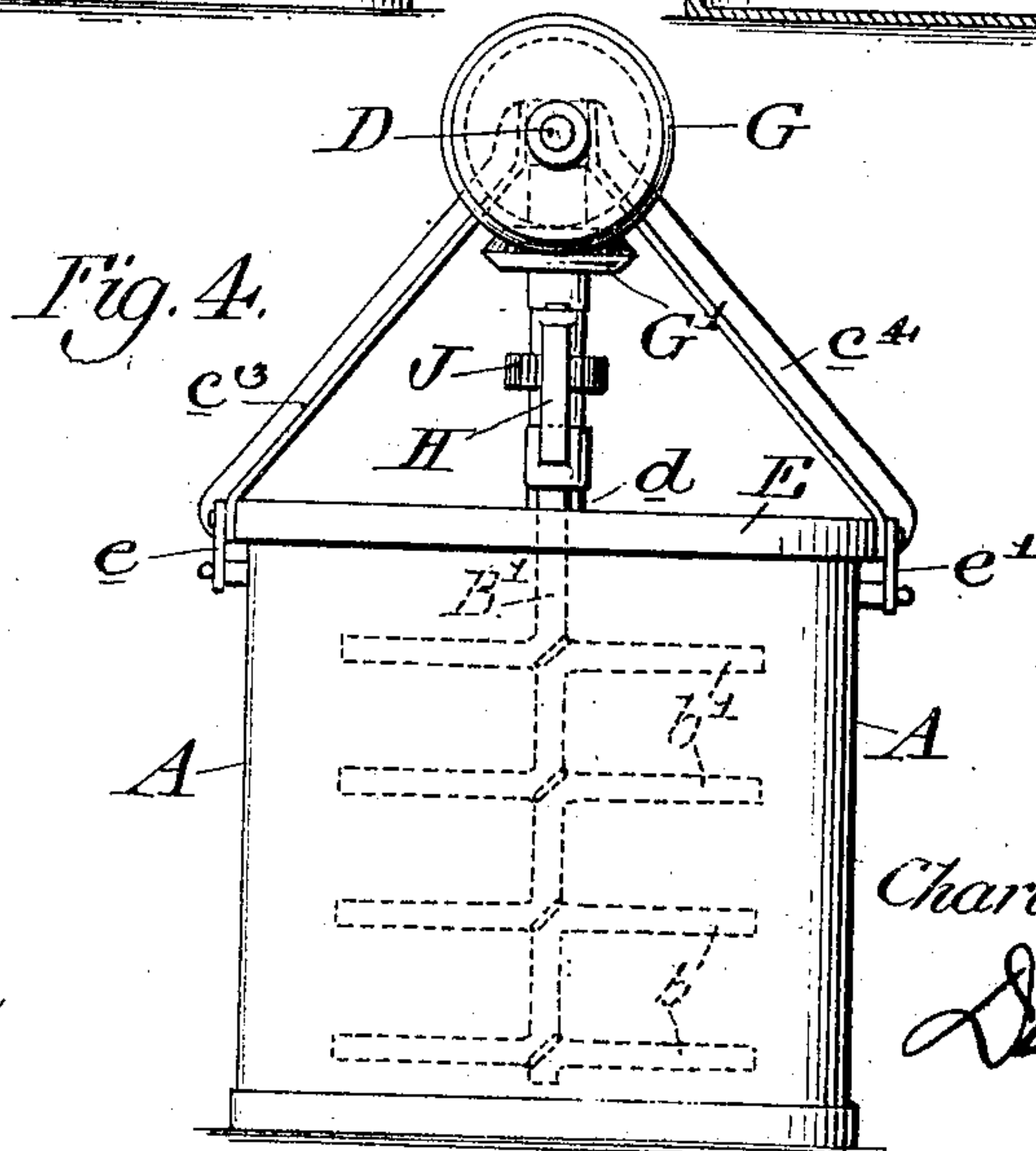
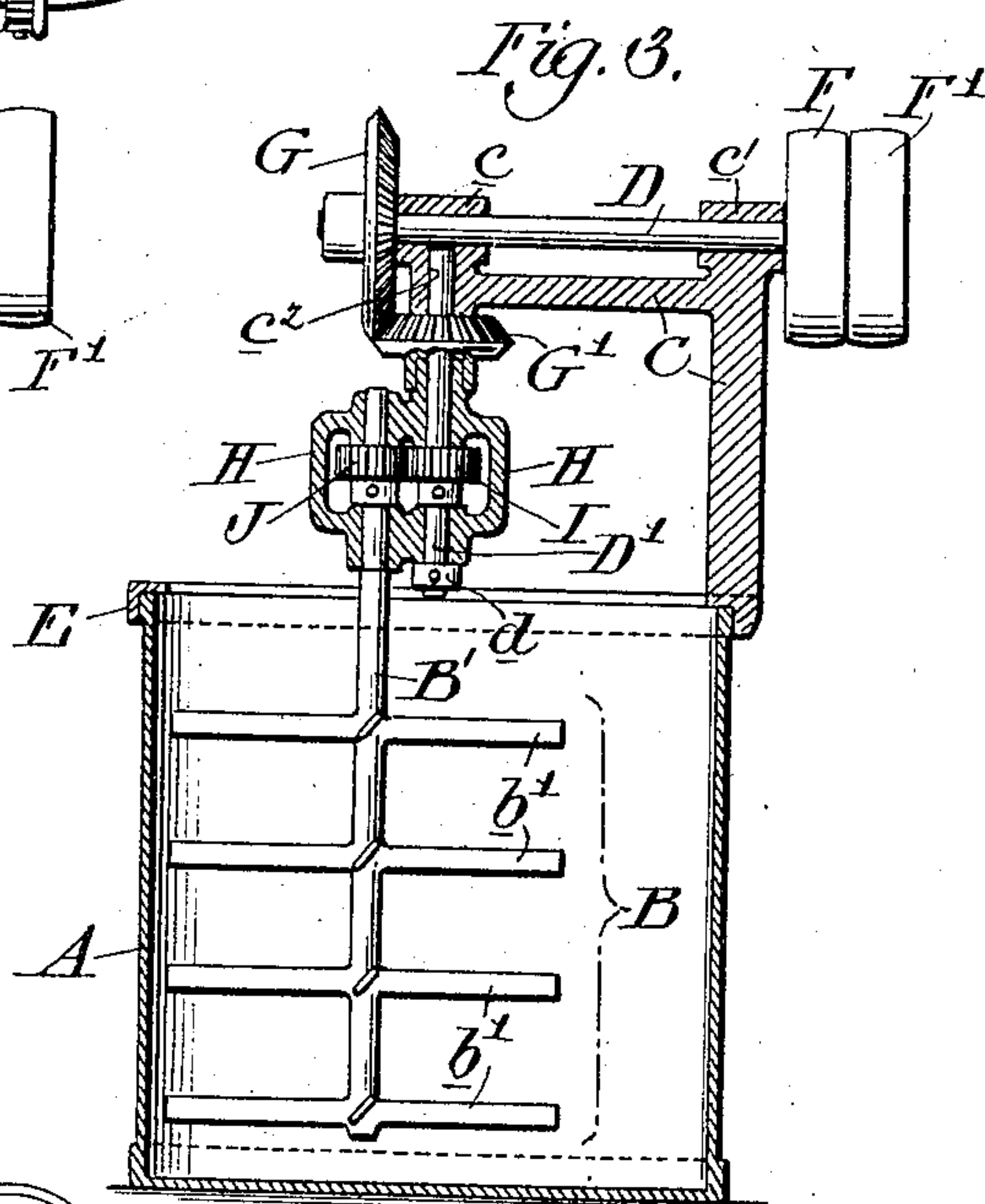
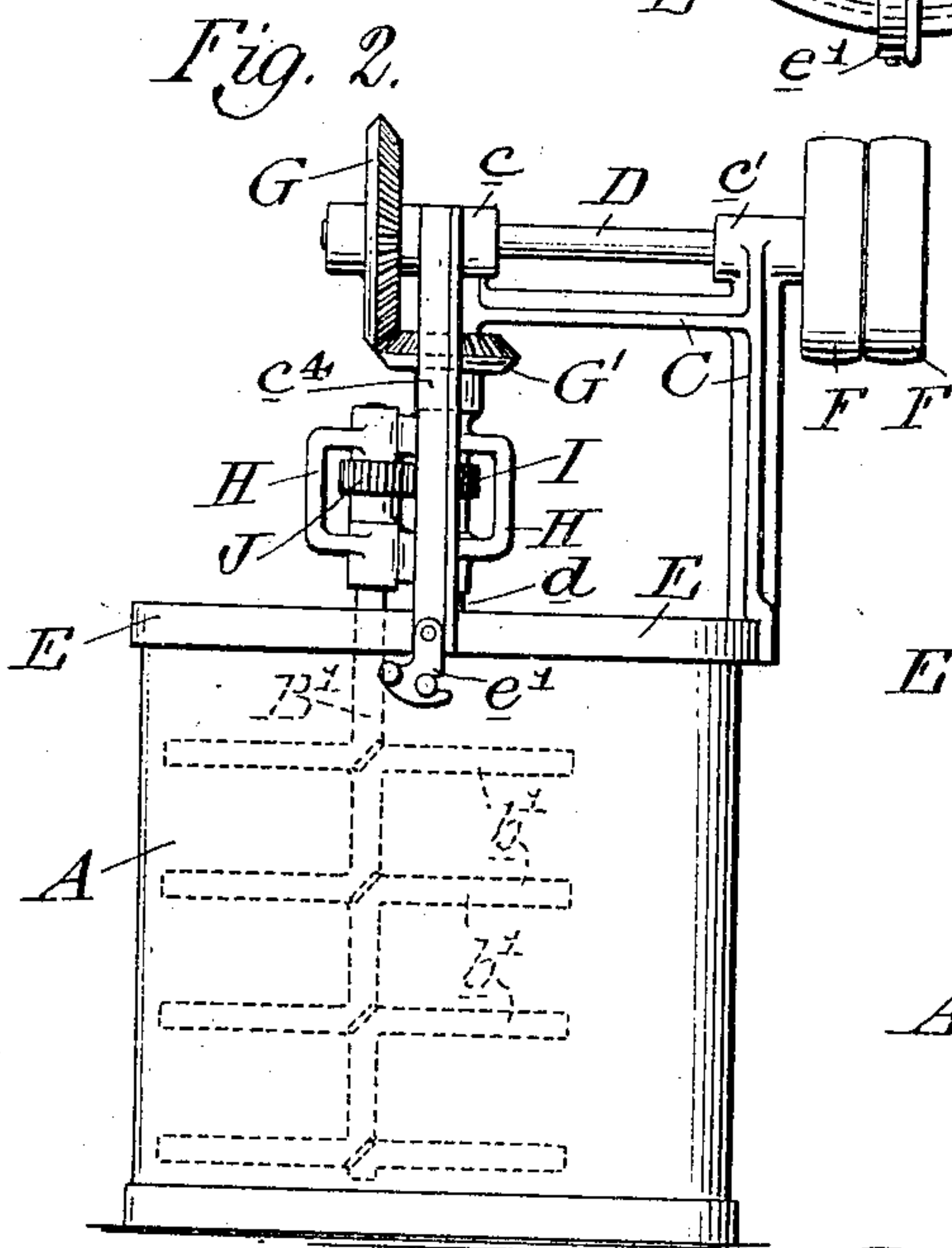
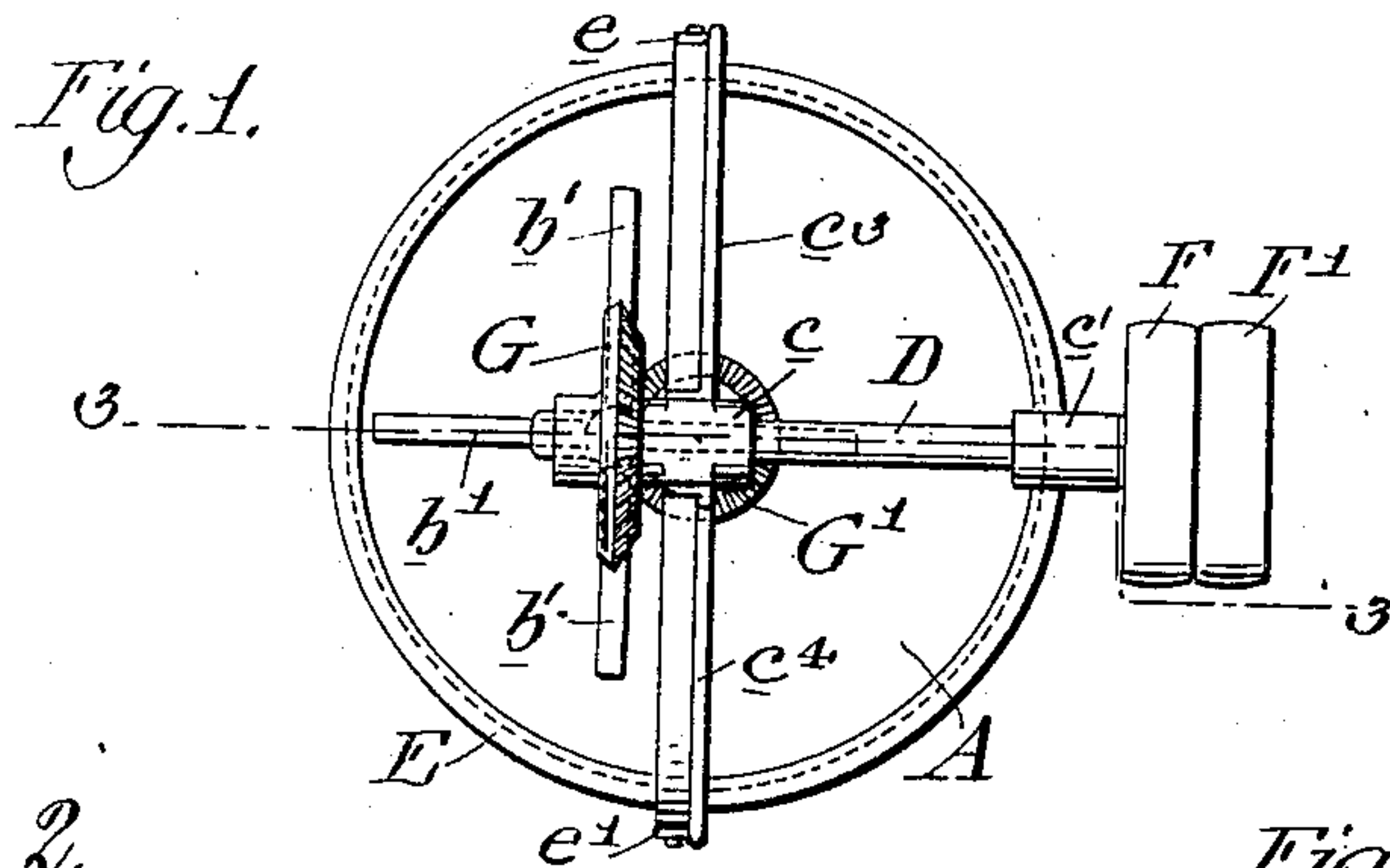


C. W. HOTTMAN.
CAKE MIXER.

APPLICATION FILED JAN. 15, 1907.

911,985.

Patented Feb. 9, 1909.



WITNESSES:

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CAKE-MIXER.

No. 911,985.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed January 15, 1907. Serial No. 352,371.

To all whom it may concern:

Be it known that I, CHARLES W. HOTTMAN, a subject of the Emperor of Germany, having declared his intentions of becoming a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Cake-Mixers, of which the following is a specification.

My invention relates to improvements in cake mixers the object being to provide means whereby the entire mass of material contained within the receptacle or pan may be more intimately mixed together and whereby the center of the batch may be subjected to the same treatment as the outside. This I accomplish by imparting to the paddle a rotary motion together with a motion eccentric to the receptacle so that the center of the mass may be brought to the outside and vice versa.

My invention will be better understood by reference to the accompanying drawings, in which—

Figure 1 illustrates a plan view of my device. Fig. 2 denotes a side elevation. Fig. 3 shows a vertical section taken on a line 3—3 of Fig. 1, and Fig. 4 is an end elevation looking from the left hand side of Fig. 2.

Referring to the reference letters of the drawings, A, denotes the receptacle or pan to contain the ingredients to be mixed.

B, is the paddle comprising a paddle shaft, B¹ and blades b¹.

C, is the frame of the machine having bearings c and c¹ to support the driving shaft D, and a socket c² containing a fixed shaft D¹. The lower part of the frame C, is fastened to a ring E, which is angular in cross section and embraces the top of the receptacle A, while braces c³ and c⁴, reaching from the bearing c, to the ring E, firmly hold the frame C, in position. The ring E, through the medium of the frame and braces just referred to supports all of the driving mechanism, and is detachably secured to the receptacle A, by latches e and e¹.

The driving shaft D, is provided at one end with an operating crank F, and at the oppo-

site end with a bevel gear wheel G, the latter meshing with a corresponding gear G¹, which is secured to a bracket H, adapted to turn upon the fixed shaft D¹.

The fixed shaft D¹, is furnished at the lower end with a collar d, to hold the bracket H, in place and has also a pinion I, fastened to this shaft. The pinion I, meshes with a gear wheel J, firmly secured to the paddle shaft B¹, which shaft is free to turn in upper and lower bearings in the bracket H.

Having described my invention what I claim and desire to secure by Letters Patent is:

1. A cake mixer, comprising a receptacle, a detachable frame surmounting the same, a fixed vertical shaft depending from the frame, a movable bracket journaled on said shaft, a paddle journaled in and depending from said bracket and having an axis of rotation remote from that of the bracket and means whereby the bracket carrying said paddle is caused to rotate.

2. A cake mixer, comprising a receptacle, a frame detachably secured thereto, a fixed vertical shaft journaled in and depending from the frame, a rotatable bracket journaled upon said shaft, a paddle journaled in said bracket, a pinion secured to the fixed vertical shaft and a gear secured to the paddle and in mesh with said pinion.

3. A cake mixer, comprising a receptacle, a frame mounted above and detachably secured to the receptacle, a horizontal shaft journaled in said frame, a fixed vertical shaft depending from the frame, a movable bracket H, journaled upon the fixed shaft, bevel gears interposed between the driving shaft and bracket, whereby the latter is caused to revolve, a paddle having a shaft journaled in said bracket, a pinion secured to the fixed shaft and a gear wheel fastened to the shaft of the paddle and meshing with said pinion.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES W. HOTTMAN.

Witnesses:

ARNOLD KATZ,

DAVID S. WILLIAMS.