METHODS AND COMPUTING DEVICES FOR AUTO-SUBMISSION OF USER AUTHENTICATION CREDENTIAL

ABSTRACT

Embodiments provide methods, and computing devices for auto-submission of user authentication credential. A method includes initiating, by a computing device CD1 of a user, a detection of a pre-paired computing device CD2 of the user based at least on an application requiring a credential to be entered. The application is running on the computing device CD1 and the credential is pre-stored in an encrypted form on a companion application running on the computing device CD2. The method includes generating a communication channel with the computing device CD2 based at least on generating a mutual authentication key by the computing devices CD1 and CD2. The method includes sending a request to receive the credential to the computing device CD2. The method includes receiving the credential in the encrypted form. The method includes decrypting the credential. The method includes facilitating the entering of the credential on the application without user intervention.

FIG. 5