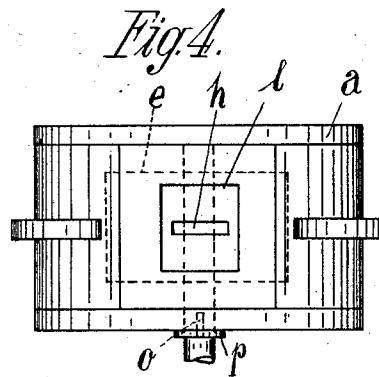
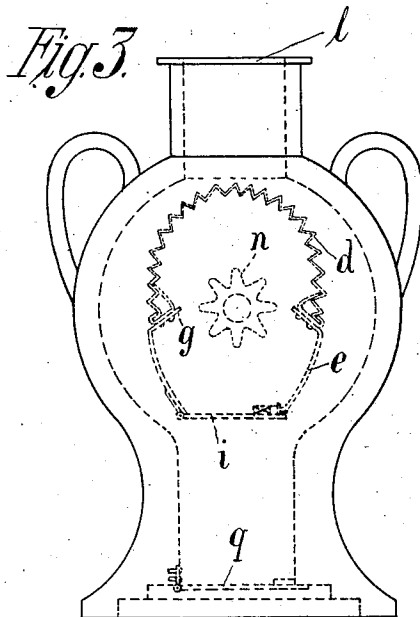
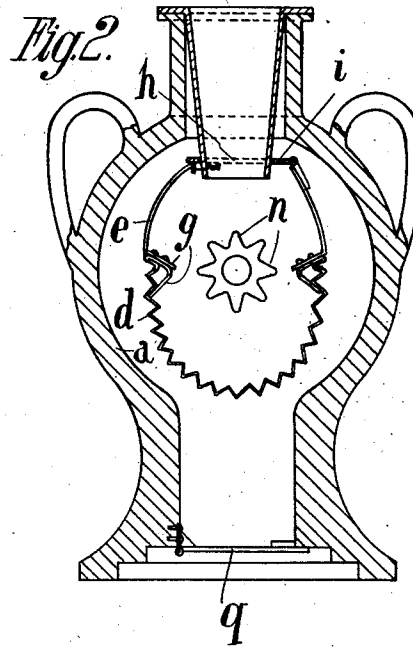
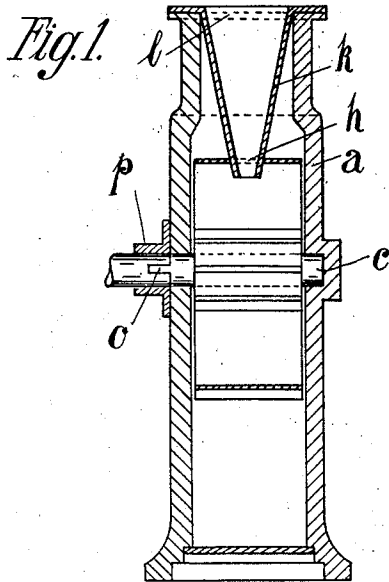


M. A. HEINRICH.
BALLOT BOX.
APPLICATION FILED OCT. 26, 1911.

1,047,631.

Patented Dec. 17, 1912.



Witnesses.
Sidney Rich
Max J. Burdick

Inventor.
Max Heinrich

UNITED STATES PATENT OFFICE.

MAX ARTHUR HEINRICH, OF GLAUCHAU, GERMANY.

BALLOT-BOX.

1,047,631.

Specification of Letters Patent.

Patented Dec. 17, 1912.

Application filed October 26, 1911. Serial No. 656,966.

To all whom it may concern:

Be it known that I, MAX ARTHUR HEINRICH, a subject of the German Emperor, and residing at Glauchau, Germany, have invented certain new and useful Improvements in Ballot-Boxes, of which the following is a specification.

The present invention relates to a ballot box such as used for the collection of voting papers and of the kind in which such papers are received in a rotatable mixing drum mounted in an urn-shaped receptacle. According to the invention the papers are fed into the drum by means of a funnel which is supported on the mouth of the receptacle and which projects into the drum, thus serving at the same time to prevent rotary movement of the latter while the voting is in progress. The receptacle has a normally closed aperture in its bottom through which the voting papers are discharged after the funnel has been removed and the drum turned for mixing the paper.

In the accompanying drawings the invention is illustrated, Figure 1 representing a vertical cross-section of the box, Fig. 2 a longitudinal section of the same, Fig. 3 a side view showing the drum in inverted position, and Fig. 4 a plan of the box.

The ballot box consists of an urn-shaped receptacle *a* in which a drum of oval cross-section is rotatably mounted by means of journals *c*. The drum is made up of two parts *d* and *e* of which the former is provided with sharp-angled corrugations for the purpose of mixing the voting papers when the drum is rotated. The connection of the parts is effected by means of inward flanges *g* which form ribs for promoting the mixing. For the same purpose the drum is bridged by a centrally disposed body *n* of star-shaped cross-section. In the part *e* of the drum an inlet opening is provided for

the papers. This opening is closed by a hinged cover *i* in which is made a slot *h*. Through said slot a funnel *k*, which rests by means of a flange on the mouth *l* of the urn, is projected with its lower end into the drum. In the bottom of the urn a discharge passage is provided which is normally closed by a hinged cover *q*. The rotation of the drum is effected by means of a crank *p* which is adapted to fit on a square stud *o* on one of the journals.

The voting papers are dropped into the funnel *k* which feeds them into the drum through the slot *h*. As the papers contact with the elements *n* and *g* they are turned over and thereby distributed over the whole bottom surface of the drum. Rotary movement of the drum is meanwhile prevented by the funnel *k*. After the voting is completed the funnel *k* is removed whereupon the drum may be turned around a suitable number of times for mixing the papers. Finally the drum is set into the position indicated by dotted lines in Fig. 3, and the covers *i* and *q* are opened for the extraction of the voting papers. When the ballot box is not in use, the funnel *k* and the crank handle *p* may be stored in the receptacle *a*.

I claim:—

In a ballot box of the character described, an oval drum formed of two parts connected by means of inwardly projecting flanges, and a shaft of star-shaped cross-section carried through the drum between the flanges so as to coöperate with the latter for turning over and mixing the voting papers as they are being dropped into the drum, substantially as set forth.

MAX ARTHUR HEINRICH.

Witnesses:

SIDNEY RICH,
MAX J. BERMDORF.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."