

CLAIMS

What is claimed is:

1. A mobile device comprising:
a mobile application configured to:
receive information corresponding to an identifier of an RFID tag; and
communicate an emulate command to an RFID emulator based on the received identifier.
2. The mobile device of claim 1, wherein the information corresponding to the physical identifier is input by a user into the mobile application via the mobile device.
3. The mobile device of claim 1, wherein the mobile device comprises a camera, and wherein the mobile application receives the information corresponding to the physical identifier from a picture taken of the RFID tag by the camera.
4. The mobile device of claim 1, wherein the mobile application communicates with the RFID emulator via one of Bluetooth NFC, Wi-Fi or Ultra WideBand.
5. The mobile device of claim 1, wherein the mobile application is further configured to:
upload the identifier to a server to determine a chip/identifying number corresponding to the RFID tag; and
receive the chip/identifying number from the server; and
wherein the emulate command is based on the received chip/identifying number.
6. The mobile device of claim 5, wherein the mobile application is further configured to upload RFID tag manufacturer or issuer identification information to the server.
7. The mobile device of claim 6, wherein the server determines the chip/identifying number by requesting the chip/identifying number corresponding to the identifier from a

manufacturer or an issuer database, wherein the manufacturer or issuer is selected based on the manufacturer or issuer identification information.

8. The mobile device of claim 5, wherein the server determines the chip/identifying number by requesting the information corresponding to the physical identifier from a manufacturer or an issuer database, wherein the manufacturer or issuer is selected based in part on the identifier.

9. A system comprising:

a server;

a universal RFID device; and

a mobile application configured to:

receive information corresponding to an identifier of an RFID tag;

upload the physical identifier information to the server, wherein the server is configured to determine a chip/identifying number of the RFID tag based on the identifier;

receive the chip/identifying number of the RFID tag from the server; and

communicate an emulate command to the universal RFID device based on the received unique serial code.

10. The system of claim 9, wherein the information corresponding to the physical identifier is input by a user into the mobile application.

11. The system of claim 9, wherein the mobile application receives information corresponding to the physical identifier from a picture taken of the RFID tag.

12. The system of claim 9, wherein the mobile application communicates with the RFID emulator via one of Bluetooth NFC, Wi-Fi or Ultra WideBand.

13. The system of claim 9, wherein the mobile application communicates with the server via webservices.

14. The system of claim 9, wherein the mobile application further uploads RFID tag manufacturer or issuer identification information to the server.

15. The system of claim 9, wherein the server determines the chip/identifying number by requesting the information corresponding to the identifier from a manufacturer or an issuer database, wherein the manufacturer or issuer is selected based on the manufacturer or issuer identification information.

16. The system of claim 9, wherein the server determines the chip/identifying number by requesting the serial code corresponding to the physical identifier from a manufacturer or an issuer database, wherein the manufacturer or issuer is selected based in part on the physical identifier.

17. A method comprising:
receiving, at a mobile application, an identifier of an RFID tag;
uploading the identifier from the mobile application to a server;
determining, via the server, a chip/identifying number of the RFID tag based on the physical identifier; and
storing, in a database hosted on the server, the chip/identifying number and the identifier.

18. The method of claim 17, further comprising sending the chip/identifying number and the identifier to the mobile application.

19. The method of claim 17, further comprising emulating, via an RFID emulator in communication with the mobile application, the RFID tag.

20. The method of claim 17, wherein the mobile application communicates with the server via webservices.