in the reservoir) pass into the cup drop by drop, after which the
 5 beater is again put in motion by turning wheel F. When the mass begins to thicken the oil may be allowed to flow in a thin stream until all in the reservoir has run into the cup. The vinegar is then added and
 10 thoroughly mixed with the other ingredients, when the dressing is ready for use. The cup-holder may then be disengaged from the bracket and the cup taken out.

Having thus described my invention, what
 15 I claim as new, and desire to secure by Letters Patent, is—

1. A mayonnaise-mixer having a beater, a cup within which the beater-wires operate, means for holding the cup removably in po-
 20 sition, and an oil-reservoir suspended above the cup, said reservoir being provided with means for regulating the flow of the oil into the cup.

2. In a mayonnaise-mixer, the combination,
 25 with a beater provided with a clamping-bracket, of a cup-holder removably secured to said bracket, a cup within the holder, and an oil-reservoir provided with a stop-cock and

arranged to discharge its contents into the cup, for the purposes stated. 30

3. In a mayonnaise-mixer, the combination, with a beater provided with a clamping-bracket, of a cup-holder removably secured to said bracket, a cup within said holder, means for steadying the cup, and an oil-res- 35
 ervoir provided with a gage and means for regulating the outward flow of the oil, said reservoir being so arranged as to discharge its contents into the cup, for the purposes set forth. 40

4. A mayonnaise-mixer comprising a rotary beater, a bracket for clamping the beater to a table or like support, a cup-holder remov- 45
 ably secured to the bracket, a cup within said holder, means for steadying the cup, a stand-
 ard secured to the beater and carrying a ring at its upper end, and an oil-reservoir carried by said ring, said reservoir being provided with a gage and a stop-cock, all substantially 50
 as described.

In testimony whereof I affix my signature in presence of two witnesses.

JENNIE DE WITT HARVEY.

Witnesses:

W. S. PARSONS,
 H. H. HARVEY.