



(12) **United States Patent**
Steinberg

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(54) **SYSTEM AND METHOD FOR USING A WIRELESS DEVICE AS A SENSOR FOR AN ENERGY MANAGEMENT SYSTEM**

(58) **Field of Classification Search**
CPC F24F 11/006; F24F 11/70; F24F 11/62;
F24F 11/30; F24F 11/56; F24F 2120/12;
(Continued)

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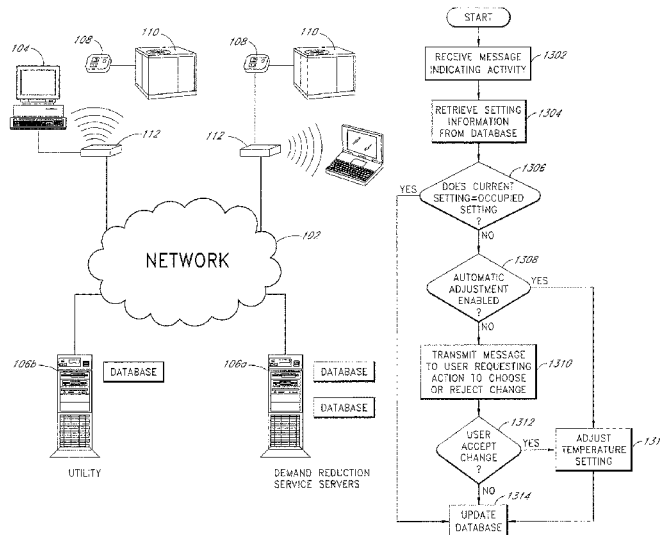
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(57) **ABSTRACT**

The invention comprises systems and methods for detecting the use of networked consumer electronics devices as indications of occupancy of a structure for purposes of automatically adjusting the temperature setpoint on a thermostatic HVAC control. At least one thermostat is located inside a structure and is used to control an HVAC system in the structure. At least one networked electronic device is used to indicate the state of occupancy of the structure. The state of occupancy is used to alter the setpoint on the thermostatic HVAC control to reduce unneeded conditioning of unoccupied spaces.

(52) **U.S. Cl.**
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(51) **Int. Cl.**

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See application file for complete search history.

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