(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/07/2023

(21) Application No.202311048052 A

(43) Publication Date : 11/08/2023

(54) Title of the invention : SECURE MESSAGING APPLICATION USING END-TO-END ENCRYPTION

(51) International classification	:G06N 030800, H04L 093200, H04L 515800, H04L 693290, H04W 880600
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present disclosure relates to a system (100) that enables a secure messaging platform for sending confidential messages (110) between a sender and a recipient. The system (100) comprises multiple privacy and authentication systems (100) firstly to verify an identity of the user and secondly to protect the message being transmitted from any external attacks. The method comprises authenticating a user then encrypting (108) the message with an encryption key and sending this encrypted message (110) and the corresponding decrypting key over the connection to the recipient. At the recipient's end, the message (110) will be decrypted and displayed on his device. The end-to-end encryption ensures that the message (110) can only be read at the sender's (102) or receiver's (116) end without any possibility in the middle. The system (100) also ensures that data privacy is maintained and the sender (102) can also recall or delete the message.

No. of Pages : 26 No. of Claims : 10