(c34) sending the authentication token, by the foreign application server, to the foreign application.

12. The method of claim 1, wherein step (c) comprises:

(cl) receiving a subscriber's user ID and password, by the foreign application server, from the foreign application;

(c2) receiving the subscriber's user ID and password, by a home telecom carrier's authentication server ("AS"), from the foreign application server;

(c3) authenticating a subscriber, by the home telecom carrier's AS checking the subscriber's user ID and password against a subscriber database; and

(c4) receiving, by the foreign application, or the foreign application server, a subscriber authentication token from the home telecom carrier's AS.

13. The method of claim 1, wherein the foreign application is a foreign wallet application and the foreign application server is a foreign wallet server.

14. The method of claim 13, further comprising:

(d) receiving a remittance request, by the foreign wallet server, from the foreign wallet application installed on the mobile device located at the foreign zone;

(e) receiving the remittance request, by a home wallet server, from the foreign wallet server;

(f) submitting the remittance request to a home telecom carrier's node of a distributed transaction consensus network to transfer digital property from a home virtual wallet to a target foreign wallet; and

(g) recording the remittance in a distributed ledger.

15. The method of claim 14, wherein, at step (e), the remittance request is sent by the foreign wallet server, to the home wallet server, via a foreign wallet application's authentication gateway and a home telecom carrier's authentication gateway.

16. The method of claim 14, wherein, at step (g), the distributed ledger has a blockchain data structure.

17. A method for making mobile payment from a home virtual wallet, ~~the foreign wallet~~ associated with a home carrier, the method comprising:

(a) receiving a remittance request, by a foreign wallet server, from a foreign wallet application supported by the foreign wallet server and installed on a mobile device located at a foreign zone;

(b) receiving the remittance request, by a home wallet server, from the foreign wallet server;

(c) submitting the remittance request to a home telecom carrier's node of a distributed transaction consensus network to transfer digital property from the home virtual wallet to a ~~targ~~et foreign virtual wallet associated with the foreign telecom carrier; and

(d) recording the remittance in a distributed ledger.

18. The method of claim 17, wherein, at step (b), the remittance request is sent by the foreign wallet server, to the home wallet server, via a foreign wallet application's authentication gateway and a home telecom carrier's authentication gateway.

19. The method of claim 17, wherein, at step (c), the foreign target wallet can be a subscriber's foreign virtual wallet, or a foreign merchant's virtual wallet.

20. The method of claim 17, wherein, at step (d), the distributed ledger has a blockchain data structure.