

EXHIBIT 8

TO COMPLAINT

US006914893B2

(12) **United States Patent**
Petite(10) **Patent No.:** **US 6,914,893 B2**(45) **Date of Patent:** **Jul. 5, 2005**(54) **SYSTEM AND METHOD FOR MONITORING AND CONTROLLING REMOTE DEVICES**(75) Inventor: **Thomas D. Petite**, Douglasville, GA (US)(73) Assignee: **StatSignal IPC, LLC**, Atlanta, GA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 824 days.

(21) Appl. No.: **09/812,044**(22) Filed: **Mar. 19, 2001**(65) **Prior Publication Data**

US 2003/0067889 A1 Apr. 10, 2003

Related U.S. Application Data(63) Continuation of application No. 09/704,150, filed on Nov. 1, 2000, and a continuation-in-part of application No. 09/439,059, filed on Nov. 12, 1999, and a continuation-in-part of application No. 09/412,895, filed on Oct. 5, 1999, and a continuation-in-part of application No. 09/271,517, filed on Mar. 18, 1999, and a continuation-in-part of application No. 09/172,554, filed on Oct. 14, 1998, and a continuation-in-part of application No. 09/102,178, filed on Jun. 22, 1998.
(60) Provisional application No. 60/224,043, filed on Aug. 9, 2000.(51) **Int. Cl.**⁷ **H04Q 7/24**(52) **U.S. Cl.** **370/338; 370/310; 370/328; 370/401**(58) **Field of Search** **370/338, 310, 370/310.2, 312, 313, 315, 328, 400, 401**(56) **References Cited****U.S. PATENT DOCUMENTS**

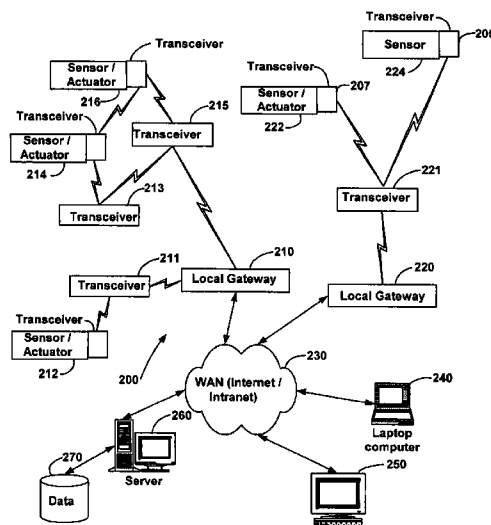
5,590,179 A 12/1996 Shincovich et al. 379/107

5,604,869 A	*	2/1997	Mincher et al.	709/232
5,619,192 A		4/1997	Ayala	340/870.02
5,897,607 A		4/1999	Jenney et al.	702/62
5,963,650 A		10/1999	Simionescu et al.	380/49
6,087,957 A		7/2000	Gray	340/825.54
6,246,677 B1		6/2001	Nap et al.	370/346
6,362,745 B1	*	3/2002	Davis	340/637
6,366,217 B1		4/2002	Cunningham et al.	340/870.31
6,735,630 B1	*	5/2004	Gelvin et al.	709/224

* cited by examiner

Primary Examiner—Phirin Sam(74) *Attorney, Agent, or Firm*—Troutman Sanders LLP; Ryan A. Schneider; James Hunt Yancey, Jr.(57) **ABSTRACT**

The present system is directed to a computerized system for monitoring and controlling remote devices by transmitting data between the remote systems and a gateway interface via a packet message protocol system. The system comprises one or more remote sensors to be read and possibly one or more actuators to be remotely controlled. The remote sensor (s)/actuator(s) then interface with uniquely identified remote transceivers that transmit and/or receive data. If necessary in individual applications, signal repeaters may relay information between the transceiver(s) and the gateway interface. Communication links between the remote transceivers and the gateway interface are preferably wireless but may also be implemented via a mixture of wireless and wired communication links. To successfully communicate between the transceiver(s) and the gateway interface, the present invention receives a plurality of RF signal transmissions containing a packet protocol via RF signals that includes sender and receiver identifiers, a description of the packet itself, a message number, any commands, the data, and an error detector. In addition, the packet protocol can be easily integrated with alternate data communication protocols for use with systems other than the Internet.

44 Claims, 9 Drawing Sheets

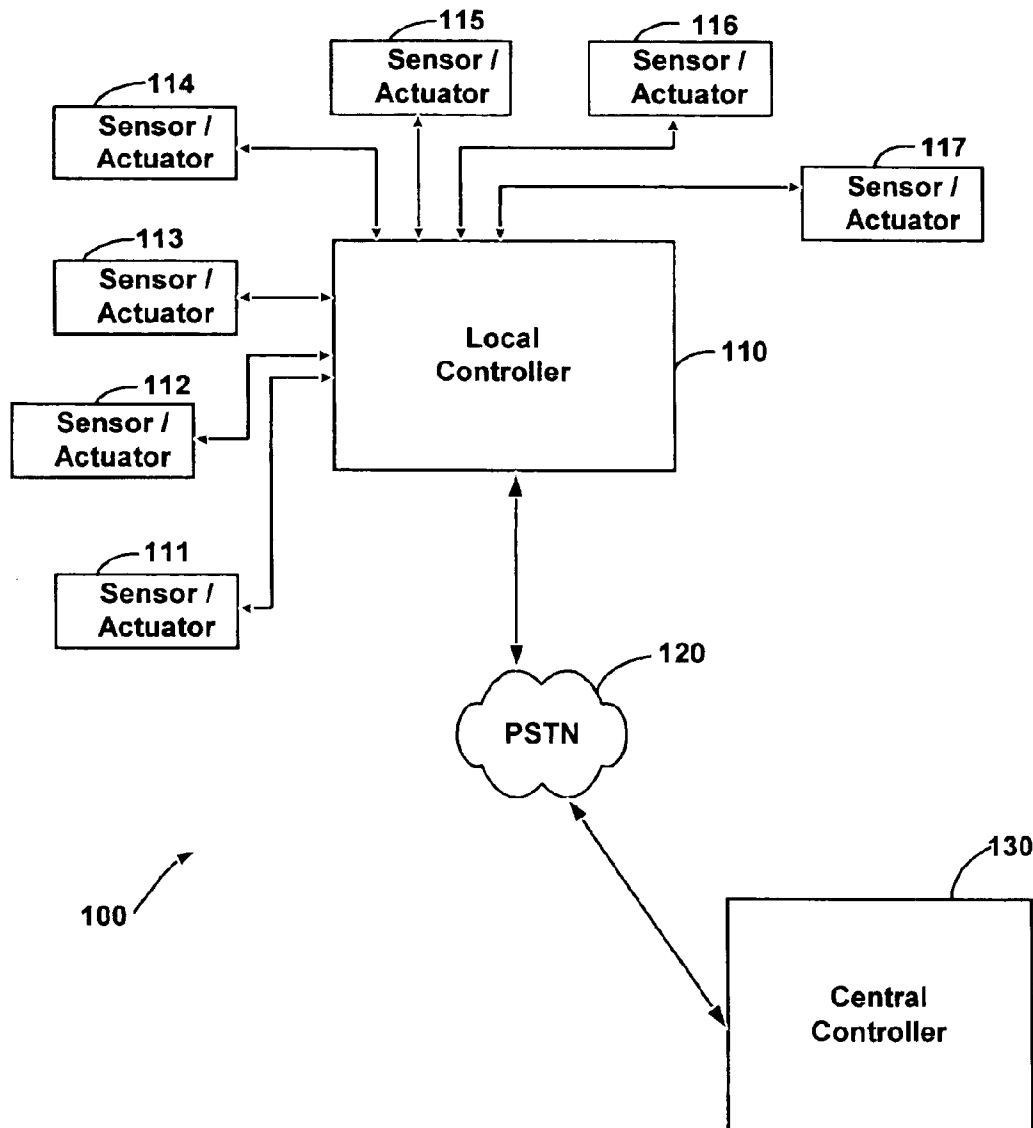


FIG. 1
(PRIOR ART)

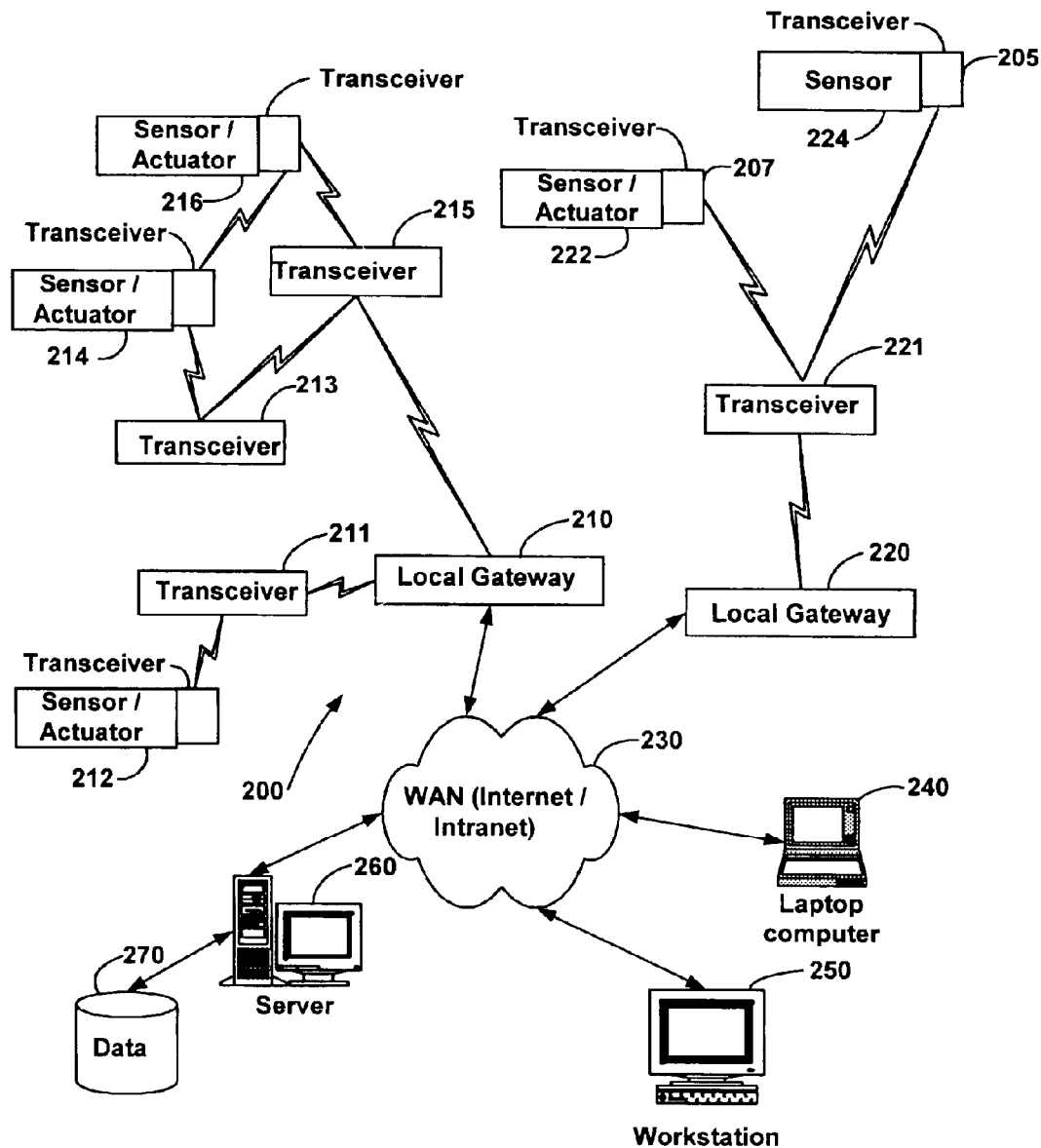


FIG. 2

U.S. Patent

Jul. 5, 2005

Sheet 3 of 9

US 6,914,893 B2

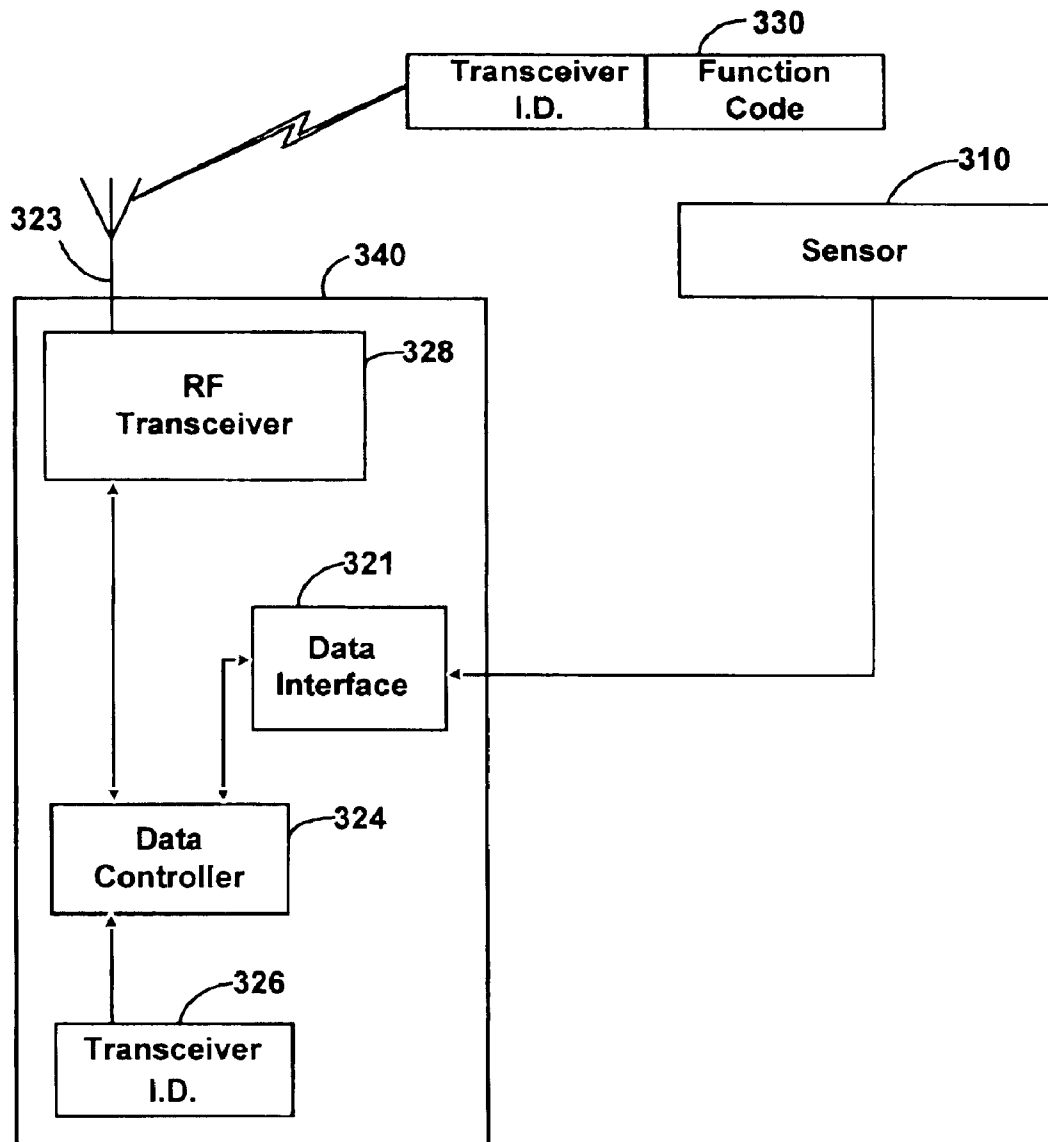


FIG. 3

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.