



(19) **United States**

(12) **Patent Application Publication**

Nicodem et al.

(10) **Pub. No.: US 2008/0099568 A1**

(43) **Pub. Date: May 1, 2008**

(54) **WIRELESS TEMPERATURE CONTROL SYSTEM**

Publication Classification

- (51) **Int. Cl.**
G05D 23/00 (2006.01)
- (52) **U.S. Cl.** **236/51**
- (57) **ABSTRACT**

(75) Inventors: **Harry E. Nicodem**, Richmond, IL (US); **J. Steven Martin**, McHenry, IL (US)

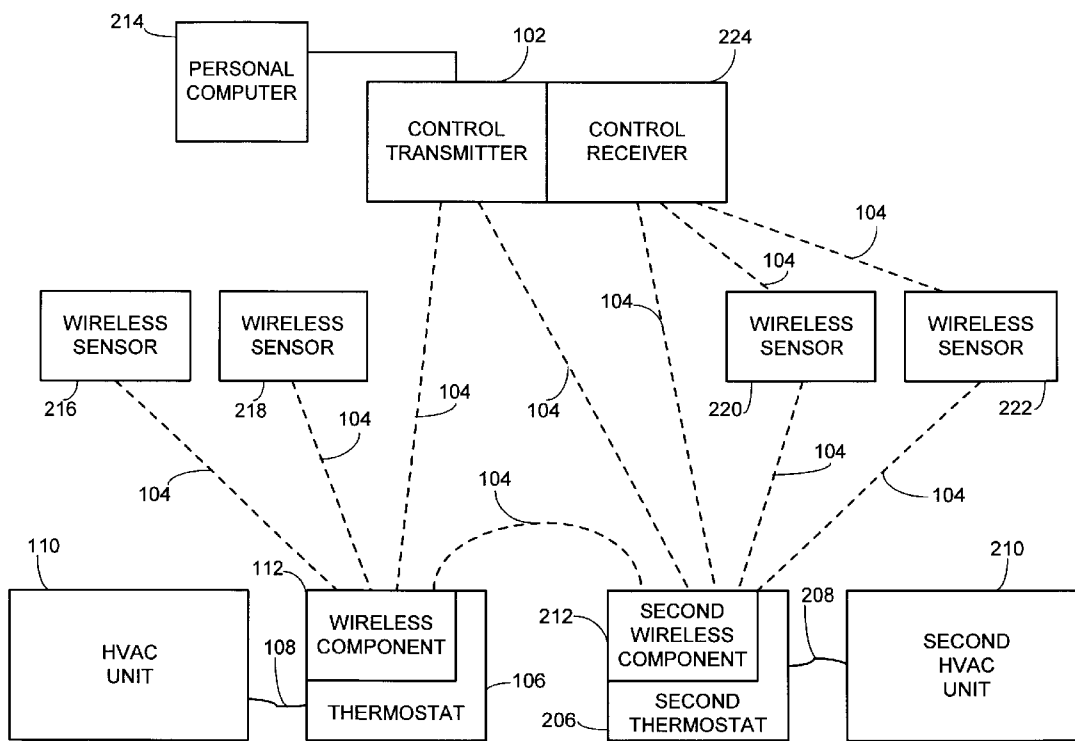
Correspondence Address:
VEDDER PRICE KAUFMAN & KAMMHOLZ
222 N. LASALLE STREET
CHICAGO, IL 60601

(73) Assignee: **TONERHEAD, INC.**, McHenry, IL (US)

(21) Appl. No.: **11/554,694**

(22) Filed: **Oct. 31, 2006**

An apparatus such as a wireless temperature control system or a method for controlling an HVAC unit from a central location may include a control transmitter for sending programming data. One or more thermostats, each wired to an associated HVAC unit or units, have a wireless component for receiving the programming data from the control transmitter via a localized wireless network. The one or more thermostats of the system are not dependent upon the control transmitter or the localized wireless network for continued operation. Using this apparatus or method, a user may, among other things, transmit programming data to one or more HVAC units from one central location.



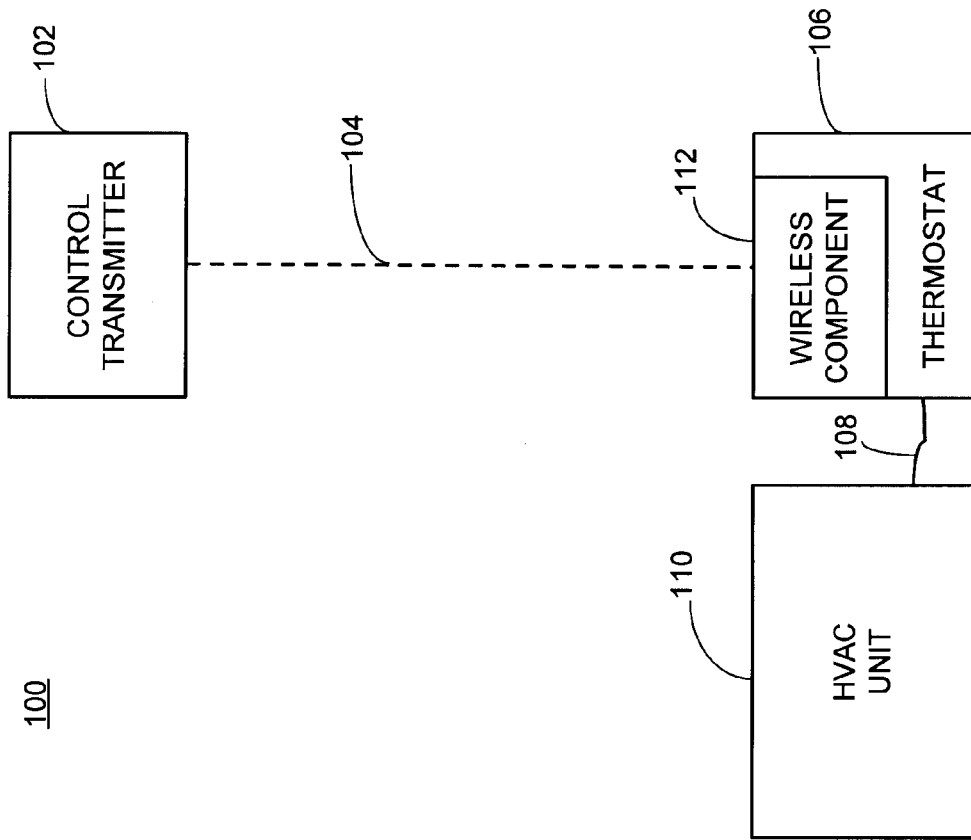
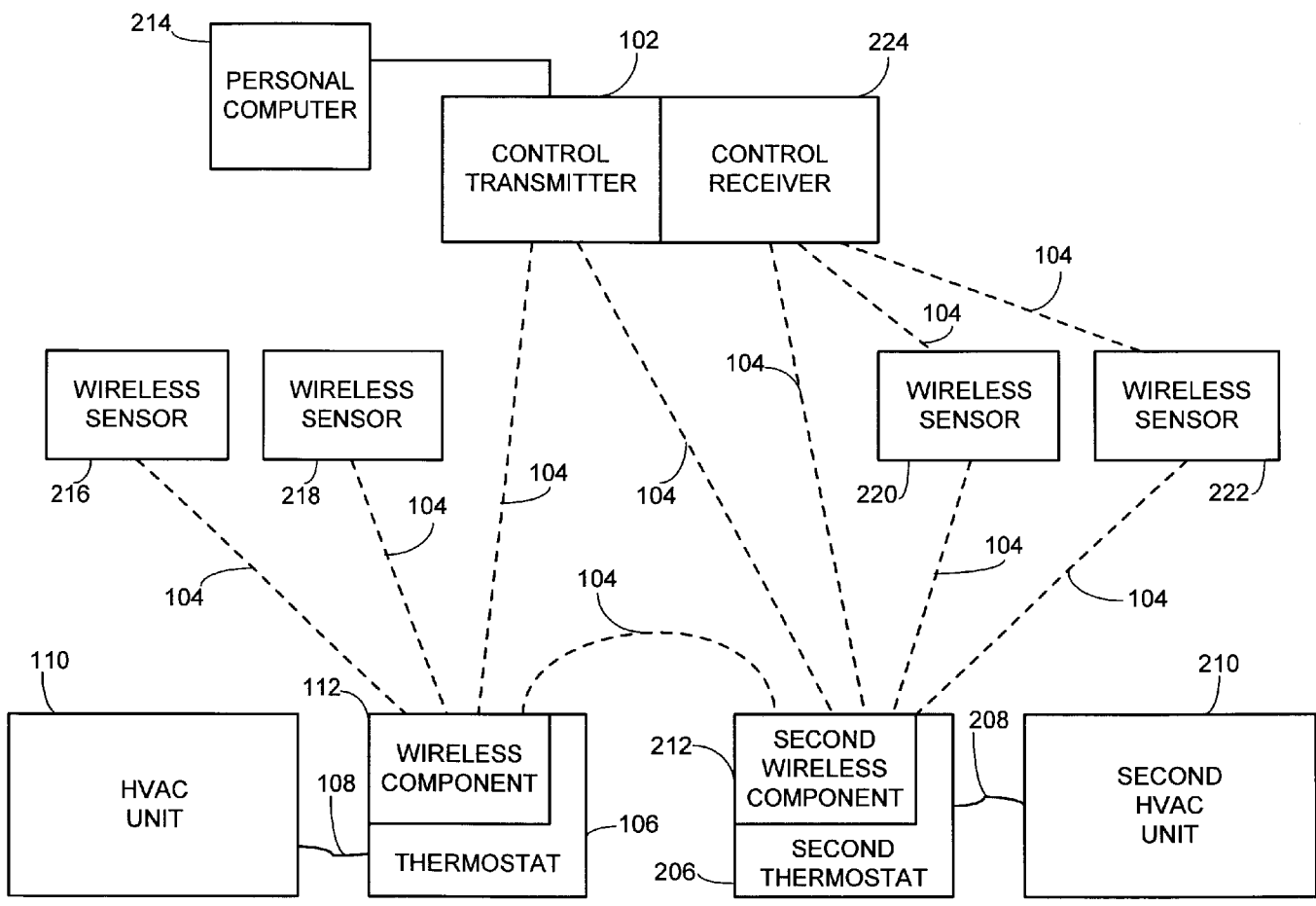


FIG. 1



200

FIG. 2

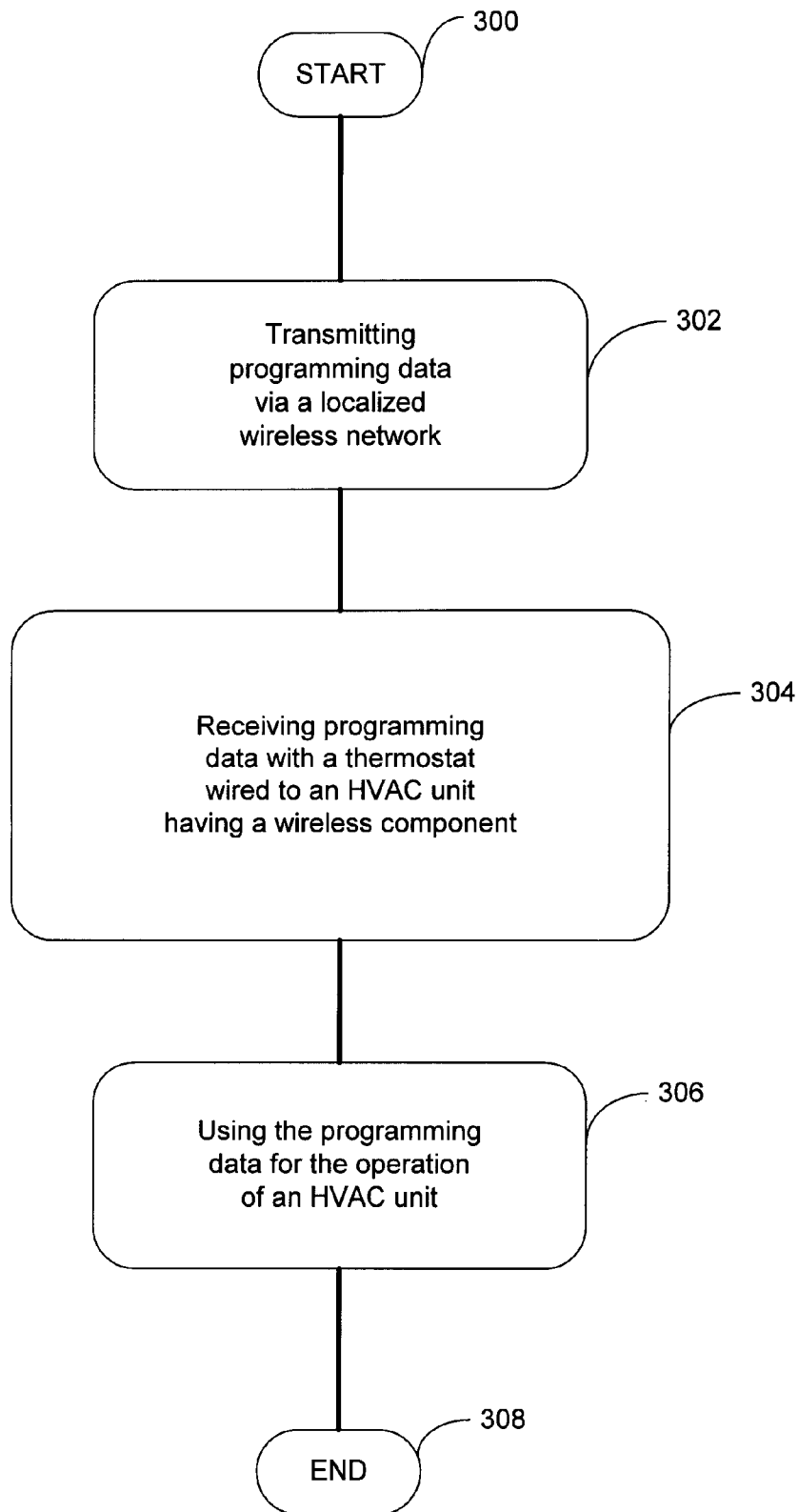


FIG. 3

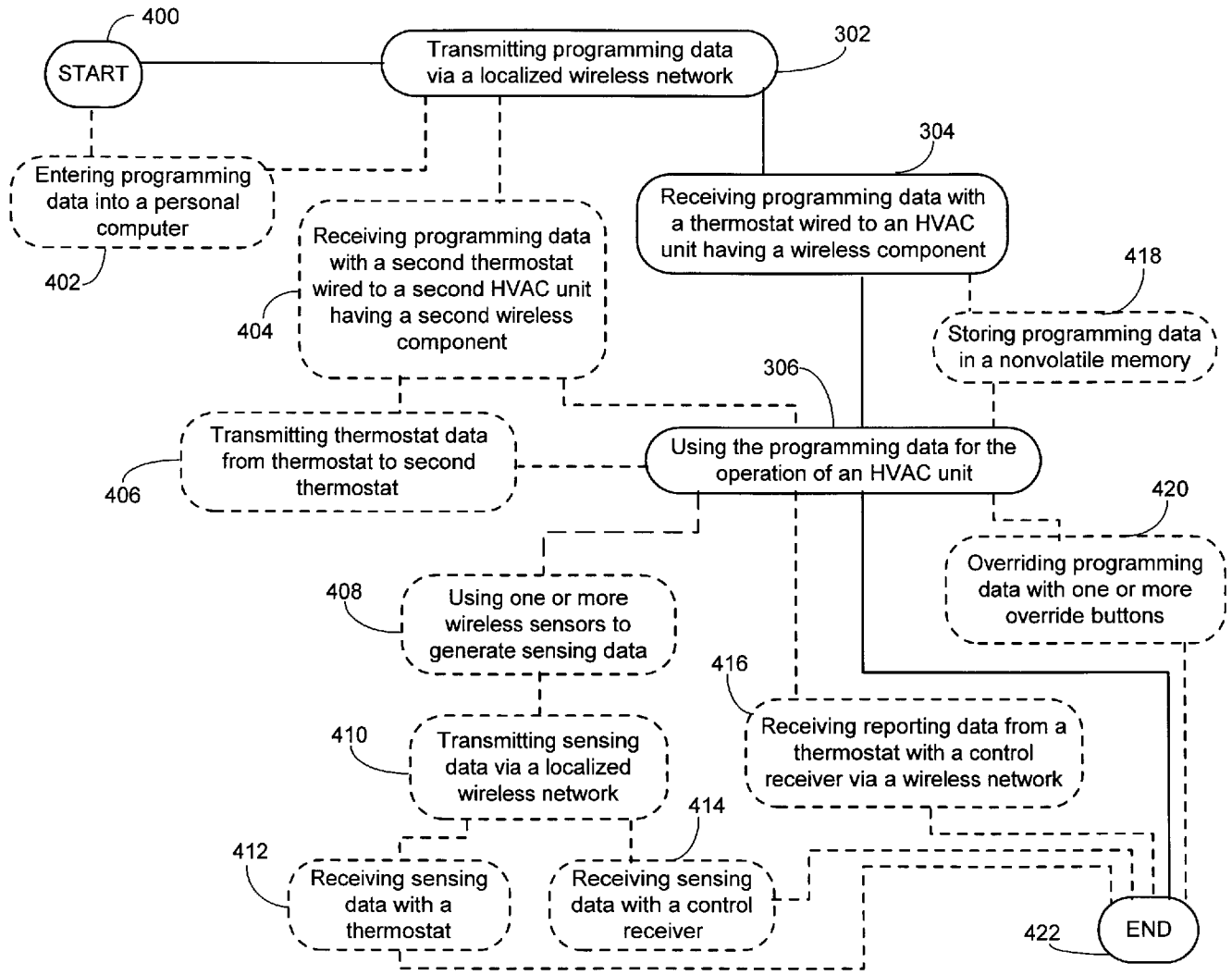


FIG. 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.