

No. 810,645.

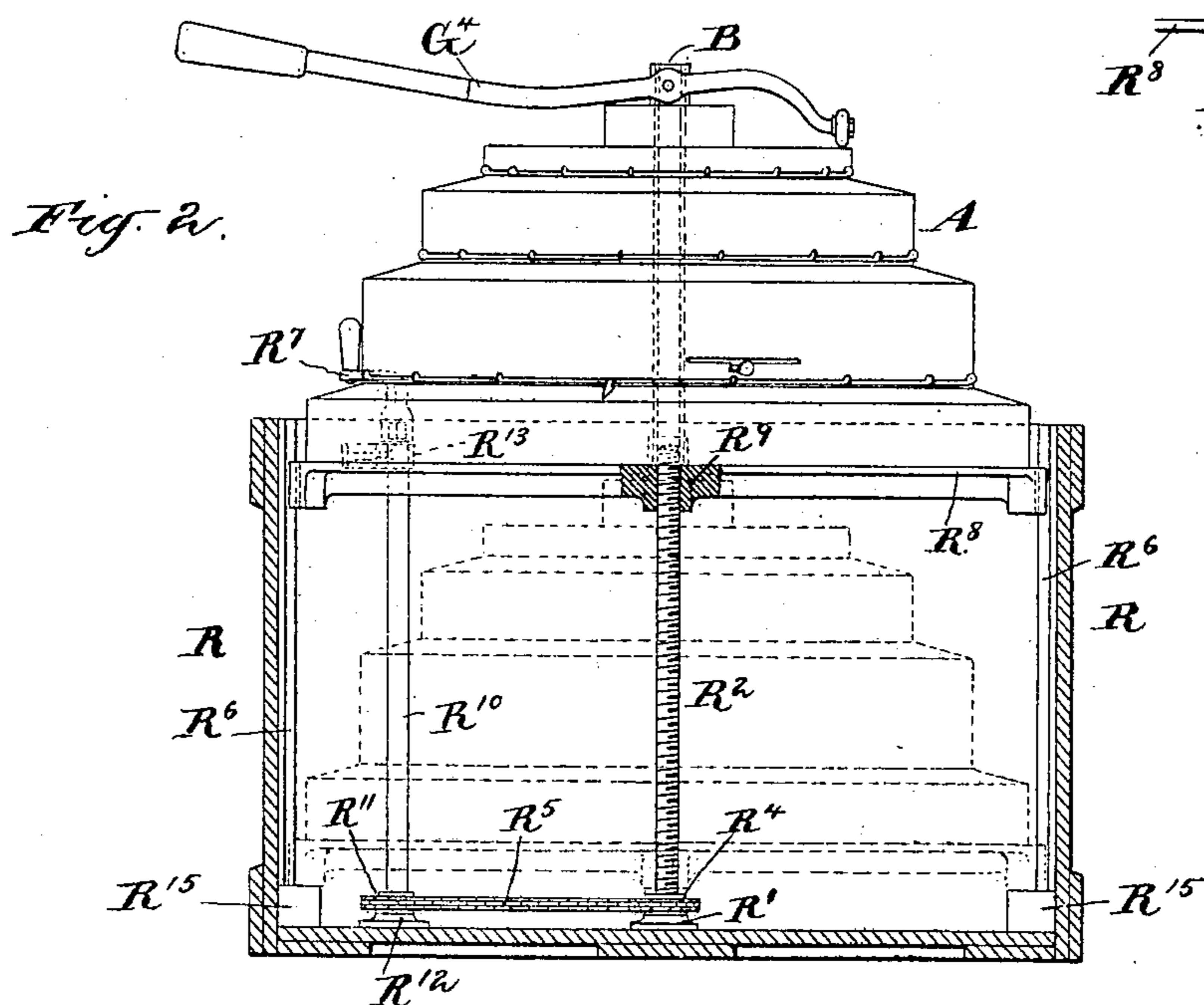
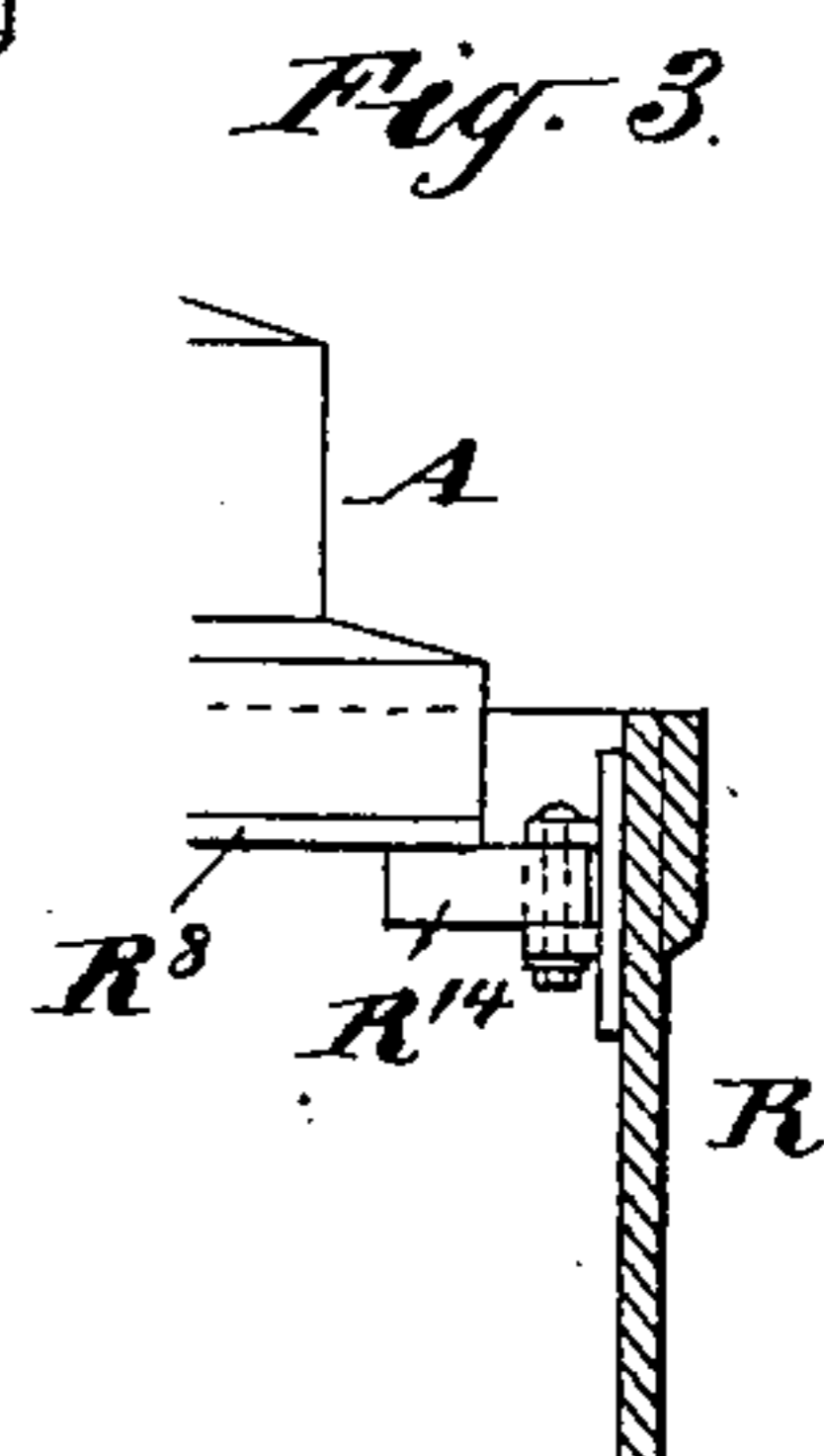
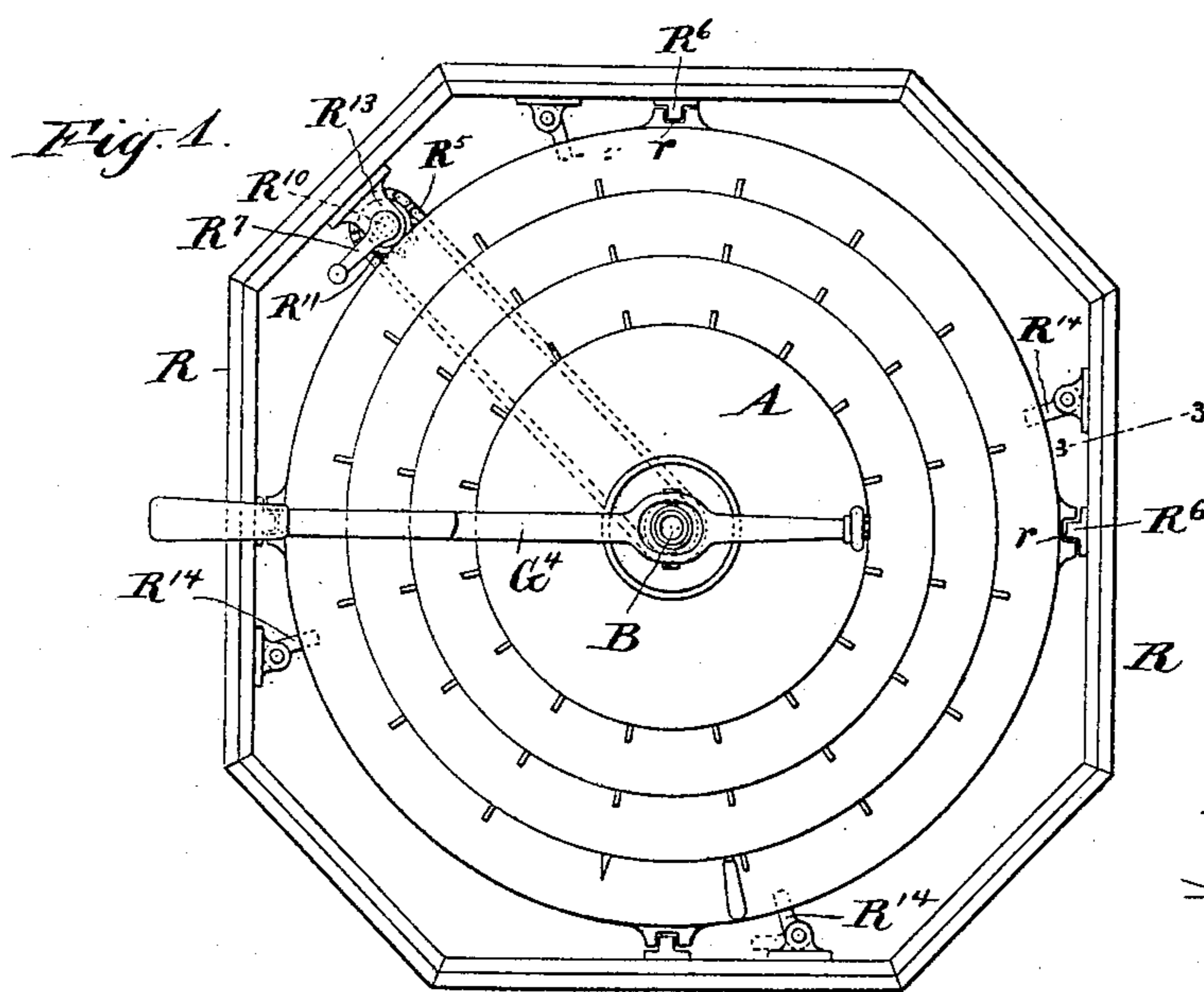
PATENTED JAN. 23, 1906.

C. F. HARRINGTON, DEC'D.

E. A. HARRINGTON, EXECUTRIX.

SUPPORT FOR VOTING MACHINES.

APPLICATION FILED FEB. 1, 1905.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

ELIZA A. HARRINGTON, OF LYNDHURST, NEW JERSEY, EXECUTRIX OF
CHARLES F. HARRINGTON, DECEASED, ASSIGNOR TO THE DIAL
VOTING MACHINE COMPANY, OF LYNDHURST, NEW JERSEY, A COR-
PORATION OF NEW JERSEY.

SUPPORT FOR VOTING-MACHINES.

No. 810,645.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed February 1, 1905. Serial No. 243,777.

To all whom it may concern:

Be it known that I, ELIZA A. HARRINGTON, a citizen of the United States, residing in Lyndhurst, in the county of Bergen and State of New Jersey, executrix of the last will and testament of CHARLES F. HARRINGTON, deceased, late a citizen of the United States, declare that the said CHARLES F. HARRINGTON invented a certain new and useful Improvement in Supports for Voting-Machines, of which the following is a specification.

The invention relates to means for storing and supporting voting-machines; and the object of the invention is to provide a receptacle in which the voting-machine may be contained when not in use and in which the machine may be easily elevated and supported in position for service.

The invention is especially designed to serve with a voting-machine of the character set forth in an application for Letters Patent by the same inventor, filed October 10, 1904, Serial No. 227,800.

The invention consists in certain novel features and details of construction by which the above objects are attained, to be hereinafter set forth.

The accompanying drawings form a part of this specification and show a preferred form of the invention.

Figure 1 is a plan view of the voting-machine and its case or support. Fig. 2 is a corresponding elevation, and Fig. 3 is a vertical section, partly in elevation, the plane of section being indicated by the line 3 3 in Fig. 1.

Similar letters of reference indicate the same parts in all the figures.

The voting-machine A, partly illustrated, is of circular or turret form and may be understood to be of the character shown and described in the above-identified application. A detailed description of its mechanism and operation is not necessary in this application.

R is a box or receptacle, shown as irregularly octagonal, having four long equal sides and four short equal sides and having inside dimensions large enough to allow the machine to sink therein. On each of the long sides is a vertical guide-rail R⁶, matching to a notch *r* in the adjacent edge of a circular base-plate R⁸, upon which the machine rests. The

plate R⁸ has a central boss R⁹ on the under face and is formed with radial webs, serving to impart the desired strength and stiffness.

R² is a centrally - located vertical screw-shaft, mounted at its lower end in a step R', firmly secured to the bottom of the box or case and having fixed thereon, immediately above the step, a sprocket-wheel R⁴, on which runs a sprocket-chain R⁵, also engaged with a sprocket-wheel R¹¹ on a vertical shaft R¹⁰, revolving in a step R¹², fixed to the bottom of the box, and an arm R¹³, attached to one of the short sides outside the path of the base-plate in its vertical movements in the case. The upper end of the shaft R¹⁰ is squared to receive a wrench or crank R⁷, by which it may be turned and through the sprocket-chain R⁵ the motion communicated to the screw-shaft R². The latter extends through the boss R⁹, which is tapped to match thereto. Thus equipped the turning of the shaft R¹⁰ induces corresponding revolutions of the screw-shaft and causes the machine to rise or sink, as required, guided by the rails R⁶.

The centrally-located operating-shaft B of the voting-machine is tubular and of a diameter to match to and inclose the screw-shaft R² and permit the latter to enter freely as the machine is lowered, thus aiding to guide the machine in its rising and sinking movements and also providing space for the screw-shaft.

R¹⁴ R¹⁴ are horizontally-swinging brackets pivoted to the sides of the box and adapted to be swung beneath the plate R⁸ when the machine is in the elevated position and support the load, thus relieving the screw-shaft of a portion or all of the weight of the machine. In lowering the latter the screw-shaft is first turned in the direction to elevate the machine further and free the brackets, which are then swung back out of the way. The motion of the screw-shaft is then reversed, and the plate R⁸, with the machine, sinks within the case and comes to rest on the blocks R¹⁵ R¹⁵ of sufficient height to prevent contact of the under face of the boss R⁹ with the sprocket-wheel R⁴.

The operating-lever G⁴ of the machine may be removed before the lowering operation, or the handle portion may be separated from the lever to reduce the length.

Any suitable cover (not shown) may be provided for the case, and the latter may be equipped with handles for convenience in transportation.

5 Modifications may be made in the forms and proportions of the receptacle within wide limits, and the location and construction of the guide-rails may be varied. The swinging brackets may be omitted, relying upon
10 the screw-shaft alone to sustain the machine.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A voting-machine receptacle, with interior guide-rails, a base-plate having means
15 coöperating with said guide-rails, means for raising and lowering said base-plate comprising a central screw-shaft extending axially of said receptacle and engaging a threaded
20 boss on said base-plate, a shaft parallel with said screw-shaft, means for rotating the same, means for imparting rotary motion to the screw-shaft therefrom, and the axially-disposed tubular operating-shaft of the voting-
25 machine inclosing the screw-shaft for guiding the voting-machine in its movements and serving to center the same with relation to

said screw-shaft, all substantially as and for the purpose specified.

2. A receptacle and support for a voting- 30 machine, comprising a case, a centrally-located screw-shaft therein, guide-rails on the interior of said case, a base-plate carrying said machine and matching said guide-rails, a screw-threaded boss on said plate receiving 35 said screw-shaft, a driving-shaft and means for operating it, a sprocket-wheel on each of said shafts, a sprocket-chain for said sprocket-wheels, and swinging brackets hinged to said case, adapted to engage said base-plate and 40 support the latter and the machine thereon and blocks within said receptacle upon the bottom thereof to support the base-plate and voting-machine free of the sprocket-wheels and chain. 45

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

ELIZA A. HARRINGTON,
Executrix of the last will and testament of
Charles F. Harrington, deceased.

Witnesses:

HARRY C. HARRINGTON,
CHARLES R. SEARLE.