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(54) **Title:** TOKEN-BASED DYNAMIC AUTHORIZATION MANAGEMENT OF RFID SYSTEMS

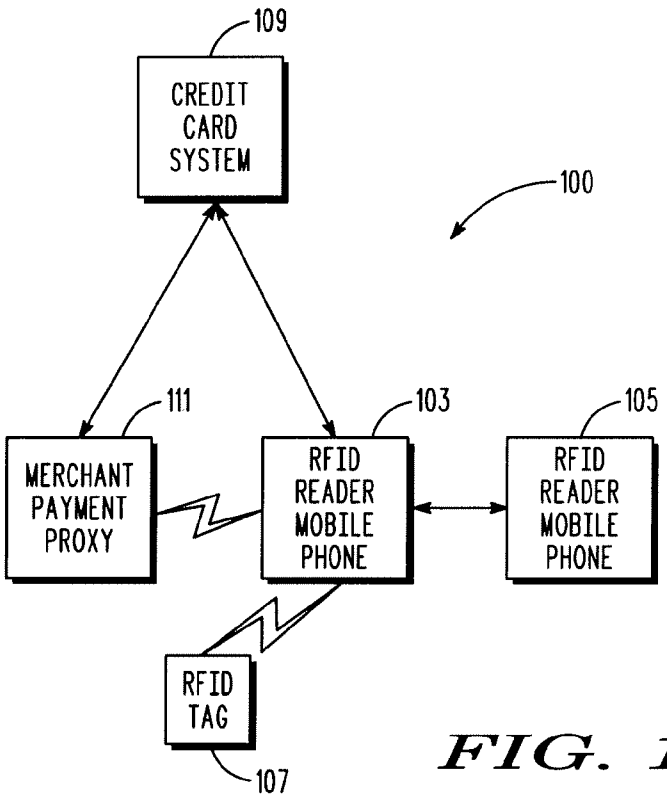


FIG. 1

(57) **Abstract:** A method of enabling a second RFID reader mobile phone (103) to act as an agent for a first RFID reader mobile phone (105) which sends a token to the second RFID reader mobile phone. The token includes information associated with the first RFID reader mobile phone. The token may also include a token expiration time, which causes the token to be disabled at the end of the token expiration time. The information associated with the first RFID reader mobile phone may include an RFID tag identifier associated with the first RFID reader mobile phone. In other embodiments, the information associated with the first RFID reader mobile phone may include authenticating information.

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CLAIMS

We claim:

1. A method of enabling a second RFID reader mobile phone to act as an agent for a first RFID reader mobile phone, the method comprising:

creating a token comprising information associated with the first RFID reader mobile phone and a token expiration time;

transmitting the token to the second RFID reader mobile phone; and

using the token to make a transaction.

5. The method as claimed in claim 1 wherein the transaction comprises locating an RFID tag.

6. The method as claimed in claim 1 wherein the transaction comprises purchasing an RFID-tagged product.

7. The method as claimed in claim 1 wherein the transaction comprises a financial transaction.

11. The method as claimed in claim 1 wherein the token further comprises a monetary authorization amount.

12. The method as claimed in claim 1 wherein the token further comprises a product identifier.

13. The method as claimed in claim 1 wherein the token further comprises financial institution information.

14. The method as claimed in claim 1 further comprising:

disabling the token.

15. The method as claimed in claim 14 wherein the token is disabled after a token expiration time.

16. The method as claimed in claim 14 wherein the token is disabled in response to a revocation.