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(54) Title: AUTOMATIC PROVISIONING OF IOT DEVICES

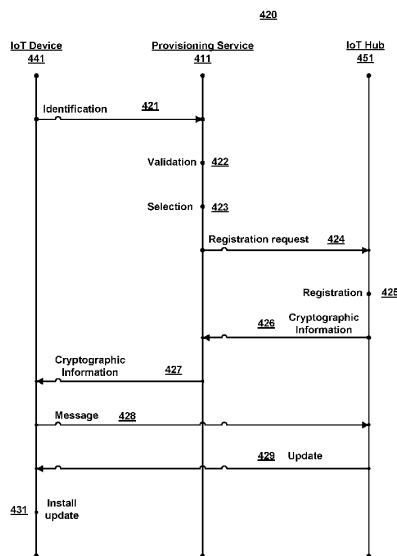


FIG. 4

(57) Abstract: The disclosed technology is generally directed to IoT communications. For example, such technology is usable in provisioning IoT devices in an automatic manner with no manual steps. In one example of the technology, upon initial boot, identification information is automatically sent to a provisioning service endpoint stored in the IoT device. The identification information includes an identification (ID) of the first IoT device. Cryptographic information is received from the provisioning service. The cryptographic information is associated with an IoT hub selected from a plurality of IoT hubs based, in part, on the ID of the first IoT device. A message is automatically sent to the IoT hub in response to receiving the cryptographic information. A new configuration file and a firmware update are received from the IoT hub without requiring a user association. The new configuration file and the firmware update are automatically installed.

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