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(54) **SYSTEMS AND METHODS FOR CONSERVING GUEST ROOM RESOURCES AND UTILITIES USING INTERNET OF THINGS DEVICES**

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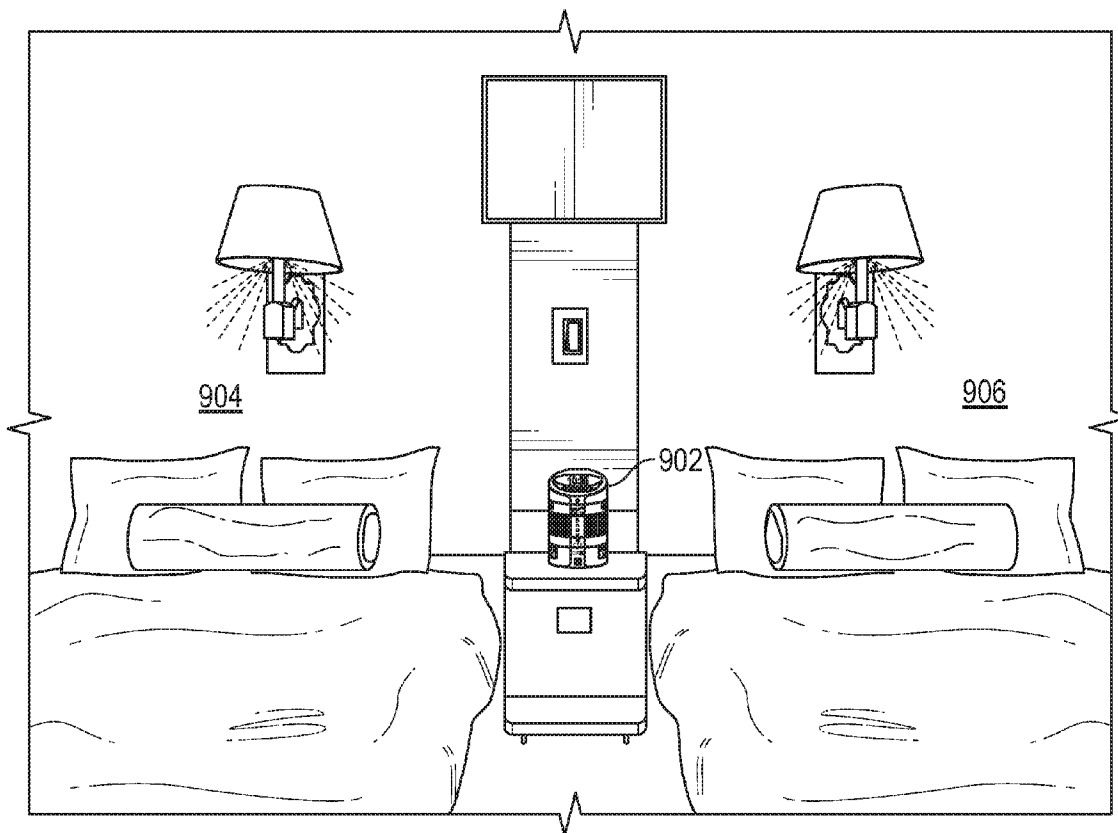
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(63) Continuation-in-part of application No. 15/636,546, filed on Jun. 28, 2017, which is a continuation-in-part of application No. 15/586,191, filed on May 3, 2017, which is a continuation of application No. 14/622,850, filed on Feb. 14, 2015, which is a continuation-in-part of application No. 61/940,160, filed on Feb. 14, 2014.

(57) **ABSTRACT**

An IOT module includes a thermostat controller operable by the user to remotely (e.g., wirelessly) control the state of the relay which, in turn, operates the PTAC/HVAC unit in much the same way (typically a wired connection) as the wall mounted thermostat previously did so before being replaced (or augmented) by the relay.



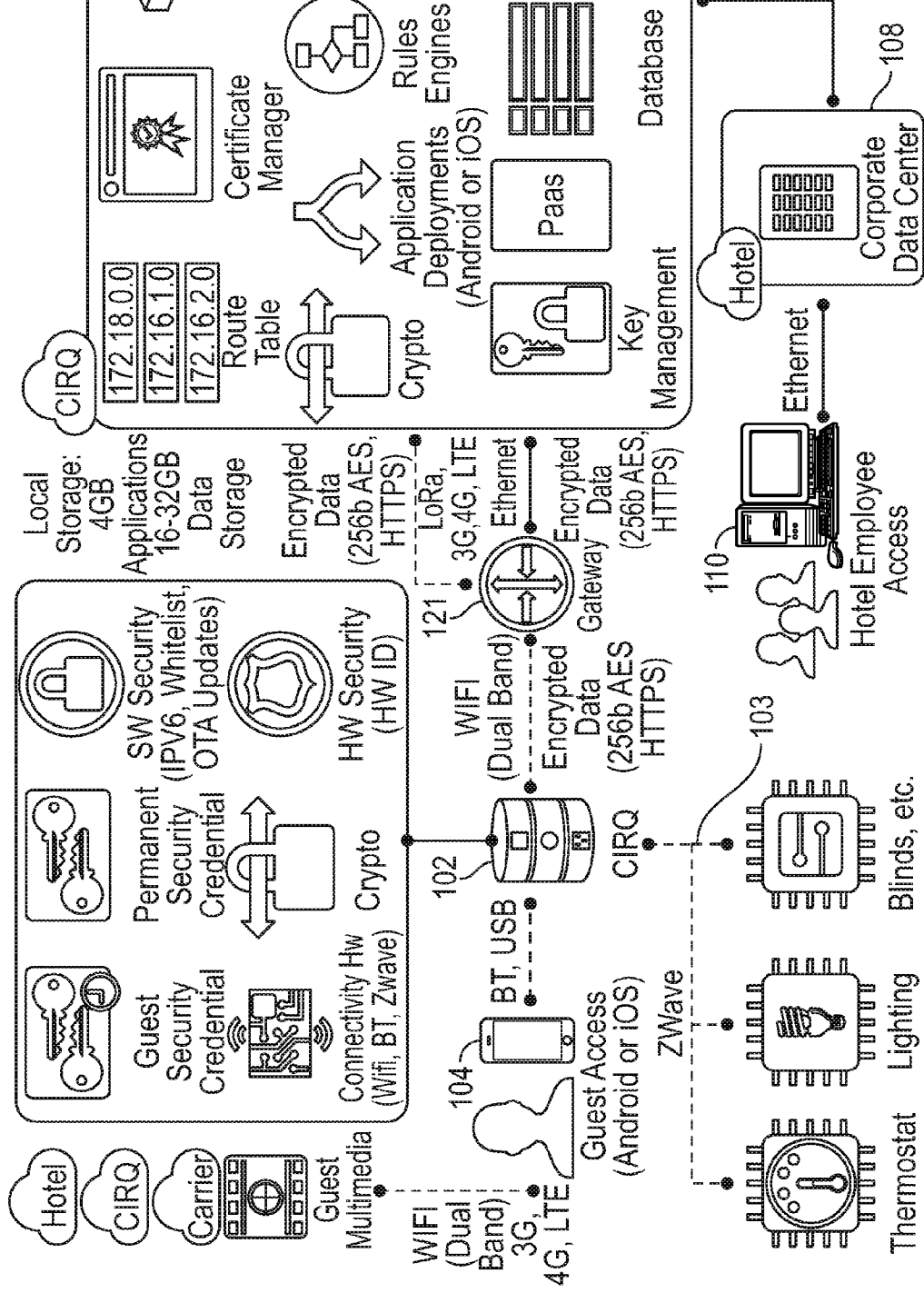


FIG. 1

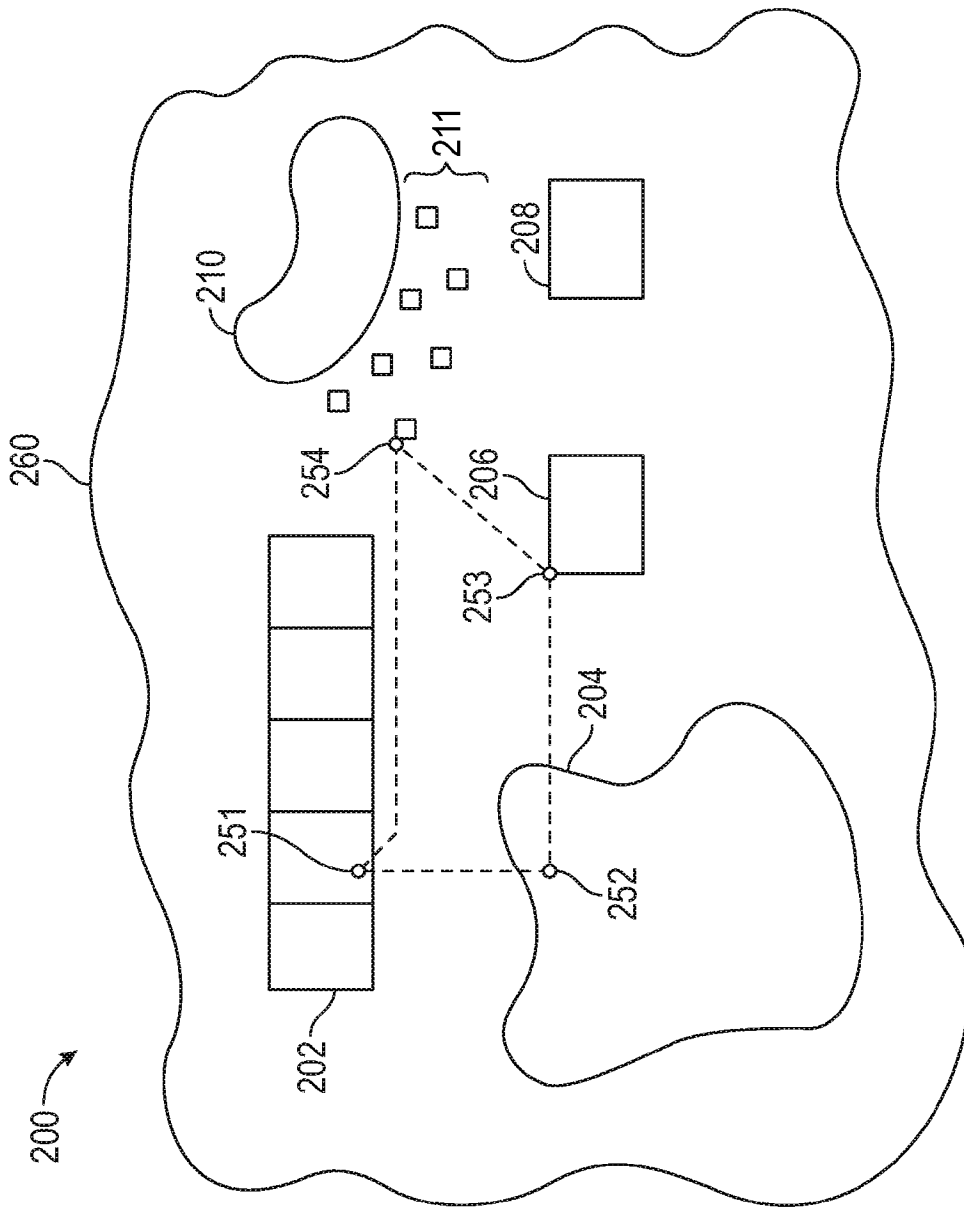


FIG. 2

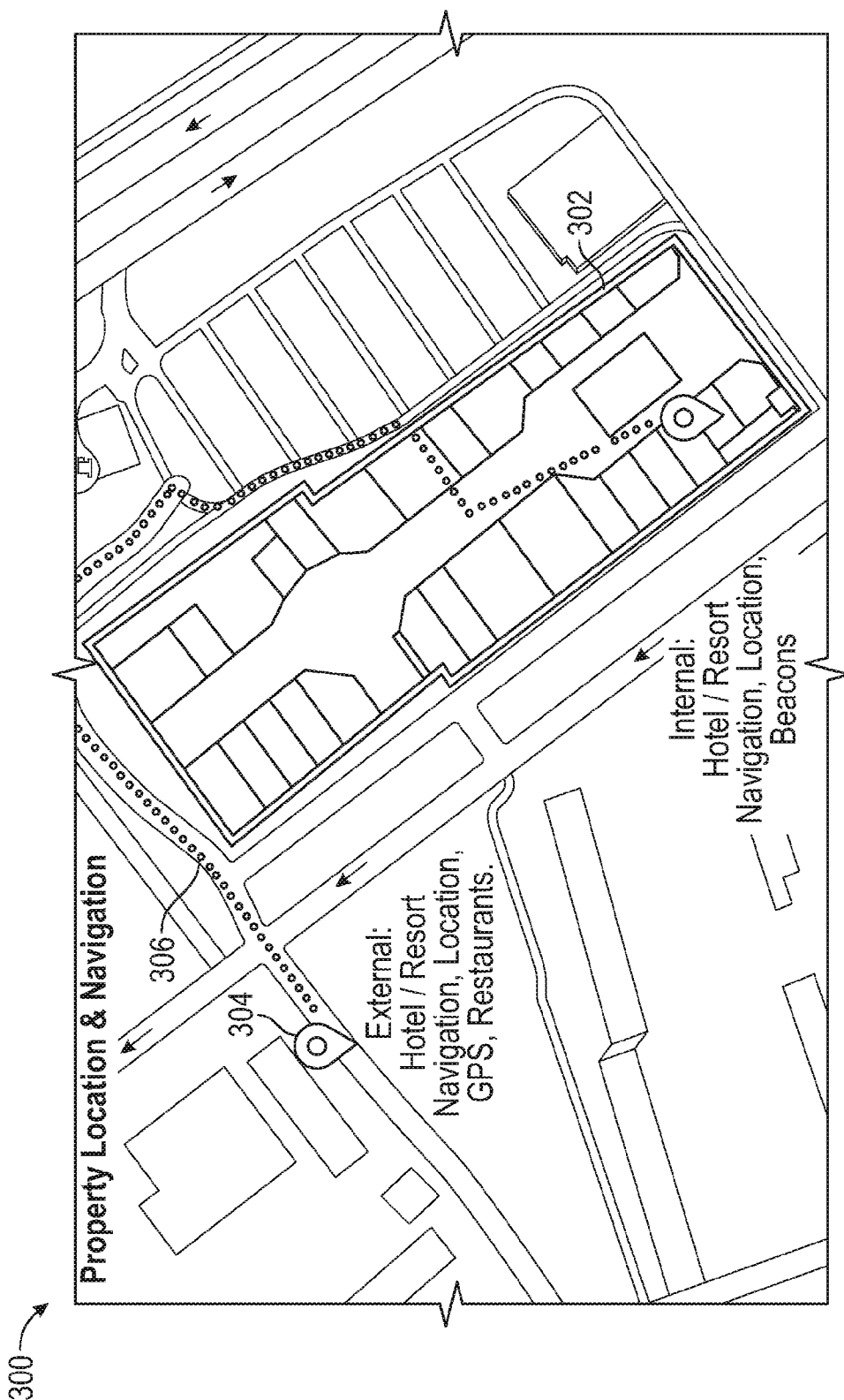


FIG. 3

Property Tagging

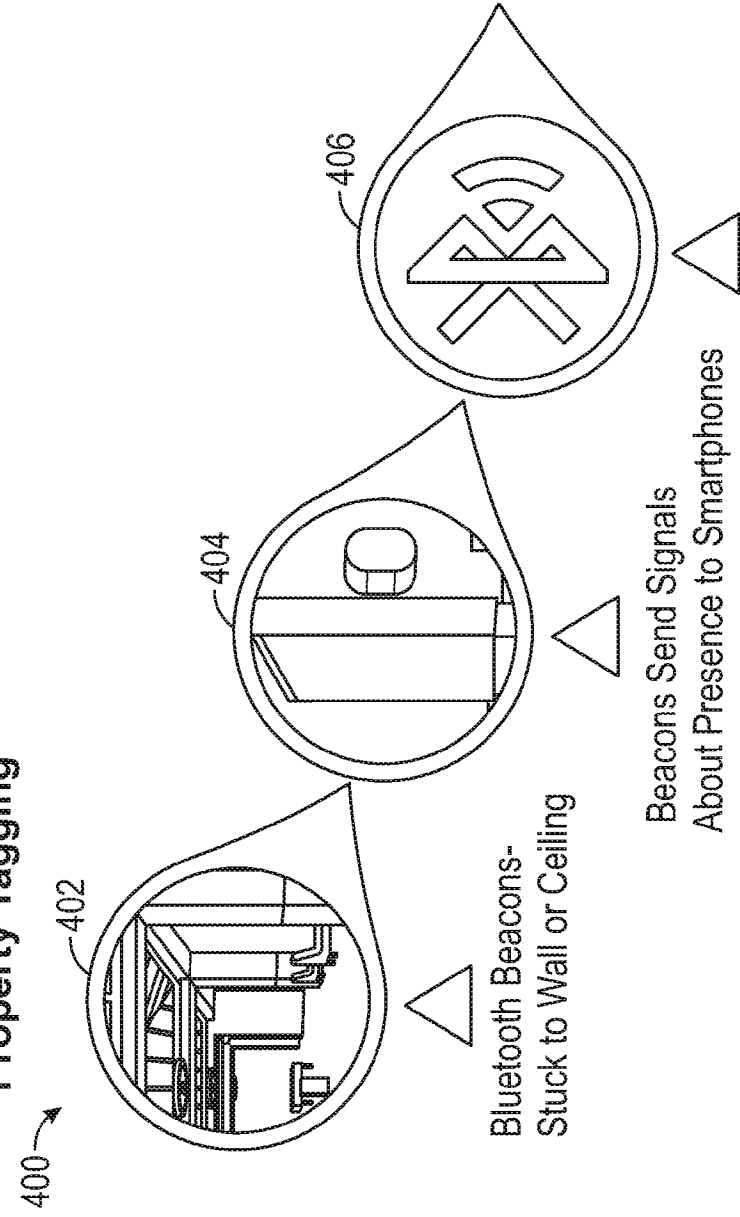


FIG. 4

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