



(12) **United States Patent**
Lowe

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(54) **SYSTEM AND METHOD FOR REMOTELY ASSIGNING AND REVOKING ACCESS CREDENTIALS USING A NEAR FIELD COMMUNICATION EQUIPPED MOBILE PHONE**

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H04M 1/66 (2006.01)
H04L 29/06 (2006.01)

(52) **U.S. Cl.** **455/411**; 713/200; 713/158

(58) **Field of Classification Search** 713/200,
713/201, 158; 455/403, 461, 414, 412, 411;
705/1

See application file for complete search history.

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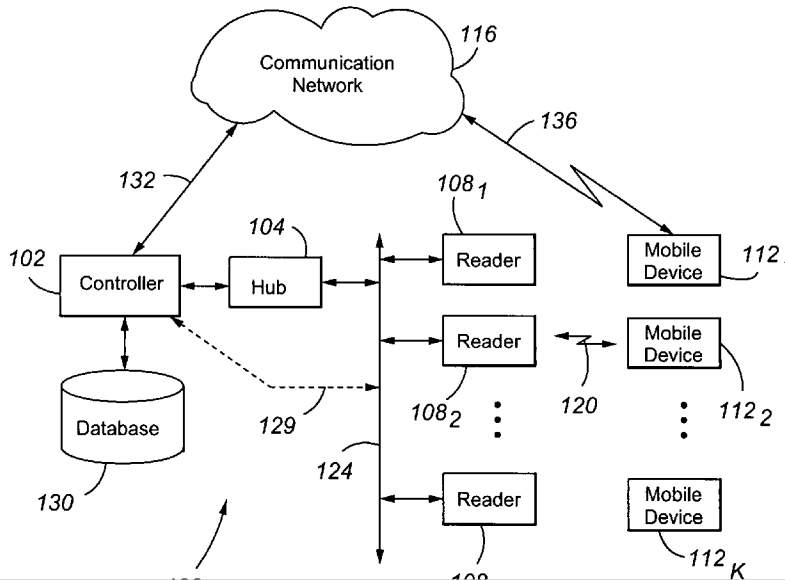
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(57) **ABSTRACT**

The present invention is generally directed toward a mobile device that can be used in a secure access system. More specifically, the mobile device can have credential data loaded thereon remotely updated, enabled, disabled, revoked, or otherwise altered with a message sent from, for example, a control panel and/or controller in the system.

42 Claims, 5 Drawing Sheets



SPECTRUM EX. 1001

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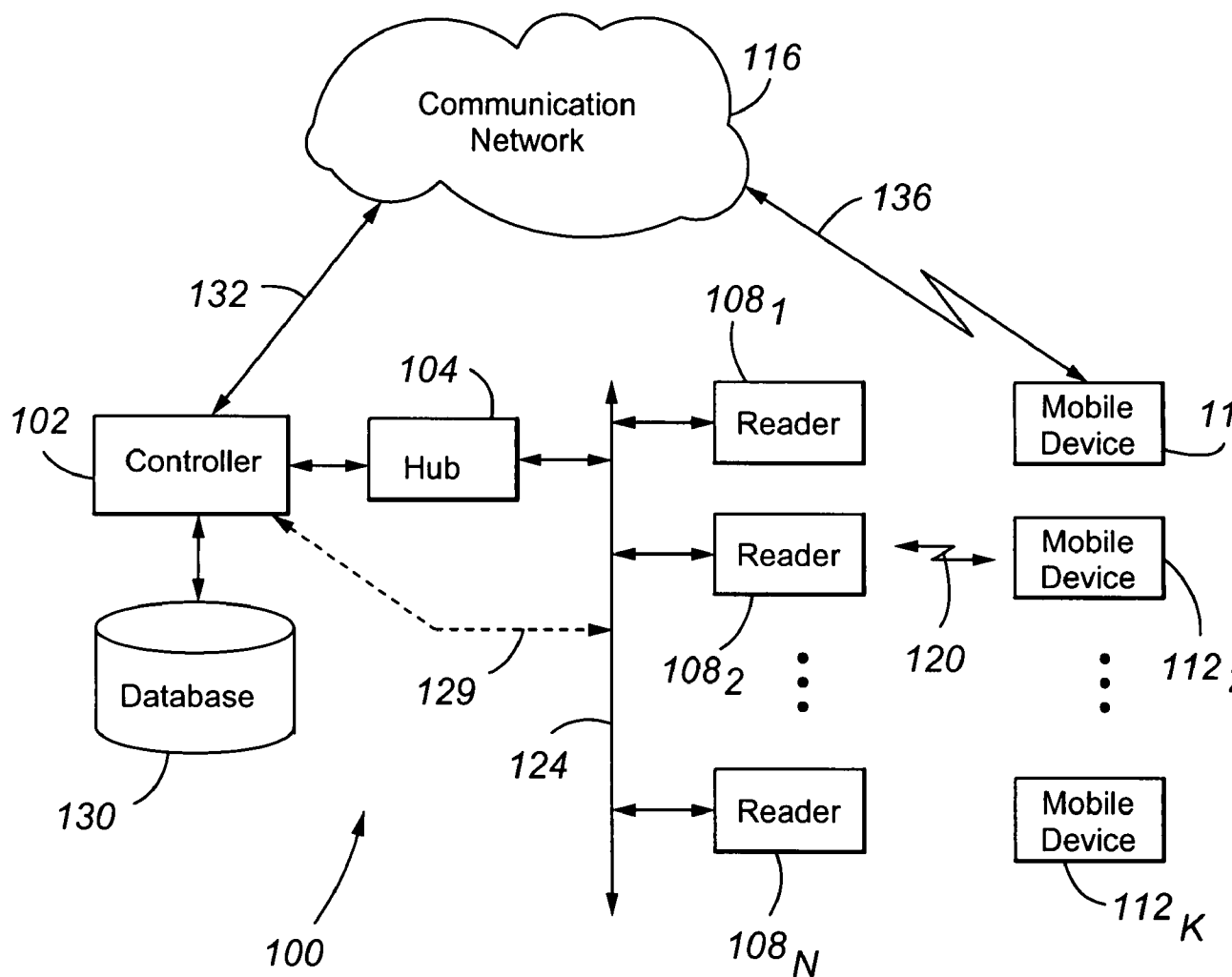


Fig. 1

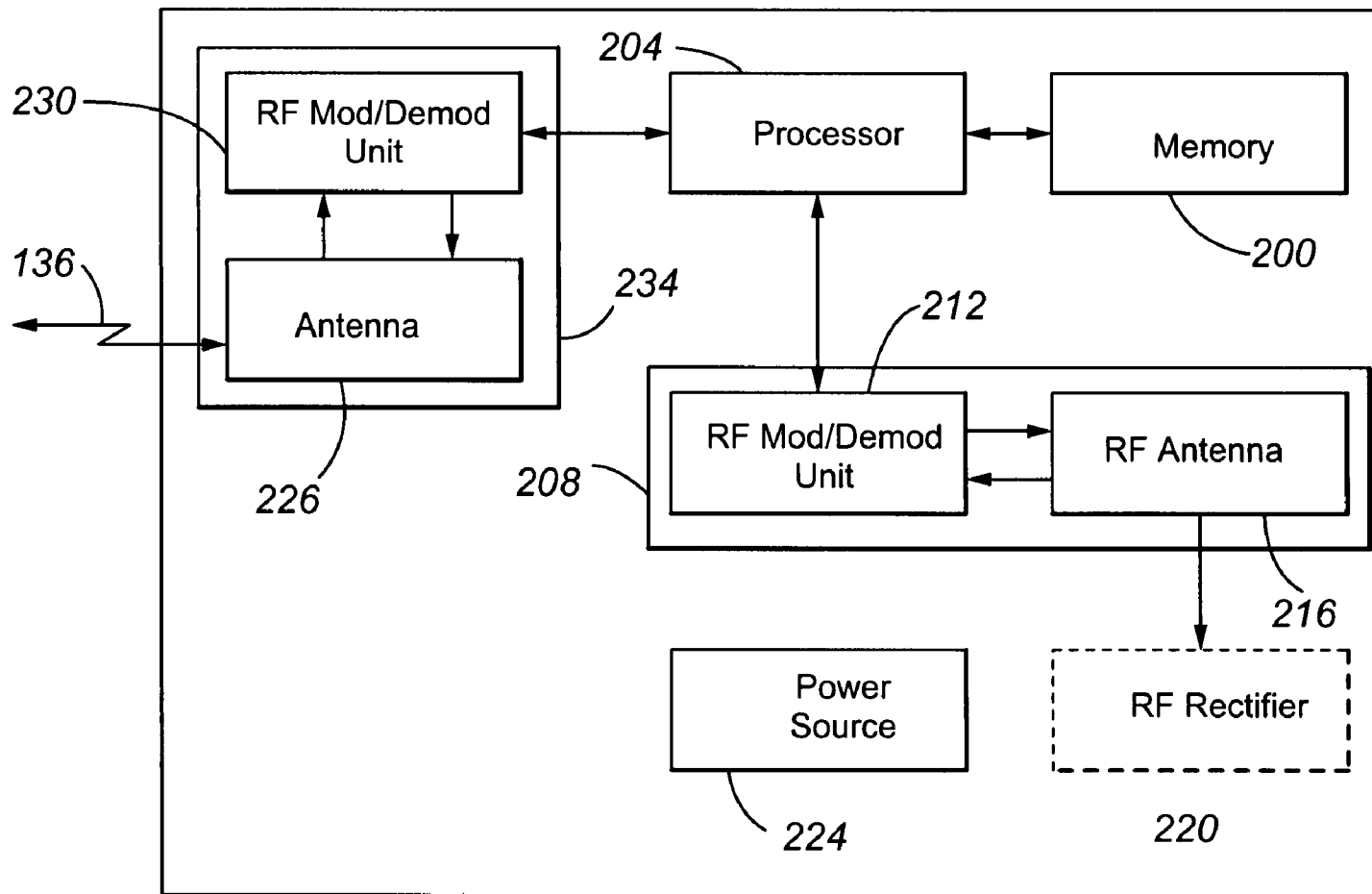


Fig. 2

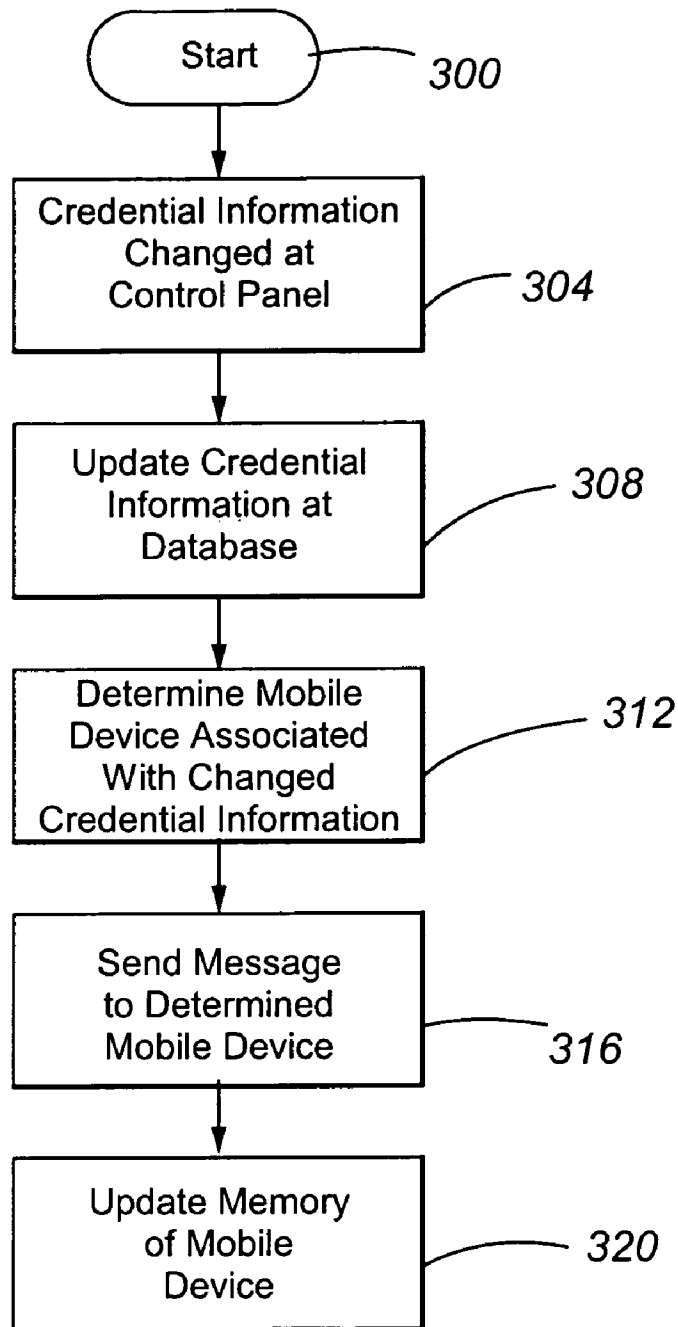


Fig. 3

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