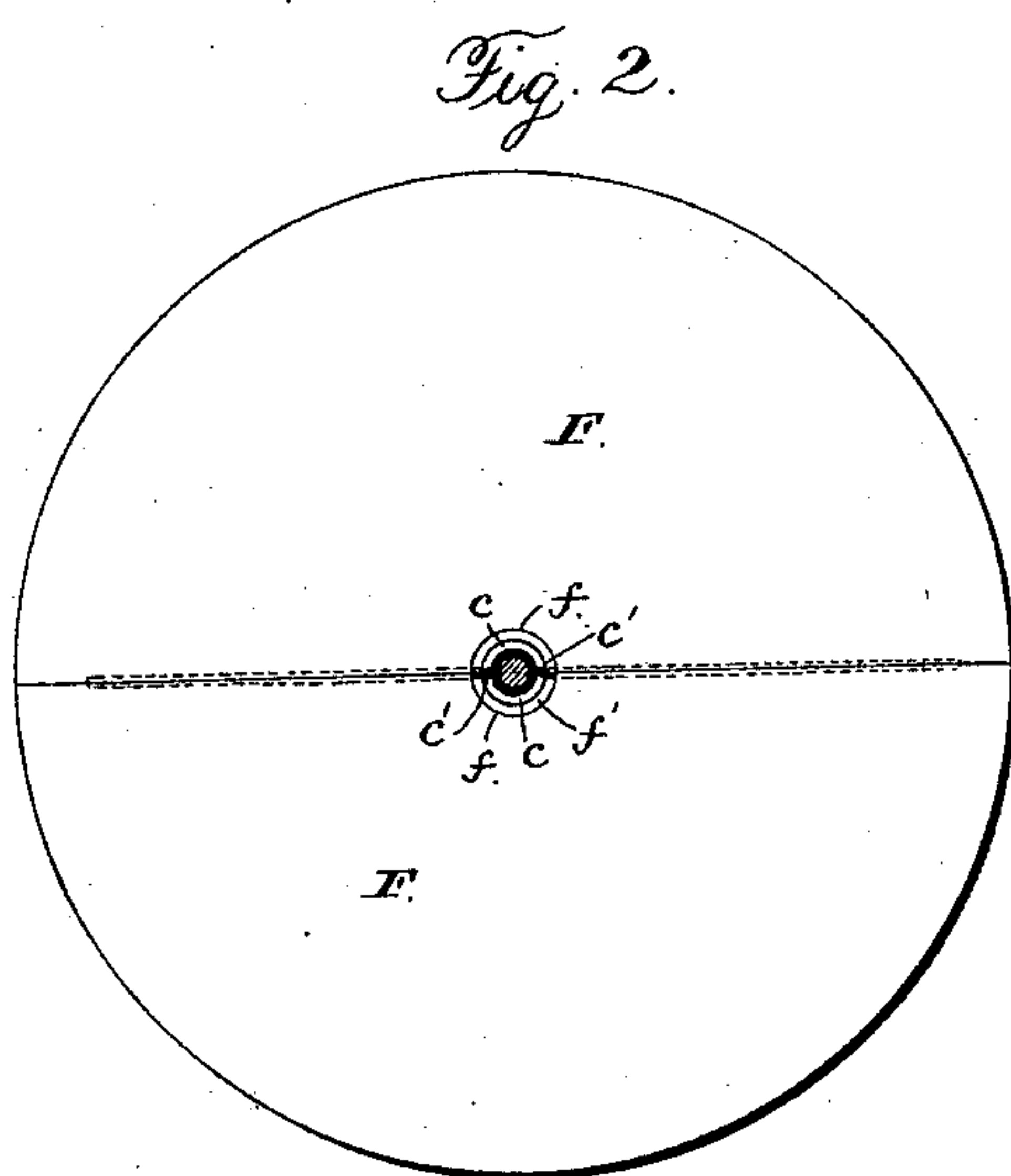
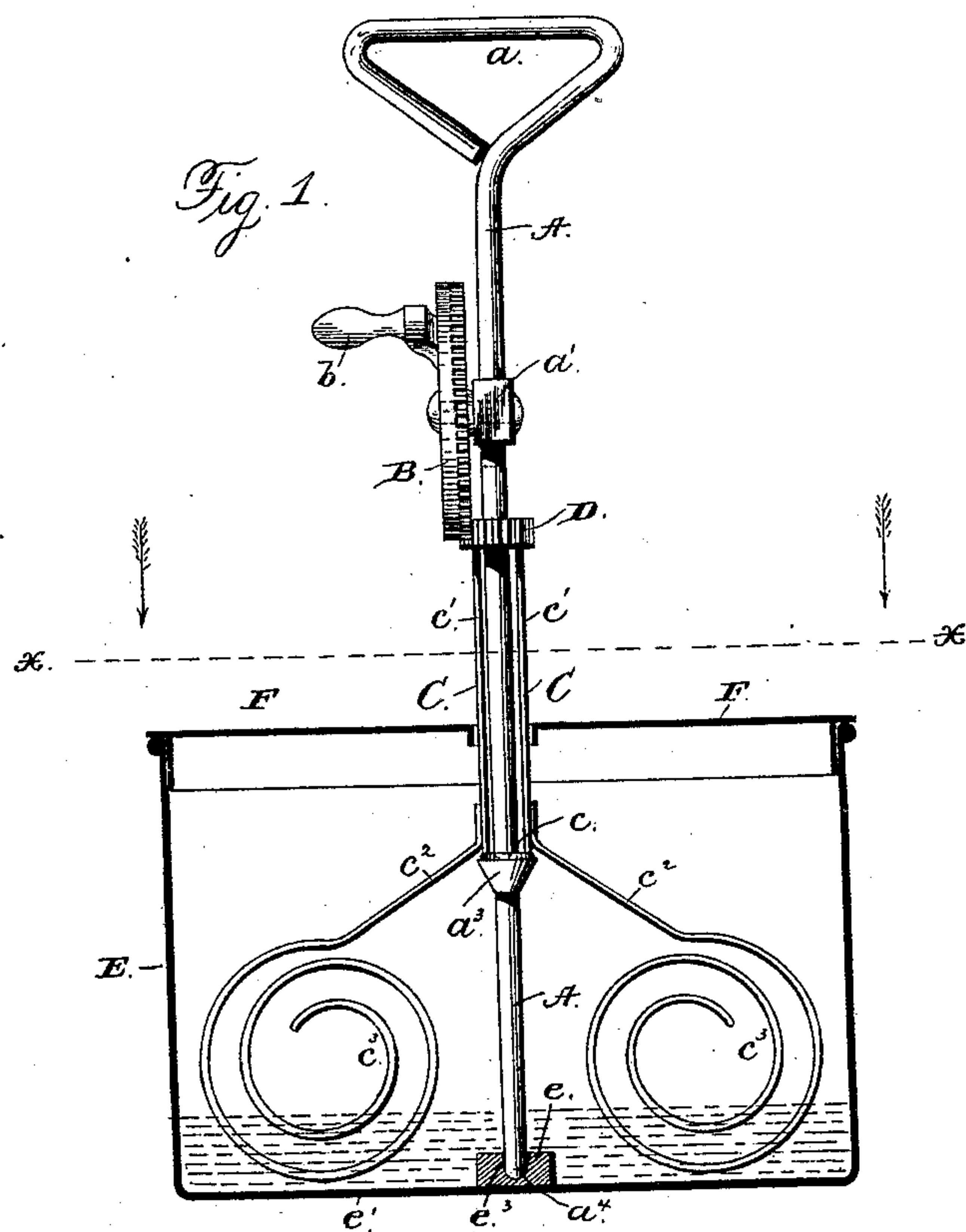


(No Model.)

F. HALLAM.
EGG BEATER.

No. 424,108.

Patented Mar. 25, 1890.



Witnesses:
Marcellus Green
S. S. Calhoun

Inventor:
Frank Hallam

UNITED STATES PATENT OFFICE.

FRANK HALLAM, OF JACKSON, MISSISSIPPI.

EGG-BEATER.

SPECIFICATION forming part of Letters Patent No. 424,108, dated March 25, 1890.

Application filed June 26, 1889. Serial No. 315,613. (No model.)

To all whom it may concern:

Be it known that I, FRANK HALLAM, of Jackson, in the county of Hinds and State of Mississippi, have invented certain new and useful Improvements in Egg-Beaters; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical central section of my egg-beater and receptacle, and Fig. 2 is a cross-section on line $x x$ of Fig. 1.

My invention relates to an improvement in egg-beaters, the object of the same being to provide a beater-receptacle adapted to removably support the egg-beaters in operative position.

A further object is to simplify the present construction of egg-beaters and provide one that can be readily and quickly operated and one that can be instantly removed from and placed in position within the receptacle which supports the same.

With these ends in view my invention consists in certain details in construction and combinations of parts, as will be more fully described, and pointed out in the claims.

In the annexed drawings, A represents a rod provided upon its upper end with a handle a and having its lower end rounded, for the purpose hereinafter specified. A short distance below the handle a the rod A is enlarged, and from one side of such enlargement projects a pin a' , upon which revolves a gear-wheel B by means of a crank-arm b . The rod A is enlarged at a^3 to form a bearing for the pinion-supporting frame C, consisting of a wire ring c and two vertical wires c' c' , that extend upward from said ring c in close proximity to the rod and support upon its ends the pinion D, that is loosely arranged upon the rod A and meshes with the gear-wheel B. Said frame with its pinion D rotates upon the rod A. Soldered or otherwise fastened to each wire c' c' , near the ring c , is a second wire c^2 , that extends outwardly and downwardly a short distance, when it is coiled to form a circular beater c^3 , as shown in Fig. 1.

For use with my egg-beater, I provide a receptacle or vessel E, that is provided at e , upon its bottom e' , with an enlargement e^2 , that contains a socket e^3 , into which is placed the lower rounded end a^4 of the rod A, said socket acting as a bearing for said rod. The vessel E is provided with a cover F, that is made in two parts, each half-cover having a semi-circular opening f , that forms a circular opening f' when in place upon the vessel.

To use my device, the lower rounded end of the rod A is placed in the socket e^3 , and after the eggs to be beaten are placed in the vessel the cover is put in position on the receptacle, the opening f' receiving that portion of the apparatus just above the point where the beater-wires c^2 are attached to the vertical wires c' , as seen in the drawings. Now, by turning the crank-arm in either direction the gear-wheel B is revolved, which in turn rotates the pinion D, frame C, and beaters c^3 , which are securely fastened together. The beaters c^3 present a broad beating-surface, and therefore accomplish their work speedily and well. The wires forming the beaters c^3 are capable of being bent at will to increase or decrease their distance from the rod A.

My combined beater and receptacle is always ready for use, is simple in construction, easily operated, and very efficient.

Having described my invention, what I claim is—

1. In an egg-beater, the combination, with a rod having a lower bearing at a point above its lower end, and a driving gear-wheel mounted on an upper bearing carried by said rod, of an elongated metal frame resting on said lower bearing, a pinion secured to the upper end of said frame and meshing with the driving gear-wheel, and the flexible arms secured to the lower end of said frame and projecting below the same, substantially as described.

2. In an egg-beater, the combination, with a rod having a bearing at a point above its lower end, and a driving gear-wheel mounted on a bearing carried by said rod, of an elongated metal frame resting on said step or

bearing, a pinion secured to the upper end
of said frame and meshing with the driving
gear-wheel, and the flexible arms secured to
the lower end of said frame and projecting
5 below the same in a coiled form, substantially
as shown and described.

In testimony that I claim the foregoing I

have hereunto set my hand this 20th day of
June, 1889.

FRANK HALLAM.

Witnesses:

MARCELLUS GREEN,
S. S. CALHOUN.