

[Home \(http://ipindia.nic.in/index.htm\)](http://ipindia.nic.in/index.htm) [About Us \(http://ipindia.nic.in/about-us.htm\)](http://ipindia.nic.in/about-us.htm) [Who's Who \(http://ipindia.nic.in/whos-who-page.htm\)](http://ipindia.nic.in/whos-who-page.htm)

[Policy & Programs \(http://ipindia.nic.in/policy-pages.htm\)](http://ipindia.nic.in/policy-pages.htm) [Achievements \(http://ipindia.nic.in/achievements-page.htm\)](http://ipindia.nic.in/achievements-page.htm)

[RTI \(http://ipindia.nic.in/right-to-information.htm\)](http://ipindia.nic.in/right-to-information.htm) [Feedback \(https://ipindiaonline.gov.in/feedback\)](https://ipindiaonline.gov.in/feedback) [Sitemap \(http://ipindia.nic.in/itemap.htm\)](http://ipindia.nic.in/itemap.htm)

[Contact Us \(http://ipindia.nic.in/contact-us.htm\)](http://ipindia.nic.in/contact-us.htm) [Help Line \(http://ipindia.nic.in/helpline-page.htm\)](http://ipindia.nic.in/helpline-page.htm)

[Skip to Main Content](#)



[\(http://ipindia.nic.in/index.htm\)](http://ipindia.nic.in/index.htm)



<http://ipindia.nic.in>

Patent Search

Invention Title	ELECTRONIC VOTING APPARATUS AND METHOD OF OPERATING THE SAME
Publication Number	07/2023
Publication Date	17/02/2023
Publication Type	INA
Application Number	202341004548
Application Filing Date	23/01/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G07C0013000000, B62D0015020000, H04R0001280000, A61B0090000000, G06F0011100000

Inventor

Name	Address	Country	IP
Dr. N. Padmavathy	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I
Pulaparathi Ramyanjani	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I
Sirigineedi Sri Siddi Sai Mahesh	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I
Shaik Khaja Mastan Ahmed	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I
Likhithapudi Mamatha Rani	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I
K.V.S.H. Gayatri Sarman	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I

Applicant

Name	Address	Country	IP
Vishnu Institute of Technology	Vishnu Institute of Technology Vishnupur, Bhimavaram Andhra Pradesh 534202, India	India	I
Dr. N. Padmavathy	Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh -534202, India	India	I

Abstract:

ELECTRONIC VOTING APPARATUS AND METHOD OF OPERATING THE SAME ABSTRACT An electronic voting apparatus (100) is disclosed. The apparatus (100) enables a voter to cast a vote in an election. The voter is a visually impaired voter or a normal voter. The apparatus (100) firstly measures a distance between the voter and the apparatus then compares the measured distance with a pre-defined distance. Based on the compared result, if the measured distance is less than or equal to the pre-defined distance, the apparatus (100) enables a first sound unit (108), a second sound unit (110), and a third sound unit (112) separately one after another to enable the voter to cast the vote by a corresponding key of keys (114a-114n) provided on the apparatus (100). Claims: 10, Figures: 3 Figure 1 is selected.

Complete Specification

Description:BACKGROUND

Field of Invention

[001] Embodiments of the present invention generally relate to a voting apparatus and particularly to an electronic voting apparatus.

Description of Related Art

[002] Voting in elections is a fundamental right and fundamental duty of every citizen of a nation. Elections are mechanism through which individuals can express their political views. They express their views through public voting to select a political leader. This political figure would also have authority and accountability. Most notably, an election is a formal group decision-making procedure. In addition, the chosen political figure would hold public office. The election is unquestionably an important foundation of democracy. This is because elections assure that the government is of, by, and for the people. The Election Commission of India is a constitutional body headed by the Chief Election Commissioner as its head (CEC). The Election Commission is the Indian government institution in charge of holding free and fair elections in the country. It is a one-of-a-kind agency in terms of mandate, powers, and functions. It is one of the few completely autonomous agencies in the country, and its only constitutional obligation is to organize fair and unbiased elections.

[003] However, people with physical or mental disabilities face a challenge while participating in elections to cast their votes. Mainly it is because there are no provisions to accommodate and assist impaired people. Facilities such as ramps, and scribblers are not in sufficient number so that every disabled person can be assisted.

[004] Moreover, while casting vote at an Electronic Voting Machine (EVM), an individual usually practices confidentiality and do not disclose to whom they have cast

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>)
Copyright (<http://ipindia.gov.in/copyright.htm>) Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>)
Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>) Contact Us (<http://ipindia.gov.in/contact-us.htm>)
Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019