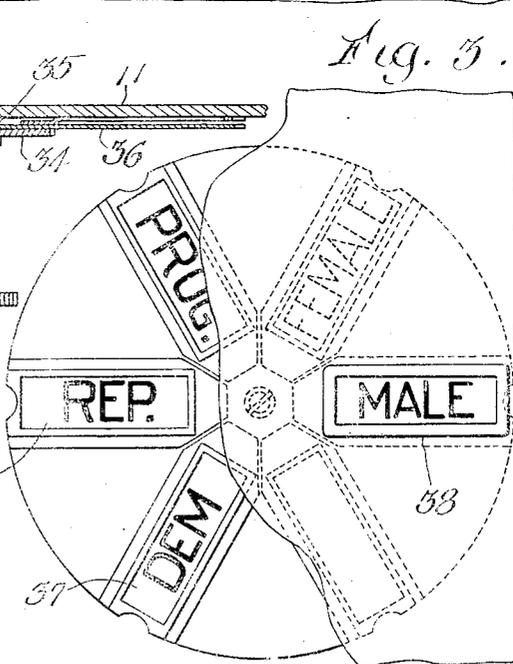
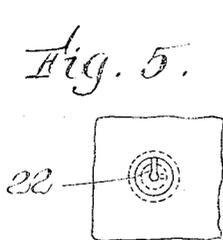
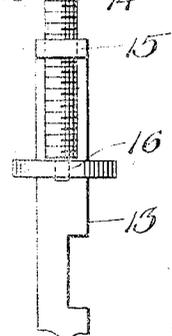
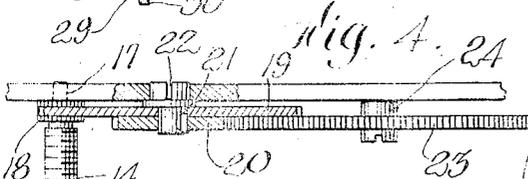
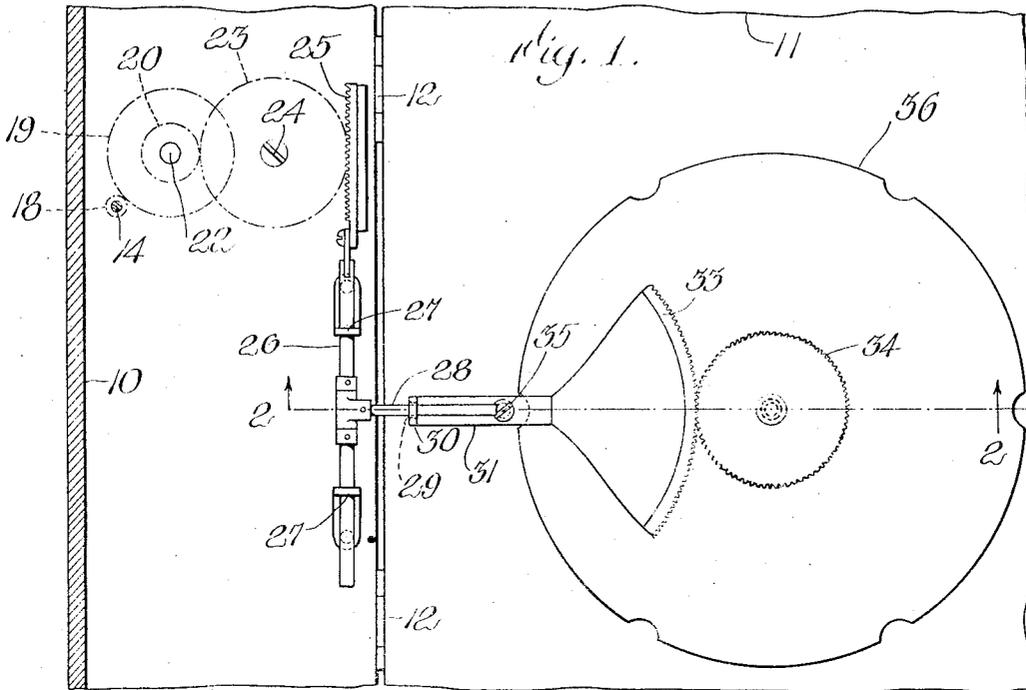


J. A. BUTLER.
 INDICATOR MECHANISM FOR RESTRICTIVE VOTING.
 APPLICATION FILED DEC. 26, 1912.

1,155,041.

Patented Sept. 28, 1915.



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UNITED STATES PATENT OFFICE.

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INDICATOR MECHANISM FOR RESTRICTIVE VOTING.

1,155,041.

Specification of Letters Patent.

Patented Sept. 28, 1915.

Application filed December 26, 1912. Serial No. 738,770.

To all whom it may concern:

Be it known that I, JAMES A. BUTLER, resident of Winthrop, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Indicator Mechanisms for Restrictive Voting, of which the following is a specification.

My present invention relates to indicating mechanism in combination and cooperative relation with registering machines, particularly voting machines. In the use of voting machines it is desirable that the machine be adaptable for restrictive voting *i. e.*, it should have provision for being set at will so that a voter can only vote for certain selective candidates, groups of candidates, or propositions, out of the total number which the machine carries. This is especially the case in adapting the machine for uses in primary voting where it is usually required to be set so that a voter can only vote for candidates of the party in which he is regularly enrolled, and another illustration of the use of this feature is in those cases where women are allowed to vote for certain candidates but not for all. In the case of voting at primaries especially, it is desirable that the machine should show plainly and conspicuously what class of candidates *i. e.*, for what party it is set so that the proper persons or authorities can be made certain that the voter is voting for candidates within the party under which he is enrolled. In certain standard and approved types of voting machines the machine is set and arranged for the desired restrictive voting by a locking bar slidably mounted usually in horizontal position in an upper part of the machine; this bar having provision as it is moved endwise to a greater or less extent to lock certain selective portions of the vote registering mechanism while leaving other portions unlocked so that at the different stages of its endwise movement it is adapted to provide any selective and restrictive voting combinations desired. The present invention provides mechanism cooperatively connected with such locking bar whereby visible and conspicuous indication is given at each stage of the locking bar movement, of the particular class of restrictive voting for which the machine is set at that particular time.

The invention will be better understood

from the following detail description taken in connection with the accompanying drawings and will be thereafter pointed out in the appended claims.

Referring to the drawings: Figure 1 is an elevation showing my invention with a part of the machine housing shown in section; Fig. 2 is a sectional view on line 2—2 of Fig. 1; Fig. 3 is an elevation with parts broken away to show the indicating device proper; Fig. 4 is a fragmentary view partly in elevation and partly in section showing the connections to the locking bar and a part of the bar itself; and Fig. 5 is a fragmentary detail elevation showing the external provision for applying an operating device.

A part of a voting machine housing is indicated at 10 and a door is indicated at 11 hinged to the housing at 12. The locking bar which is mounted for horizontal sliding movement in an upper part of the machine housing is indicated at 13, the detailed construction of this bar and the manner in which it controls the machine for restrictive voting forming no part of the present invention. To complete the showing of an illustrative form of such locking bar with its cooperating parts so far as desirable for the purpose of the present case I refer to Patent No. 742,278, issued October 27, 1903. This bar is moved endwise to position it for the various restrictive classes of voting desired by a suitable operating device shown as a screw or worm 14 in threaded engagement with an offset extremity of the bar as seen at 15, the inner end of this screw having bearing in a suitable support 16 and its outer end having bearing as at 17 in the machine housing. This screw has fixed thereto a pinion 18 meshing with a gear wheel 19 which along with another gear wheel 20 is keyed or similarly fixed to a stud shaft 21 journaled in the housing and having a kerf head 22 or equivalent provision for receiving an operating device. The pinion 20 meshes with a gear wheel 23 on a stud shaft 24 and this gear wheel has engaged therewith a rack 25 at the upper end of a rod 26 slidably guided in bearings 27 on the housing, near the side of the housing adjacent the hinge connection of the door therewith. The rod 26 has adjustably fixed thereto a laterally extending arm 28 which has a loose fit as at 29 in a lateral offset 30 of an arm 31

pivoted at 32 to the door of the machine which carries a gear segment member 33 meshing with a pinion 34 pivotally mounted at 35 and carrying a large indicating disk 36 which has a series of pockets or holders 37 adapted to receive the distinguishing designations for the several restrictive classes of voting for which the machine is adapted to be set. The door 11 of the machine is provided with a side opening 38 through which the proper one of such designations is visible for indicating the setting of the machine at any particular time. Thus the manipulation necessary for setting the locking bar to proper position for any desired class of voting is operative to actuate the indicating device which is most conveniently positioned on the door of the machine and the operation of such indicating device is in nowise affected or interfered with by the opening and closing of the door; it being in fact adapted to operate quite as well with the door partly or wholly opened as when it is closed.

I do not desire to be limited to the precise structural details shown since I am aware that these can be considerably modified without departing from the spirit of the invention and I therefore refer to the appended claims rather than to the foregoing description to indicate the scope of my invention.

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

1. Apparatus of the kind described, comprising a member having connections arranged to lock a registering mechanism for selective registering, an operating device for said member, and indicating means connected to be controlled by said operating device, having provision consisting of legible characters respectively distinctive of selective classes of registration to disclose conspicuously the character of selective registration for which the apparatus is set, by bringing a selected one of said characters into view or distinctive position.

2. Apparatus of the kind described, comprising a locking bar having connections arranged to restrictively control a registering mechanism, means for moving said bar endwise, and a visual indicator in geared connection with said means having pro-

vision consisting of legible characters respectively distinctive of selective classes of registration to indicate the character of restrictive registering for which the apparatus is set, by bringing a selected one of said characters into view or distinctive position.

3. Apparatus of the kind described, comprising a locking bar having connections arranged to lock a registering mechanism for restrictive registering, a threaded member for moving said bar endwise, operating means for turning said member, and an indicating disk in geared connection with said operating means having provision to conspicuously indicate the character of restrictive registering for which the apparatus is set.

4. Apparatus of the kind described comprising a locking bar for setting a registering mechanism for restrictive registering, operating means for said bar, an indicator, and connecting means from said operating means to said indicator including a reciprocating rack and a swinging arm having a connection therewith permitting angular displacement for the purpose stated.

5. Apparatus of the kind described comprising a locking bar for setting a registering mechanism for restrictive registering, means for moving said bar endwise, an operating device, and an indicator to denote the character of restrictive registration, said operating device and indicator being mounted, one on a casing of the apparatus and the other on a door thereof with connecting means adapted to remain in operative relation as the door is swung.

6. Apparatus of the kind described comprising a locking bar for the purpose stated, operating means for setting said bar in different positions of endwise adjustment, said parts being arranged in a housing of the machine, and an indicator to denote the character of restrictive registration for which the machine is set, mounted on a swinging door of the machine with operating connections to said operating means carried partly by said door and partly in the housing.

In testimony whereof I have affixed my signature, in presence of two witnesses.

JAMES A. BUTLER.

Witnesses:

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