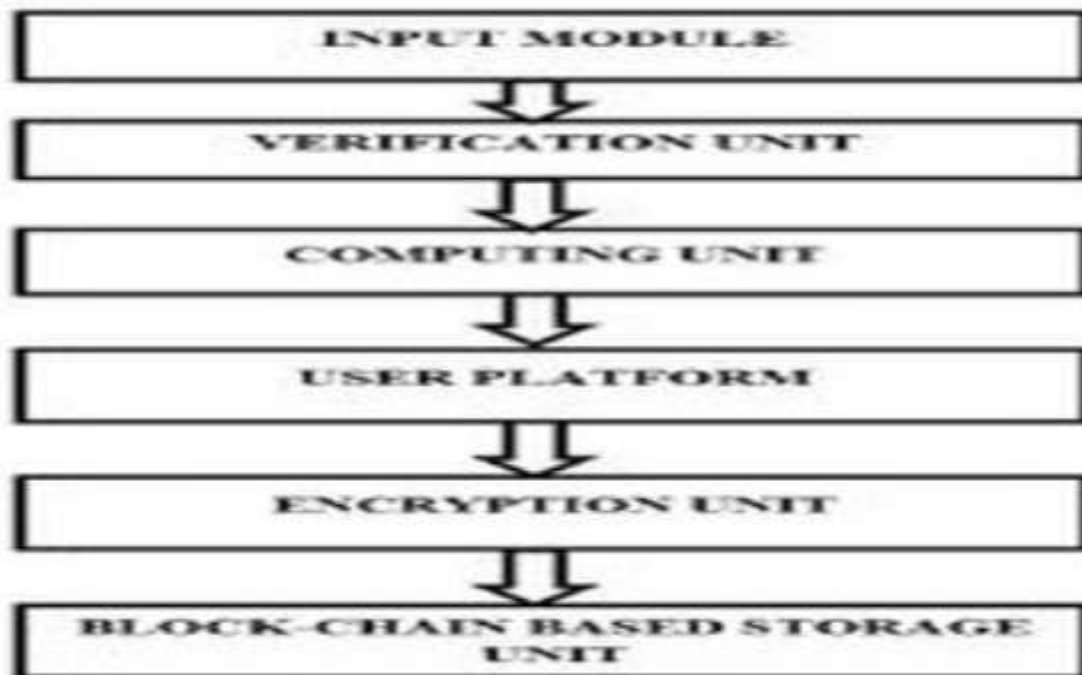


(54) Title of the invention : BLOCK-CHAIN BASED ELECTRONIC VOTING SYSTEM

<p>(51) International classification :G07C0013000000, H04L0009320000, H04L0029060000, G06F0021620000, H04L0009060000</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)CGC Technical Campus Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India</p> <p>(72)Name of Inventor : 1)Vineet Pratap Singh 2)Aditya Narayan 3)Pranav Bhatia 4)Gurjeet Singh 5)Aman Kashyap 6)Balpreet Singh</p>
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(57) Abstract :

A block-chain based electronic voting system an input module for accumulating credential(s) and biological parameter(s), digital signature from a voter, a verification unit for matching the credential(s) with a pre-defined set of rules and digital signature, parameter(s) with a pre-stored data, a computing unit that encodes a link into a digital code upon successful matching, a user platform that is accessed by the voter for scanning the code to open the link within the time period for giving vote to respective candidate, an encryption unit to transmute the vote into an encrypted block to preserve the identity of voter unknown and retain high security; and a block-chain based storage for securely retrieving the block and storing the block in a decentralized manner.



No. of Pages : 13 No. of Claims : 8