

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0174070 A1**

**Garrod et al.**

(43) **Pub. Date: Sep. 18, 2003**

(54) **WIRELESS SUPERVISORY CONTROL AND DATA ACQUISITION**

**Publication Classification**

(76) Inventors: **J. Kelly Garrod**, Evergreen, CO (US);  
**Timothy M. Sullivan**, Littleton, CO (US)

(51) **Int. Cl.<sup>7</sup>** ..... **H04Q 9/00**; G08C 19/22  
(52) **U.S. Cl.** ..... **340/870.07**; 340/825.69; 340/825.72

Correspondence Address:

**DORSEY & WHITNEY, LLP**  
**INTELLECTUAL PROPERTY DEPARTMENT**  
**370 SEVENTEENTH STREET**  
**SUITE 4700**  
**DENVER, CO 80202-5647 (US)**

(57) **ABSTRACT**

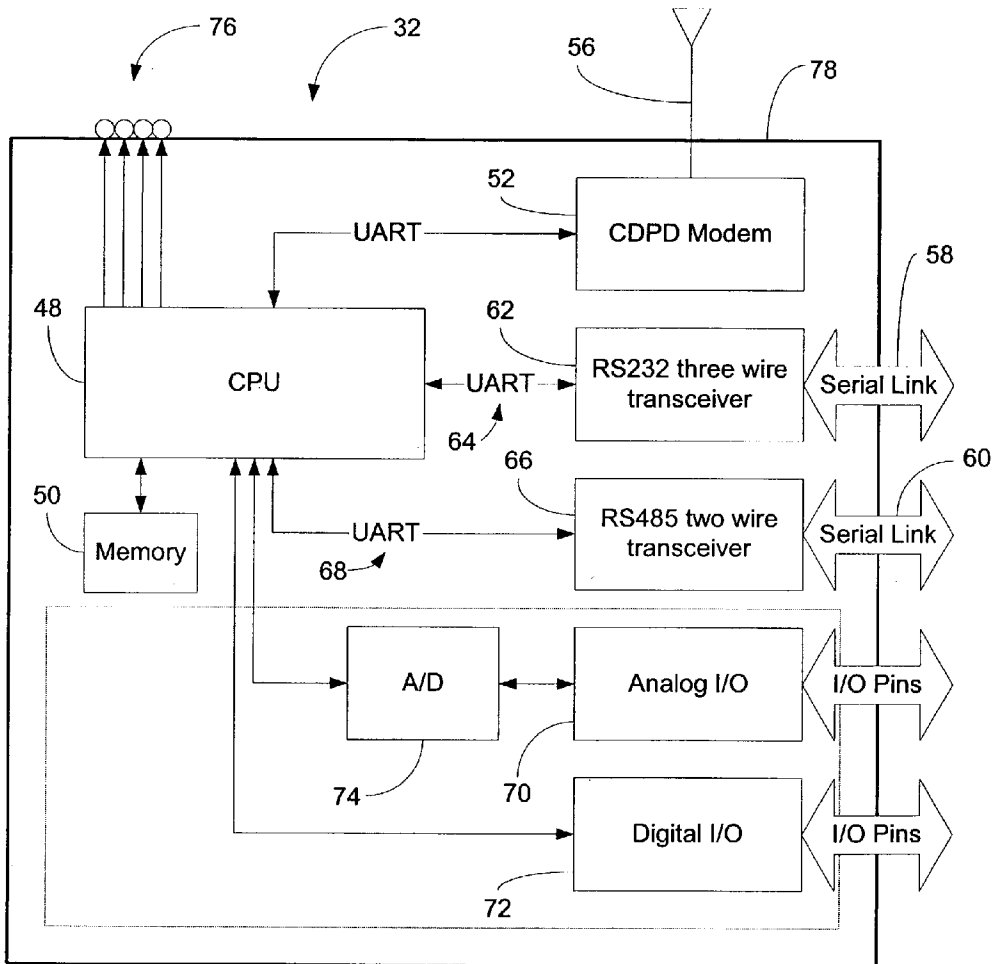
A remote monitoring and control device or "remote device" generally for use in SCADA type environments. The remote device comprises a wireless IP type communication facility. The remote device further comprises a variety of communication channels, links, or ports for transmitting commands and receiving data to and from various instruments that may be connected with the remote device. Using the wireless IP communication facility, the remote device may provide a conduit for information and commands between the instruments and a central computer. In addition, the remote device may monitor the instruments and provide an unsolicited communication with the central computer when an abnormal value is detected at an instrument.

(21) Appl. No.: **10/389,341**

(22) Filed: **Mar. 13, 2003**

**Related U.S. Application Data**

(60) Provisional application No. 60/364,297, filed on Mar. 13, 2002.



Emerson Exhibit 1010

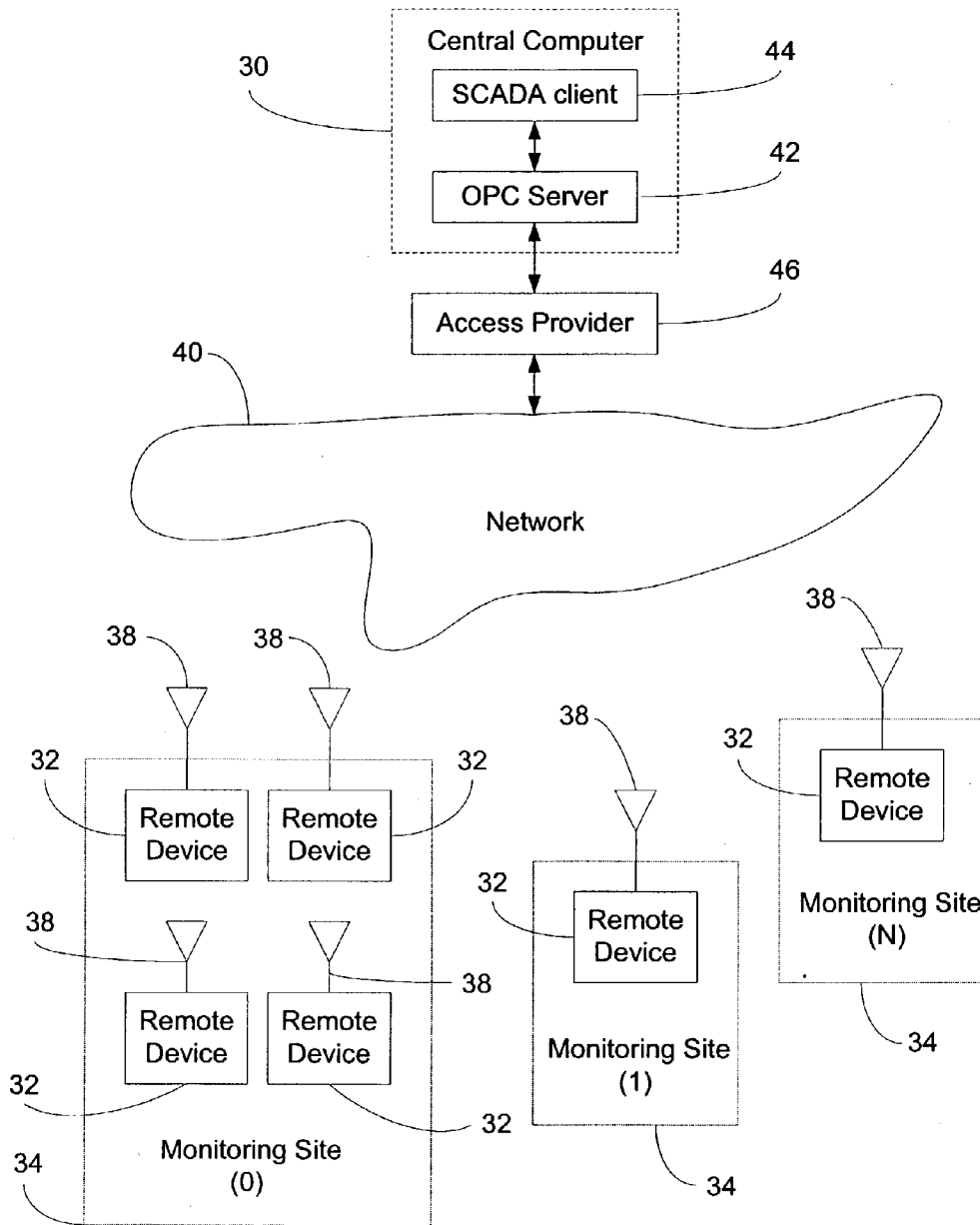


FIG. 1

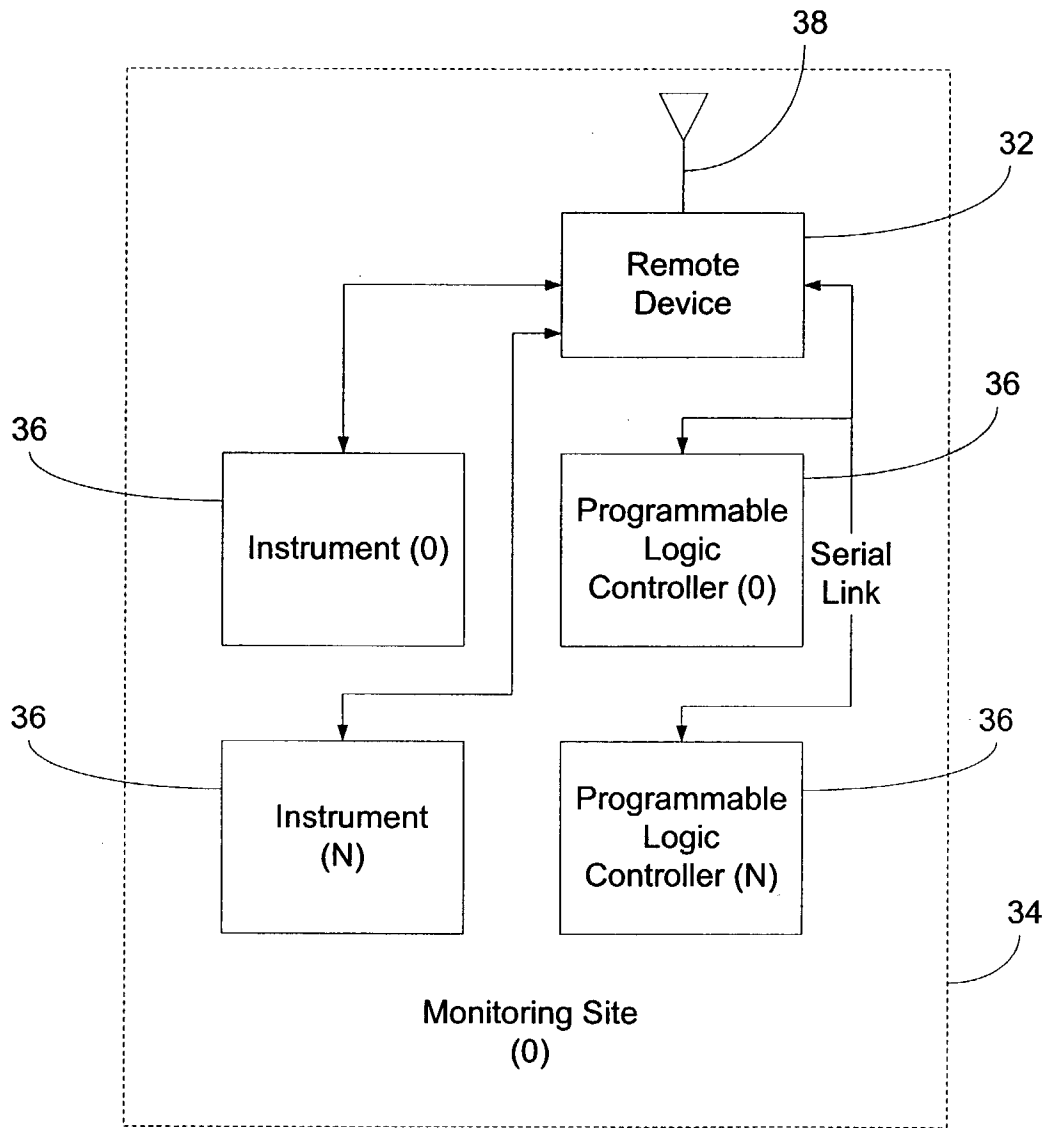


FIG. 2

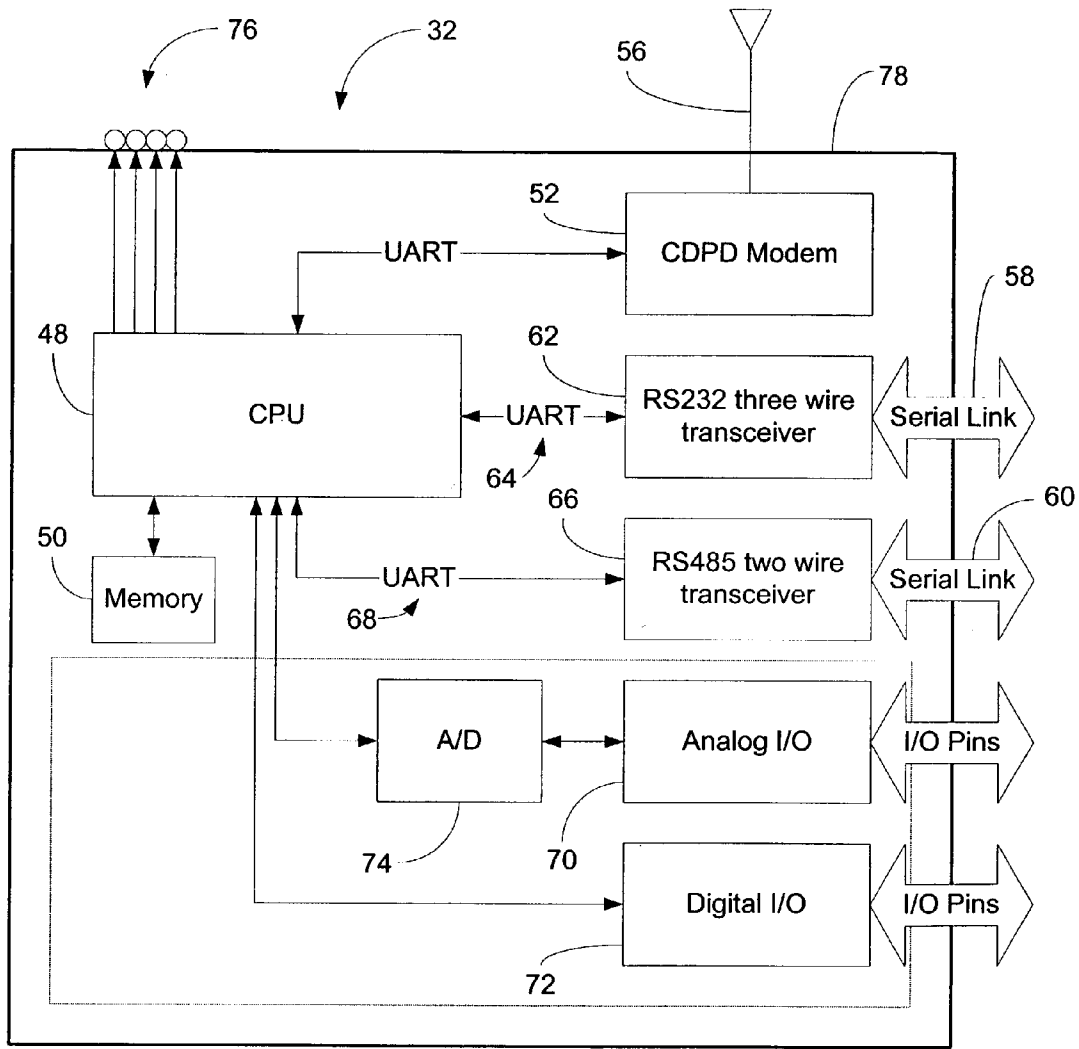


FIG. 3

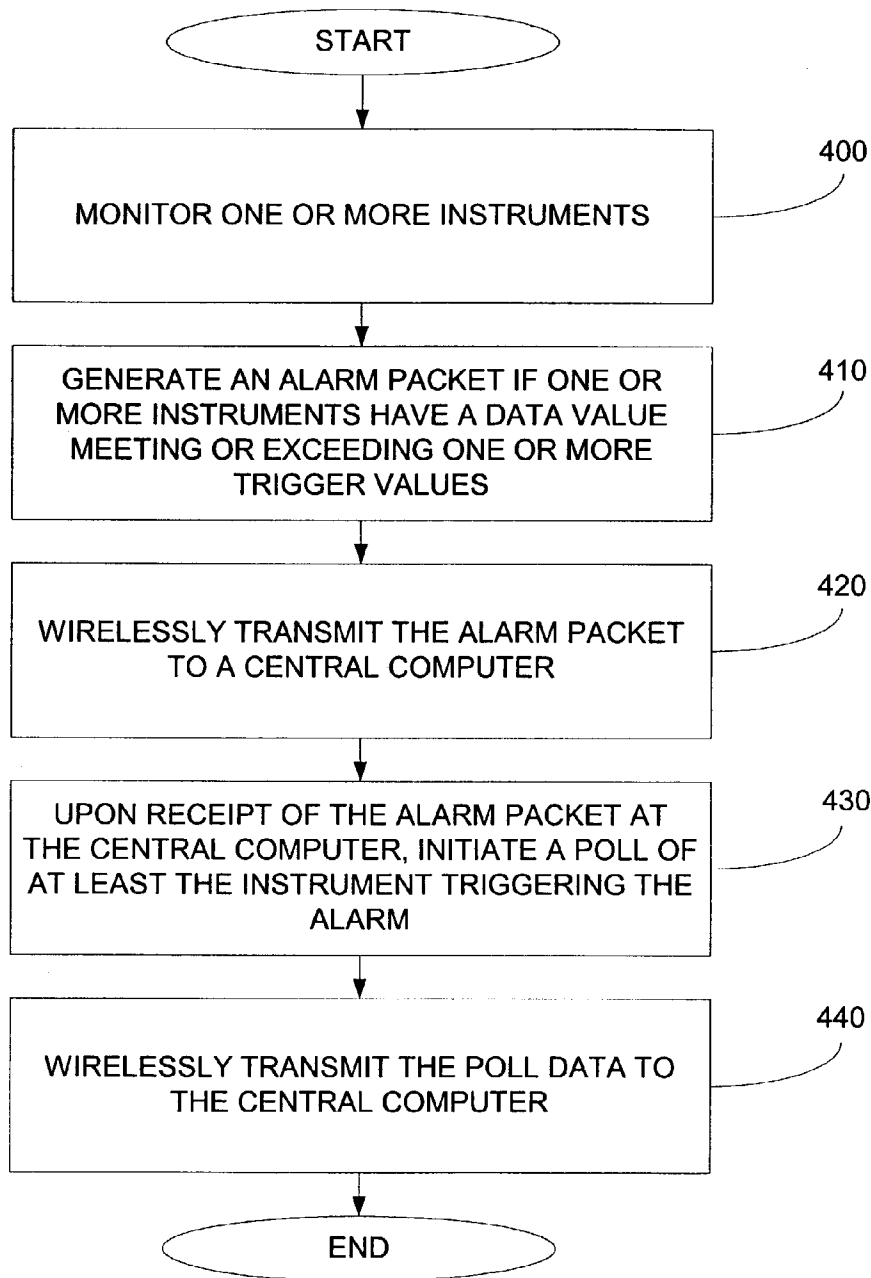


FIG. 4

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