

M. H. SPAULDING.

Churn.

No. 66,901.

Patented July 16, 1867.

FIG. 1

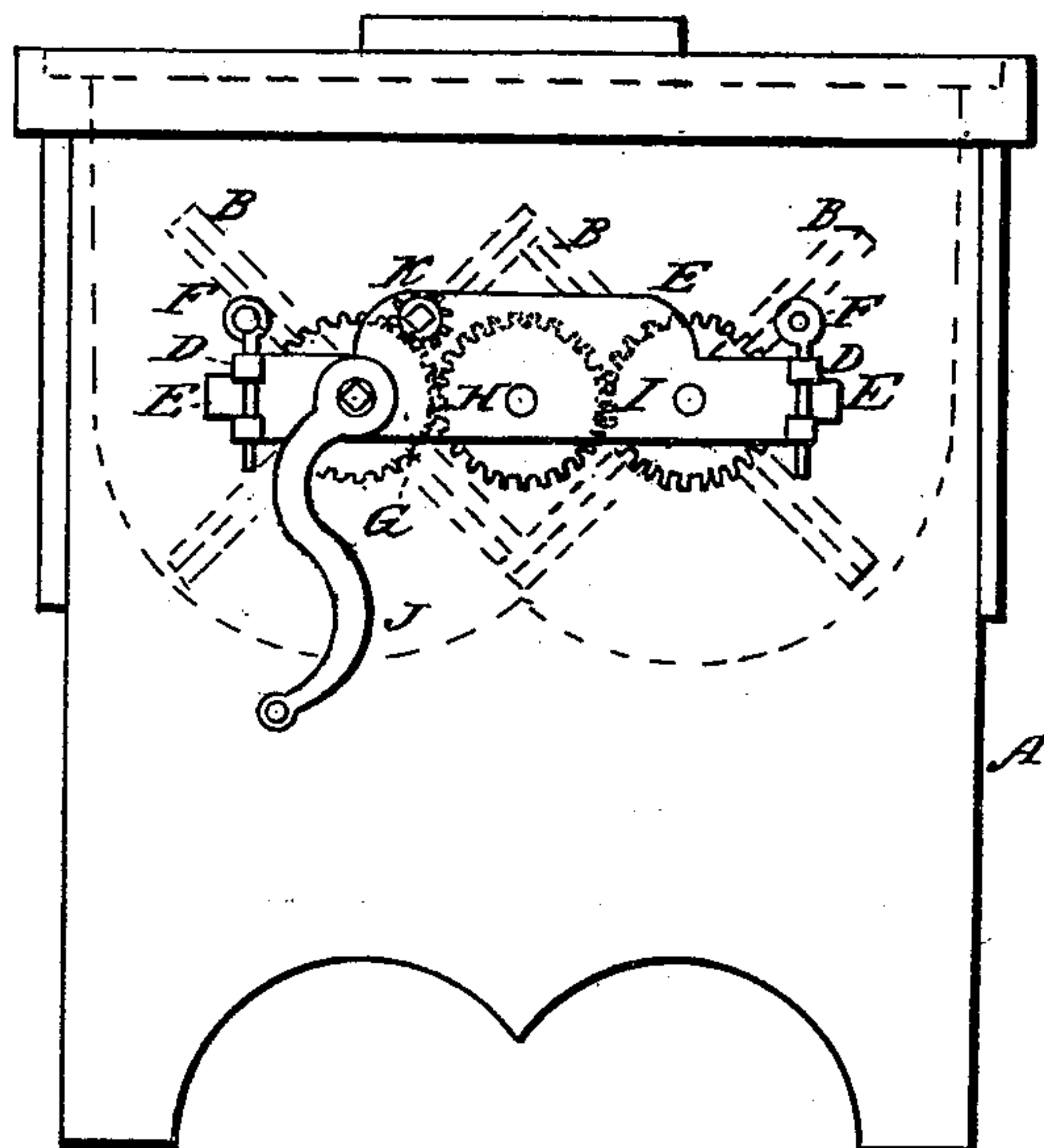
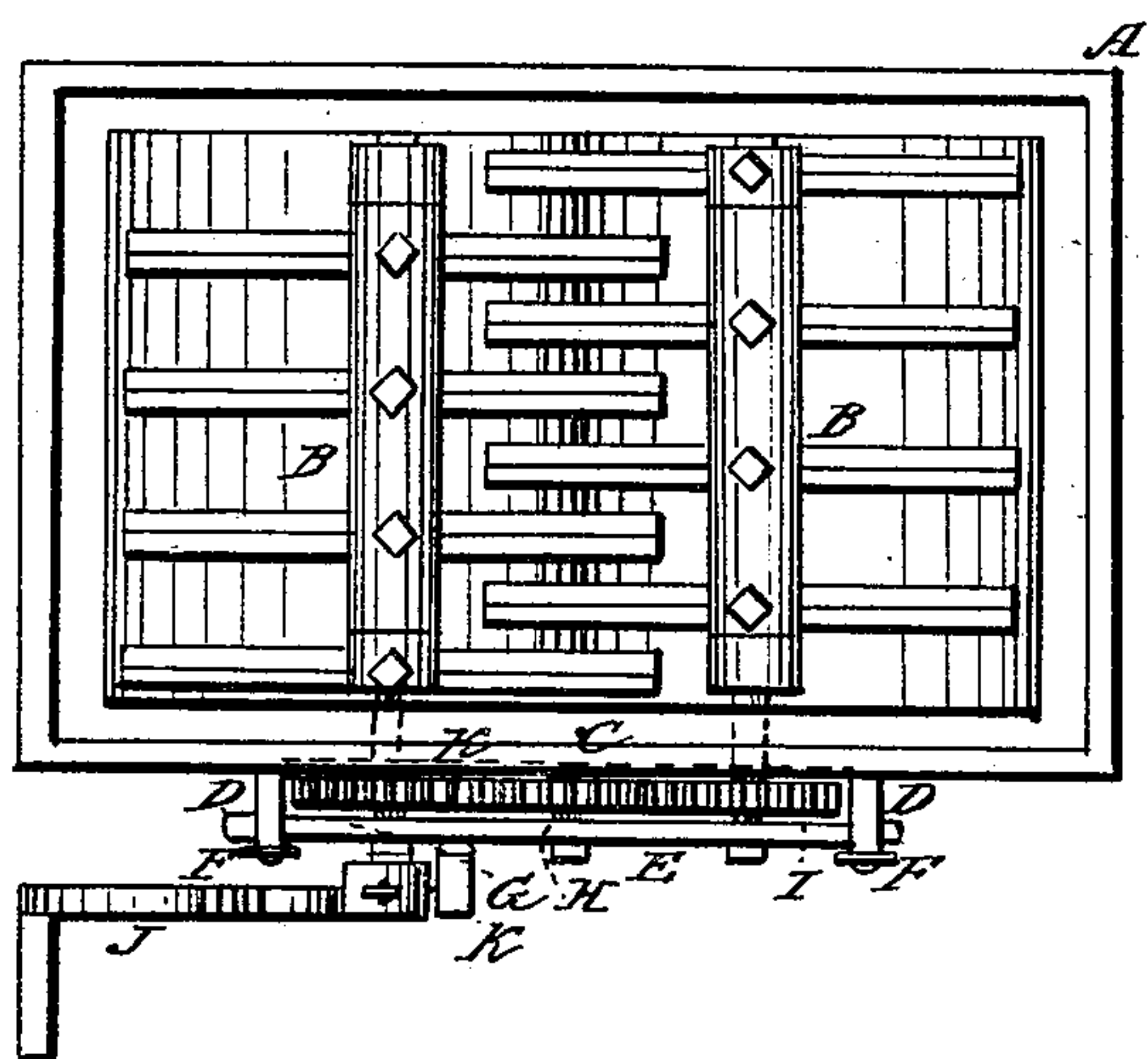


FIG. 2



WITNESSES:

Godfrey Mathey  
Walter Holt.

INVENTOR:

Myron H Spaulding  
By his Atty  
J. F. Reigart

# United States Patent Office.

MYRON H. SPAULDING, OF MORRISVILLE, VERMONT.

*Letters Patent No. 66,901, dated July 16, 1867.*

## IMPROVEMENT IN CHURNS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, MYRON H. SPAULDING, of Morrisville, Lamoille county, State of Vermont, have invented new and useful improvements in Churns; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a side elevation, exhibiting the mode of operating the beaters.

Figure 2 is a top view of the churn, exhibiting the beaters.

The nature of my invention consists in the construction of double plates of metal, forming a box with a movable face plate, in which changeable gearing is operated, so that the beaters may receive a slow, rapid, or reverse motion, and the gearing being enclosed is prevented from injuring the operator's hand, and churning may be accomplished by a child.

A represents the square box containing the double beaters B B. C is a solid metallic plate, permanently fastened to the outside of box A, with hinged ends D D, projecting outward. A face plate, E, of metal, corresponding with the shape of rear plate C, fits into the ends D D, and is held by pins F F firmly to its place, forming a metallic box. In this metallic box are three cog-wheels G H I, of the same size, the axles of G and I operating in the sides of the box and the ends of the axles of the beaters B. The outer end of axle G is squared so as to be operated by the crank, J, which, by the revolution of the three wheels G H and I, gives a rapid motion to the beaters B. A pinion-wheel, K, is located in the box, and gears into the wheels G and H, having its square axle projecting outside of the face plate E, to be operated on by the crank J, when a slow motion is required to be given to the beaters B, and also to collect or gather the butter.

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

The construction of the plates C and E, forming a metallic box, containing changeable gearing G and K, when arranged and combined with double beaters, as herein described and for the purposes set forth.

MYRON H. SPAULDING.

Witnesses:

GEO. W. HENDEE,

C. J. LEWIS.