No. 742,264. PATENTED OCT. 27, 1903.

B. E. WEBER.

EGG BEATER.

APPLICATION FILED JAN. 2, 1903.

NO MODEL. 2 SHEETS—SHEET 1.

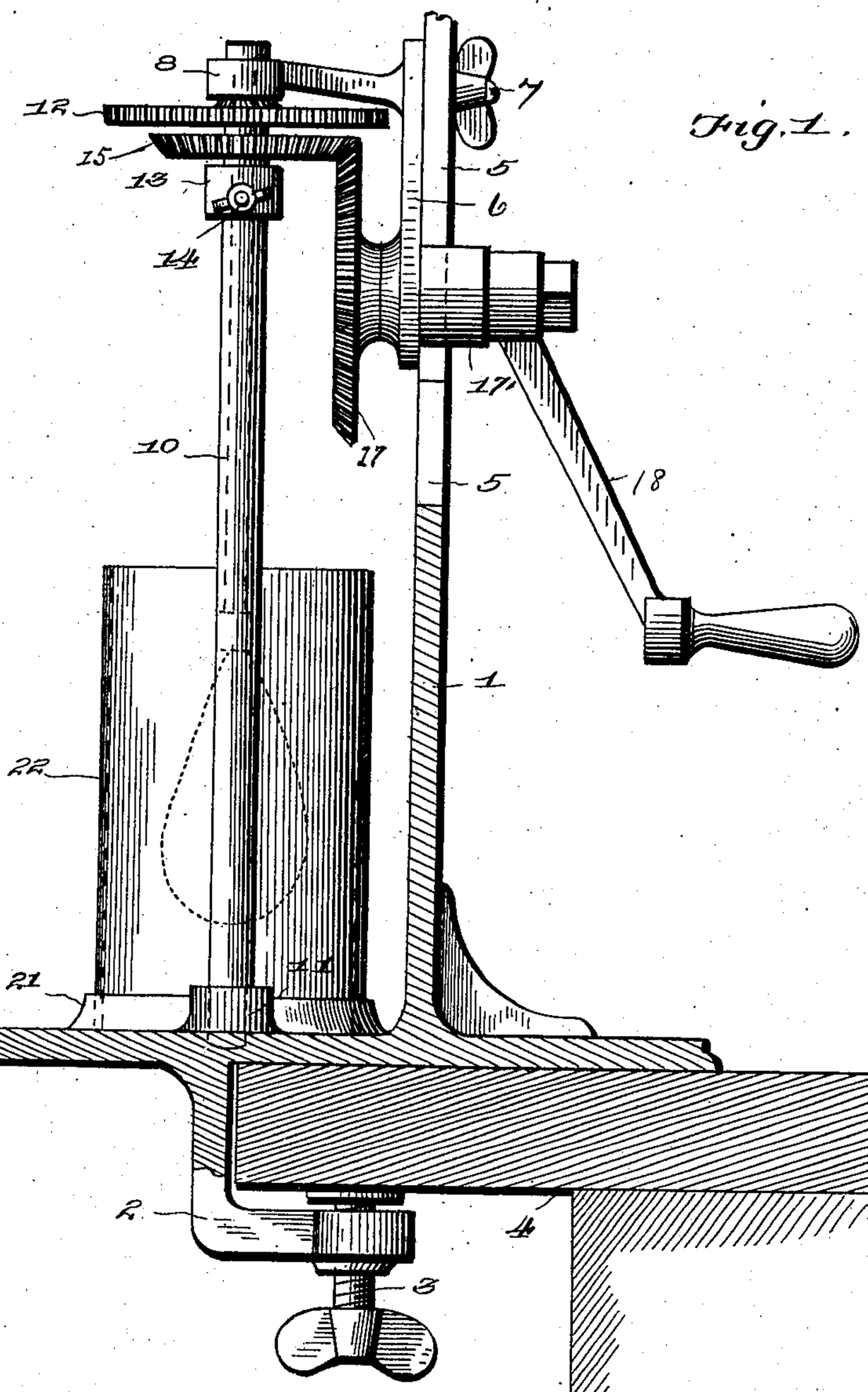

Fig. 1.

Witnesses

R. A. Boswell.

B. McB. Leach.

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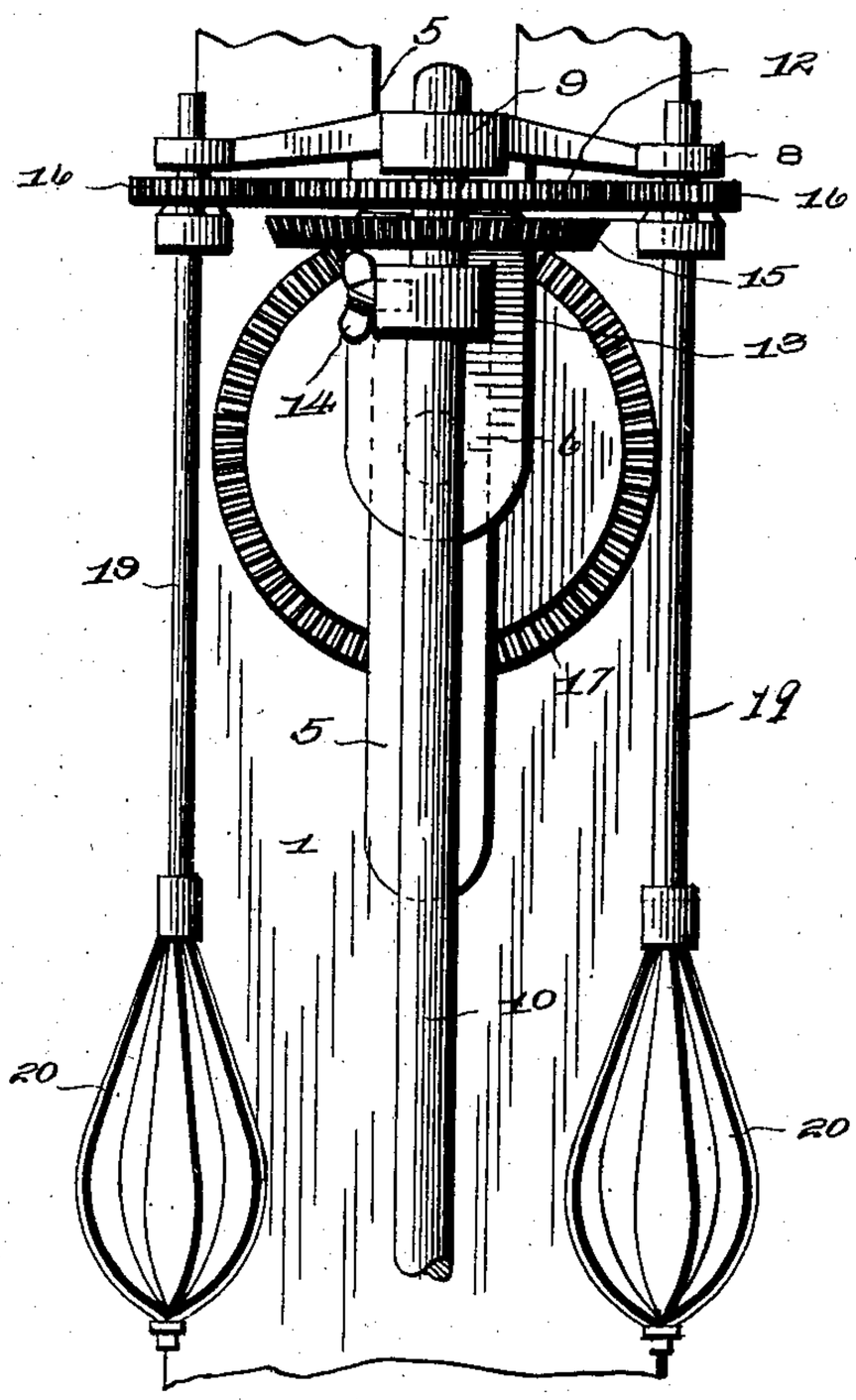

Fig. 2.

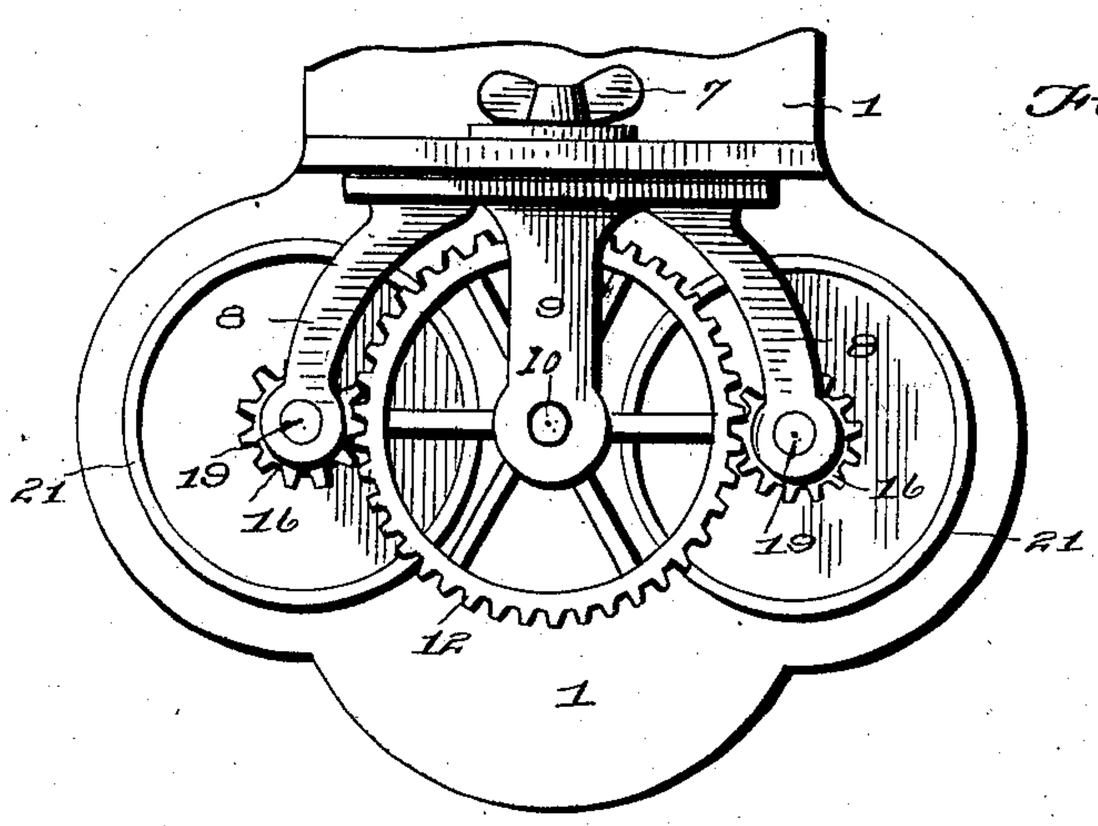

Fig. 3.

Witnesses

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No. 742,264. Patented October 27, 1903.

UNITED STATES PATENT OFFICE.

BERTHA E. WEBER, OF DORSEYVILLE, PENNSYLVANIA.

EGG-BEATER.

SPECIFICATION forming part of Letters Patent No. 742,264, dated October 27, 1903.

Application filed January 2, 1903. Serial No. 137,622. (No model.)

To all whom it may concern:

Be it known that I, BERTHA E. WEBER, a citizen of the United States, residing at Dorseyville, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Egg-Beaters, of which improvement the following is a specification.

This invention relates to an improved egg or cake beater; and it consists in certain details of construction and combination of parts, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is a side elevation of my improved egg or cake beater, partly shown in section, the same being constructed and arranged in accordance with my invention. Fig. 2 is a front elevation of the same, the base portion being removed. Fig. 3 is a plan view of the device, a portion of the table-clamp being broken away.

To put my invention into practice, I form from cast metal a frame 1, of a suitable size and form of construction, having formed at its base a means for attachment with a table 4, the said attachment consisting of a bracket 2, having a threaded socket through which a clamp-screw 3 is operated. Formed integral with the base of the frame 1 are two annular flanges 21, in which receptacles 22, containing eggs or batter, may be placed. The top or vertical portion of the frame 1 is formed with a slot 5, in which a bracket 6 is placed. The said bracket may be adjusted along the length of the slot 5 and clamped in the desired position by a thumb-screw 7. This above-mentioned bracket 6 is formed with a bearing 17′, carrying a shaft fitted with a hand-crank 18 at the rear end and with a bevel gear-wheel 17 at the other and the parts held in position by means of a nut. This bracket 6 is also formed with a central arm 9 and side arms 8, forming three bearings for suitably-arranged gearing to operate the beaters 20. This gearing consists in a bevel-gear 15, meshing with the wheel 17 above mentioned, the former being loosely connected to a vertically-arranged shaft 10 and supported by a movable piece 13, which piece may be clamped to the shaft by a thumb-screw 14. Arranged between the arms 9 of the bracket 6 is a large toothed wheel 12, which meshes with pinions 16, supported in the bearings 8. Each of these pinions 16 is provided with a downwardly-extending rod 19, to which wire beaters 20 are attached.

In operation two different substances are placed in the receptacles, if desired, and beaten at the same time. The bracket 6 is first elevated to permit the receptacles 22 being placed in the annular flange portions 21. The bracket 6 is now lowered to the proper height and clamped in that position by the thumb-screw 7 and the collar 13 set rigid with the shaft 10 by means of the thumb-screw 14. The crank 18 is now revolved, and by its connected gearing a rapid rotary motion is transmitted to the beaters 20. To remove the receptacles 22, it is only necessary to loosen the thumb-screws 7 and 14 and elevate the bracket 6, together with its connected mechanism.

Various slight modifications and changes may be made in the details of construction without departing from the general spirit of the invention.

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

1. A device of the type set forth comprising a supporting-frame, a clamping means carried by the base thereof for securing the same to a table, flanges formed integral with the base of said frame for securely holding receptacles therein, a bracket adjustably mounted in said frame, locking means for securing the same in adjusted position, rotatable means carried by said bracket, central and side arms carried by said bracket, a vertical shaft mounted in the central arm, shafts carrying pinions mounted in said side arms, beaters carried by said pinions, a large pinion loosely mounted on said vertical shaft, an adjustable supporting-piece therefor, said last-named pinion meshing with the pinions of the side arms and with said rotatable means, substantially as described.

2. In a device of the type described, a frame, flanges formed integral with the base thereof, a bracket adjustably mounted in the frame, arms forming bearings for pinions, shafts carrying beaters adapted to be operated by

the said pinions, a central arm, a vertical shaft therein, a loosely-mounted pinion thereon, adjustable supporting means therefor, and means carried by the bracket for rotating on said pinions, substantially as described.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

BERTHA E. WEBER.

In presence of—
LOUIS MOESER,
M. HUNTER.