

ABSTRACT**SYSTEM AND METHOD FOR ENABLING SECURE AUTHENTICATION**

Broadly speaking, embodiments of the present invention provide systems and methods to provide a solution to the SIM swap attack problem for users that possess smartphones. In particular, the systems and methods require an online banking customer to authenticate a transaction using a combined one-time password (OTP) formed of a remotely generated OTP (generated remote to the smartphone) and a locally generated OTP (generated on the smartphone).

Fig. 2