

DAVID MUNSON.

Improvement in Egg Beaters.

No. 124,375.

Patented March 5, 1872.

Fig. 1.

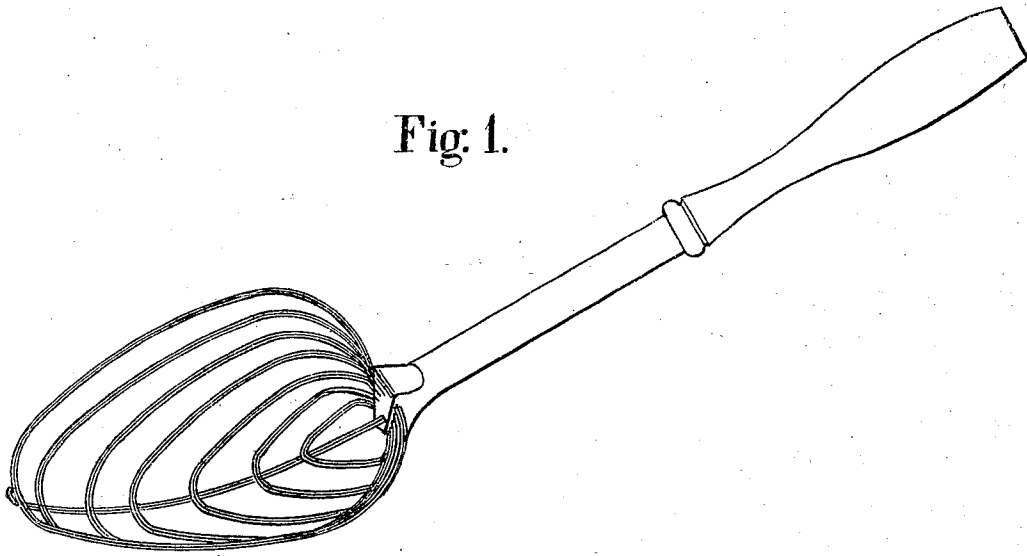
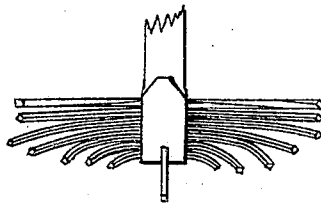


Fig. 2.



WITNESSES:

Wm. B. Dyer.
L. B. Wynne, Jr.

INVENTOR:

David Munson
by *Johnson, Klauke & Co.*
his attorneys

UNITED STATES PATENT OFFICE.

DAVID MUNSON, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN EGG-BEATERS.

Specification forming part of Letters Patent No. 124,375, dated March 5, 1872; antedated February 28, 1872.

I, DAVID MUNSON, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in Egg-Beaters, of which the following is a specification:

My invention consists in forming a skeleton agitator of egg-beaters of angular wire, which presents on a solid body many beating, displacing, and cutting surfaces to the substance to be beaten, and thus performs the operation more quickly and effectively.

In the accompanying drawing, Figure 1 is a perspective view of an egg-beater, showing my improvement, and Fig. 2 is a cross-section of the skeleton agitator of the same.

The more surfaces and sharp angles are presented to a substance to be beaten the more effectually the operation will be performed, as the agitation of the substance is thereby rendered more violent, and consequently more thorough, than if either round or merely flat surfaces are used, which latter move more smoothly through the substance, so that rapidity of motion has to counterbalance lack of surface. I obtain a large number of surfaces by means of forming the skeleton agitator A of an egg-beater of angular or square wires, or wires with sharp edges, *a*, to the effectiveness of which I add still more by twisting them slightly, although this last feature is not absolutely requisite. I have shown one of the simplest forms of egg-beaters, being in spoon-shape, and consisting of the skeleton agitator A on the ferrule B and handle C, the agitator being formed of square angular wire with four surfaces. But it will be readily understood that triangular or other shaped angular wire may

be used with equal results, and that my invention may be applied to egg-beaters of any shape or kind whatever. The many surfaces and sharp angles are formed on a solid body in contradistinction to flat surfaces of tin or other metal, which I am well aware have been frequently used heretofore, either straight or twisted. I am also aware that flattened wire has heretofore been used; but these I do not claim, for in forming the sharp angles and surfaces on a solid body I give a certain displacing capacity and bulk to the agitator, which is required for effective work, in order that every movement of the egg-beater may displace and consequently agitate the mass beaten, which cannot be attained by agitators constructed of flat sharp pieces, which cut through the mass without displacing a bulk equal to the bulk of the surface presented. I am enabled by the use of solid wire provided with surfaces and sharp angles to form a much neater and more effective egg-beater than any heretofore known.

The advantages of my invention are too apparent and evident to need further elaboration.

Having described my invention, I claim—

The spoon-shaped egg-beater, when formed of solid separate curved strands or a continuous bent or curved strand of wire having three or more sharp edges and flat surfaces, as a new and improved article of manufacture, as described.

DAVID MUNSON.

Witnesses:

W. J. JOHNSTON,
S. A. JOHNSTON.