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(57) Abstract :

The present disclosure relates to a polling system 100 using digital ledger technology. The system 100 includes a processor 102 to cast the vote according to their preferences and generates a cryptographic hash for each transaction. All eligible voters are needed to register using unique identifiers such as government-issued papers to prove their status. Furthermore, the system 100 employs a powerful authentication method based on finger printing technology to ensure that only authorized voters have access to the system 100. After properly casting their vote, a voter is given their unique transaction ID in the form of a cryptographic hash. This transaction ID can be used by a user to determine whether their vote is counted.

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