

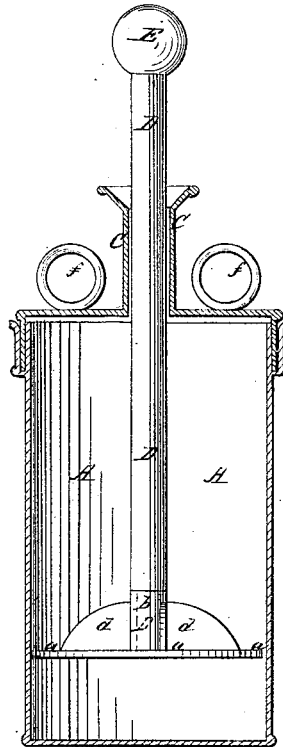
W. B. Smith,

Egg-Beater.

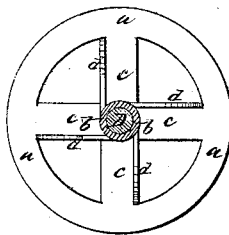
N^o 5,758.

Patented Dec. 26, 1865.

Fig. 1



Figs.



Witnesses.

*J. W. Cronin
L. Holmes for*

Inventor.

W. B. Smith

UNITED STATES PATENT OFFICE.

WILLIAM B. SMITH, OF NEW YORK, N. Y.

EGG-BEATER.

Specification forming part of Letters Patent No. 51,758, dated December 26, 1865.

To all whom it may concern:

Be it known that I, WILLIAM B. SMITH, of the city, county, and State of New York, have invented a new and useful Improvement in Egg-Beaters; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a partial vertical section of the entire apparatus. Fig. 2 is a detached plan or top view of a portion of the invention.

Similar letters of reference indicate corresponding parts in both figures.

This invention consists in a novel arrangement of the parts composing the beating or agitating devices by which the desired object is accomplished.

To enable those skilled in the art to understand the construction of my invention, I will proceed to describe it.

The working parts of the apparatus are placed in a suitable vessel, A, of cylindrical or other form, and provided with a cover, B, fitted closely upon it, and having a hollow cylindrical neck, C, through which passes the vertical reciprocating rod D. Upon the upper end of this rod is a knob, E, which is grasped by the hand in operating the apparatus. At the lower end of this rod are beating or agitating blades, which are formed as follows:

a is a flat metallic ring nearly equal in diameter to the vessel A, and connected with the ferrule *b* by the flat bars *c*. In each of the an-

gles formed by the ferrule *b* and the bars *c* is an upright triangular knife, *d*. The ferrule *b*, bars *c*, ring *a*, and knives *d* are all formed in one piece, and the rod D, which may be of wood, is secured to them by having its lower end firmly inserted in the ferrule *b*. It is preferable that the vessel A be made of glass; but it may be constructed of sheet metal or other material, if desired. The cylindrical neck C is designed not only to keep the rod D steady during its reciprocating movements, but to prevent the contents of the vessel A from escaping around the same. The rings *f*, attached to the cover B, are designed to facilitate its removal, when necessary, from the vessel.

Such being the construction of the apparatus, it will be seen that when the eggs (of course divested of their shells) are placed in the vessel A and a reciprocating motion given to the rod D the variously-shaped beating-blades at the bottom thereof will cut and agitate the liquid eggs and thus beat them to any desired consistency.

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

The beating or agitating device consisting of the ring *a*, bars *c*, and knives *d*, all arranged and combined with the rod D passing through the cover, substantially as herein specified, for the purpose described.

WM. B. SMITH.

Witnesses:

J. W. COOMBS,
A. LE CLERC.