H. C. MANN.

Egg-Beater.

No. 206,742. Patented Aug. 6, 1878.

Fig: 1.

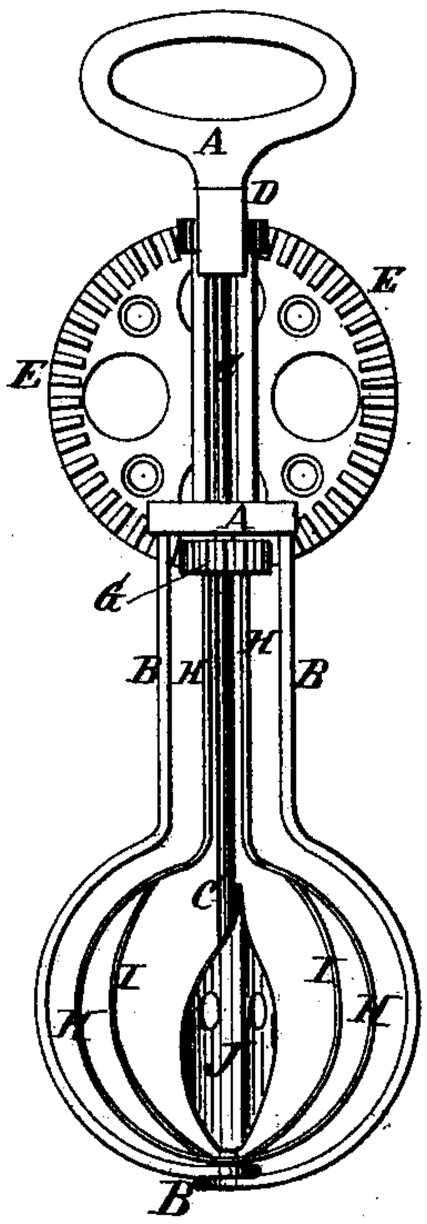
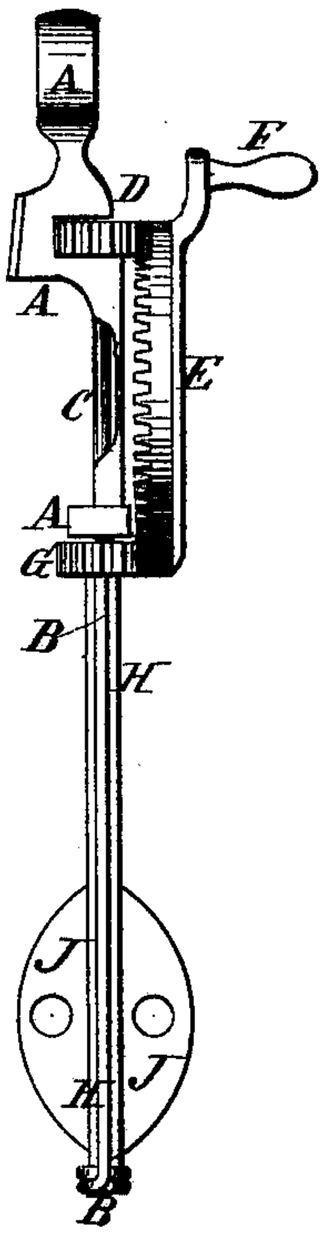


Fig: 2.



WITNESSES:

Achilles Schehl.

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INVENTOR:

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UNITED STATES PATENT OFFICE.

HARRY C. MANN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN EGG-BEATERS.

Specification forming part of Letters Patent No. **206,742**, dated August 6, 1878; application filed July 11, 1878.

To all whom it may concern:

Be it known that I, HARRY CURTIS MANN, of Philadelphia, (Frankford P. O.,) in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Egg-Beaters, of which the following is a specification:

Figure 1 is a side view of my improved machine. Fig. 2 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

The essential feature of the present invention is the spiral disk, forming screw or propeller shaped blades, for the object heretofore stated.

I am aware that an egg-beater has been constructed of a stationary frame and a revolving frame operated by means of bevel-gearing.

The object of this invention is to furnish an improved egg-beater which shall be so constructed as to beat the eggs rapidly and thoroughly, and without throwing them out of the dish, and which, at the same time, shall be simple in construction and convenient in use.

The invention consists in an egg-beater formed of the handle, the bent wire, the rod, the two small gear-wheels, the large crank gear-wheel, the bent strip, the short curved strips, and the perforated spiral disk, as hereinafter fully described.

A represents the handle, upon the lower end of the shank of which is formed a cross-head having the ends of a wire, B, attached to its end parts. The end parts of the wire B are parallel, its middle part is bent into circular form, and its center is bent into a coil to form an eye, to receive the lower end of the rod C. The rod C passes up through a hole in the cross-head of the shank of the handle A, through a groove in the side of the said shank, and through a hole in an offset formed in its upper part. To the upper end of the rod C, in the offset formed in the upper part of the handle-shank, is attached a small gear-wheel, D, the teeth of which mesh into the teeth of the large gear-wheel E. The gear-wheel E is pivoted to the middle part of the handle-shank, and to it is attached a crank-pin, F, to serve as a handle for operating the beater. G is a small gear-wheel, which revolves loosely upon the rod C at the lower end of the shank of the handle A, and the teeth of which mesh into the teeth of the gear-wheel, E. To the lower side of the small gear-wheel G are attached the ends of a narrow strip, H, of sheet metal. The end parts of the strip H pass down upon the opposite sides of and parallel with the rod C. Its middle part is bent into circular form concentric with the circular part of the wire B, and in its center is formed a hole, through which the lower end of the said rod C passes. In the side parts of the circular middle part of the strip H are secured short curved strips I, as shown in Fig. 1. To the lower part of the rods C is attached a circular disk, J, which has holes formed through it, and is bent into spiral form in such a direction as to force the eggs downward and outward, so that they will not be thrown out of the dish in which they are being beaten.

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

The revolving shaft C, having the spiral disk J, forming screw or propeller shaped blades, in combination with the handle A, bent wire B, having bottom eye, the revolving beater H I, and the gearing D E G, substantially as and for the purpose set forth.

HARRY CURTIS MANN.

Witnesses:
GEORGE MCKEEVER,
ROBT. S. DE BOW.