



US 20010009425A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2001/0009425 A1**

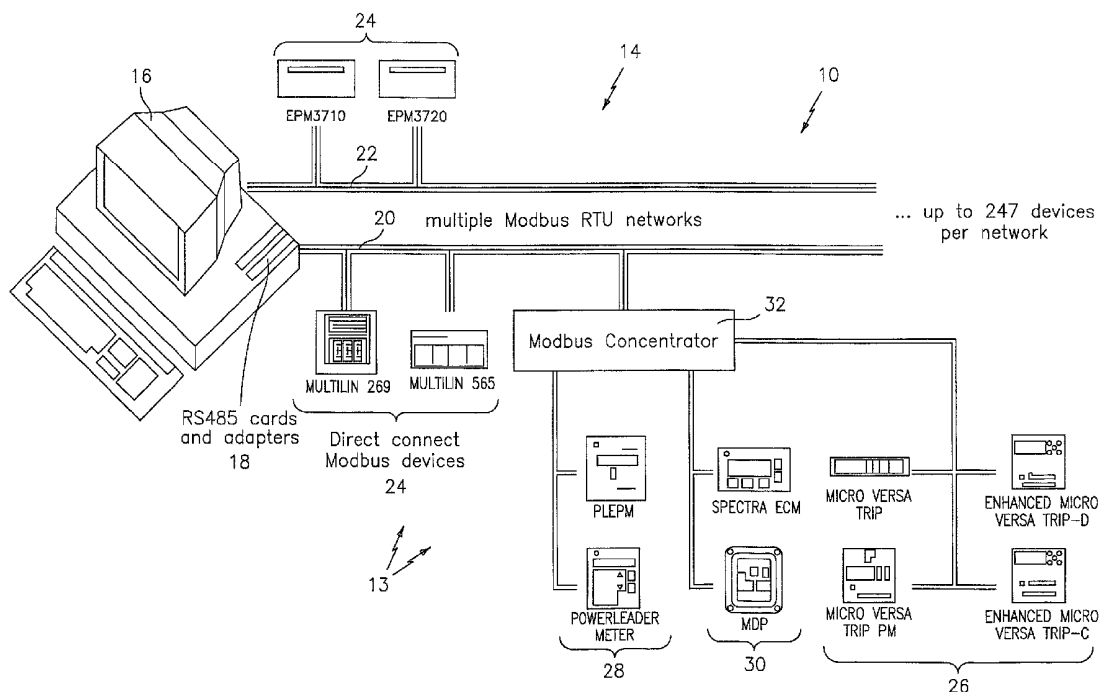
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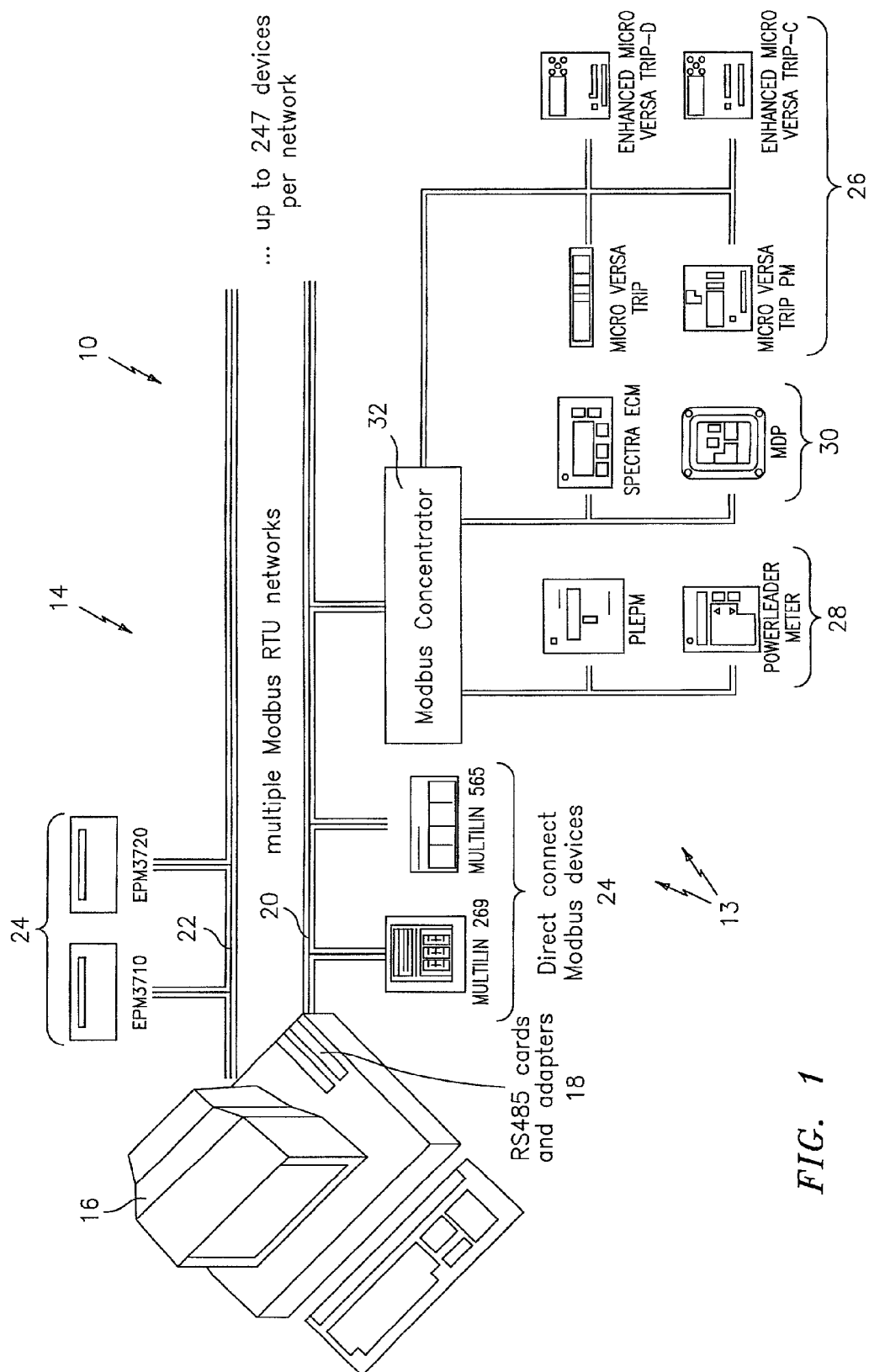
(43) **Pub. Date:****Jul. 26, 2001**(54) **MAN-MACHINE INTERFACE FOR A  
VIRTUAL ANNUNCIATOR PANEL DISPLAY**

(57)

**ABSTRACT**(76) Inventors: **Robert P. Thomas**, Ellington, CT (US);  
**James V. Petrizzi**, Tariffville, CT (US)Correspondence Address:  
**CANTOR COLBURN, LLP**  
**55 GRIFFIN ROAD SOUTH**  
**BLOOMFIELD, CT 06002**(21) Appl. No.: **09/803,586**(22) Filed: **Mar. 9, 2001****Related U.S. Application Data**(63) Continuation of application No. 09/156,203, filed on  
Sep. 17, 1998, now Pat. No. 6,219,046.**Publication Classification**(51) **Int. Cl.<sup>7</sup>** ..... **G06F 3/00**(52) **U.S. Cl.** ..... **345/771; 345/772**

A power management control system provides control and graphical representation of a plurality of electrical devices and components of an electrical distribution system. The control system includes a virtual three-dimensional annunciator panel for displaying an indication of the status or condition of a plurality of electrical devices of an electrical distribution system. The virtual annunciator panel includes an array (6×8) of indicator buttons that represent a particular device, event or group of events of the PMCS. The buttons are displayed in different colors to indicate different alarm systems. The annunciator panel functions to notify the user/operator of an alarm condition of a device, as well as permits the user to acknowledge alarms. The development of the virtual annunciator panel display is automated using software, namely an Annunciator Panel Wizard. The Panel Wizard provides the automated configuration of the annunciator panel graphic as well as a built-in event mapping to the annunciator buttons which is user configurable. The Panel Wizard allows the user to generate the virtual annunciator panel display without any programming skills or detailed device knowledge.





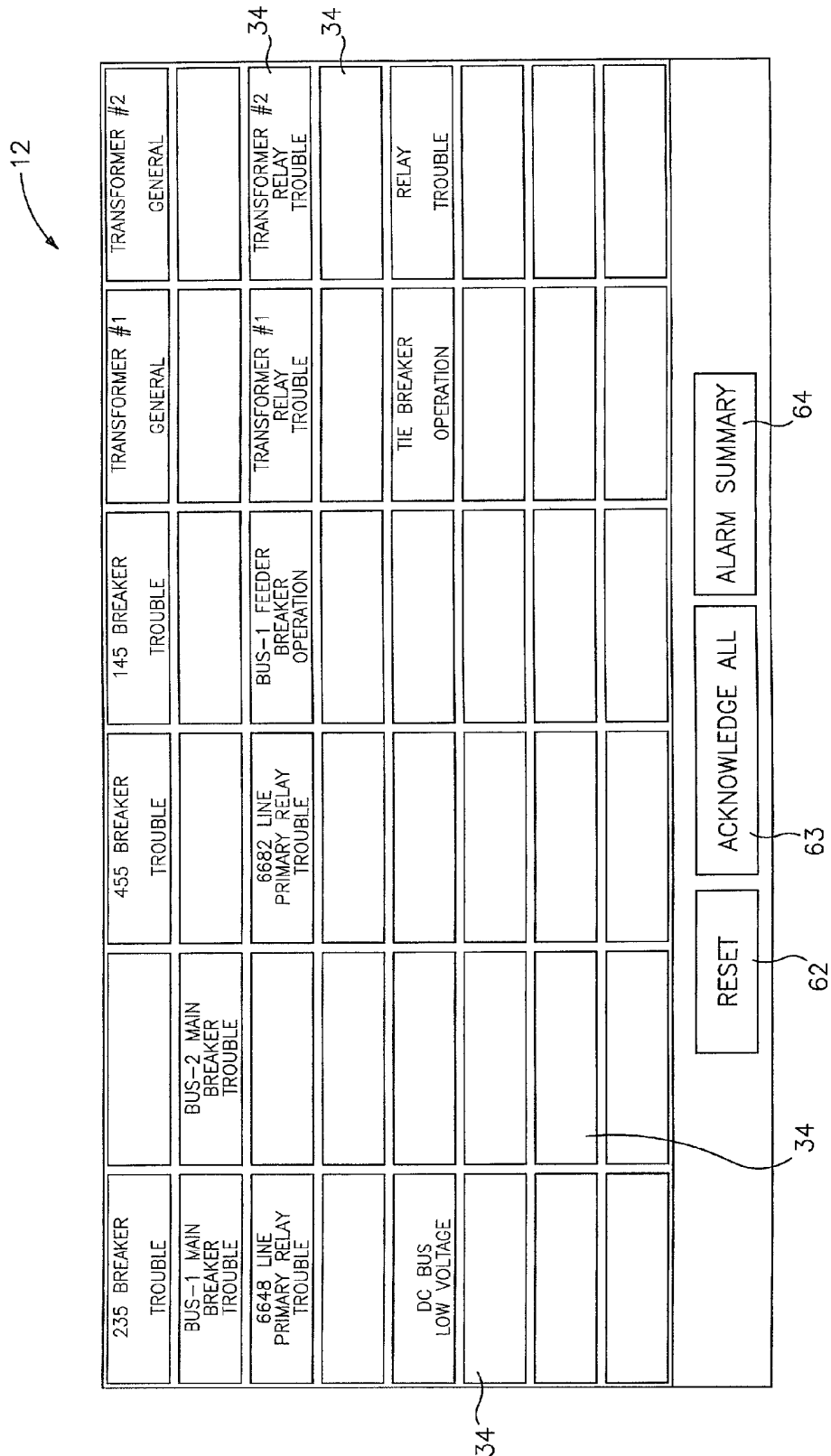


FIG. 2

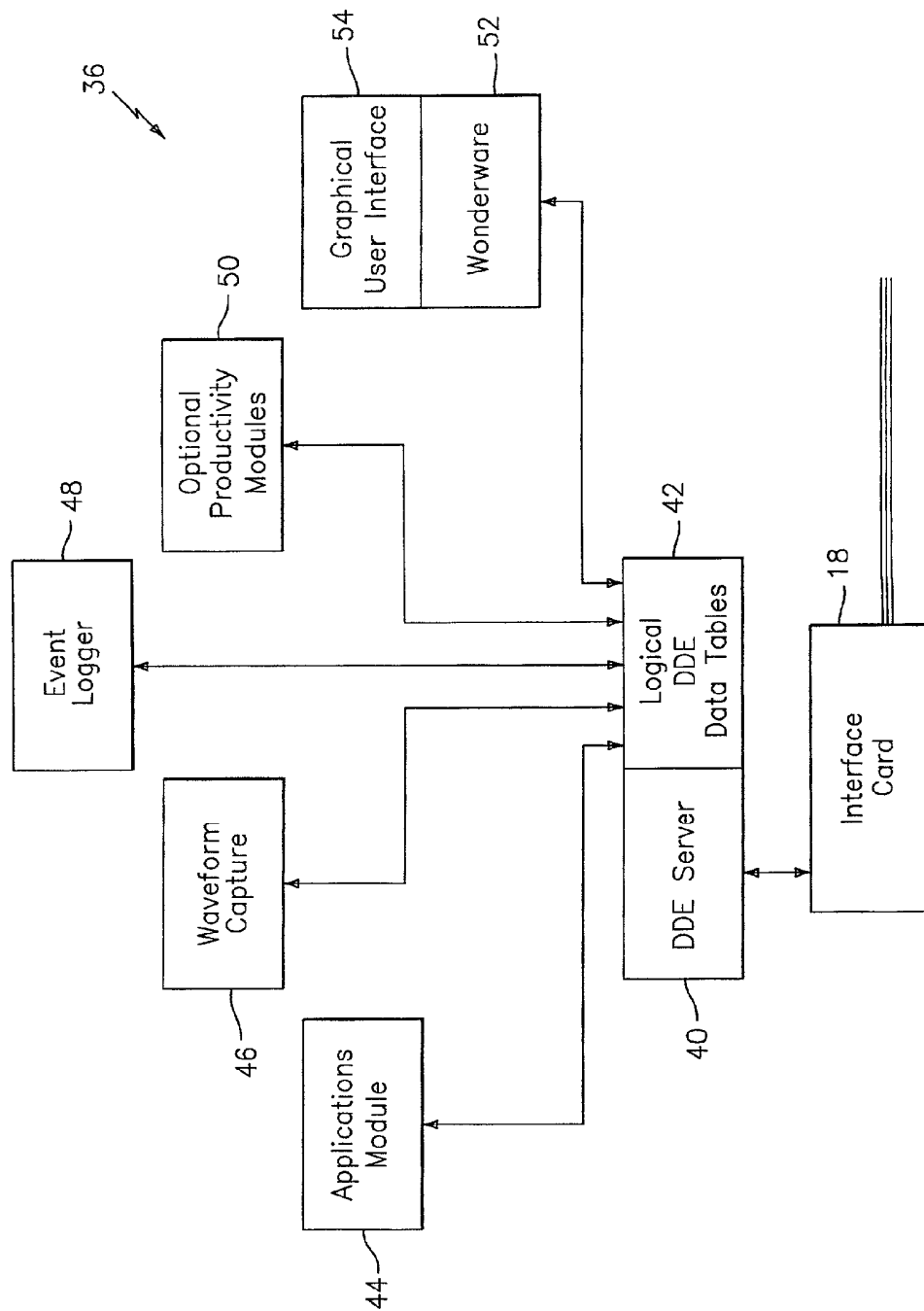


FIG. 3

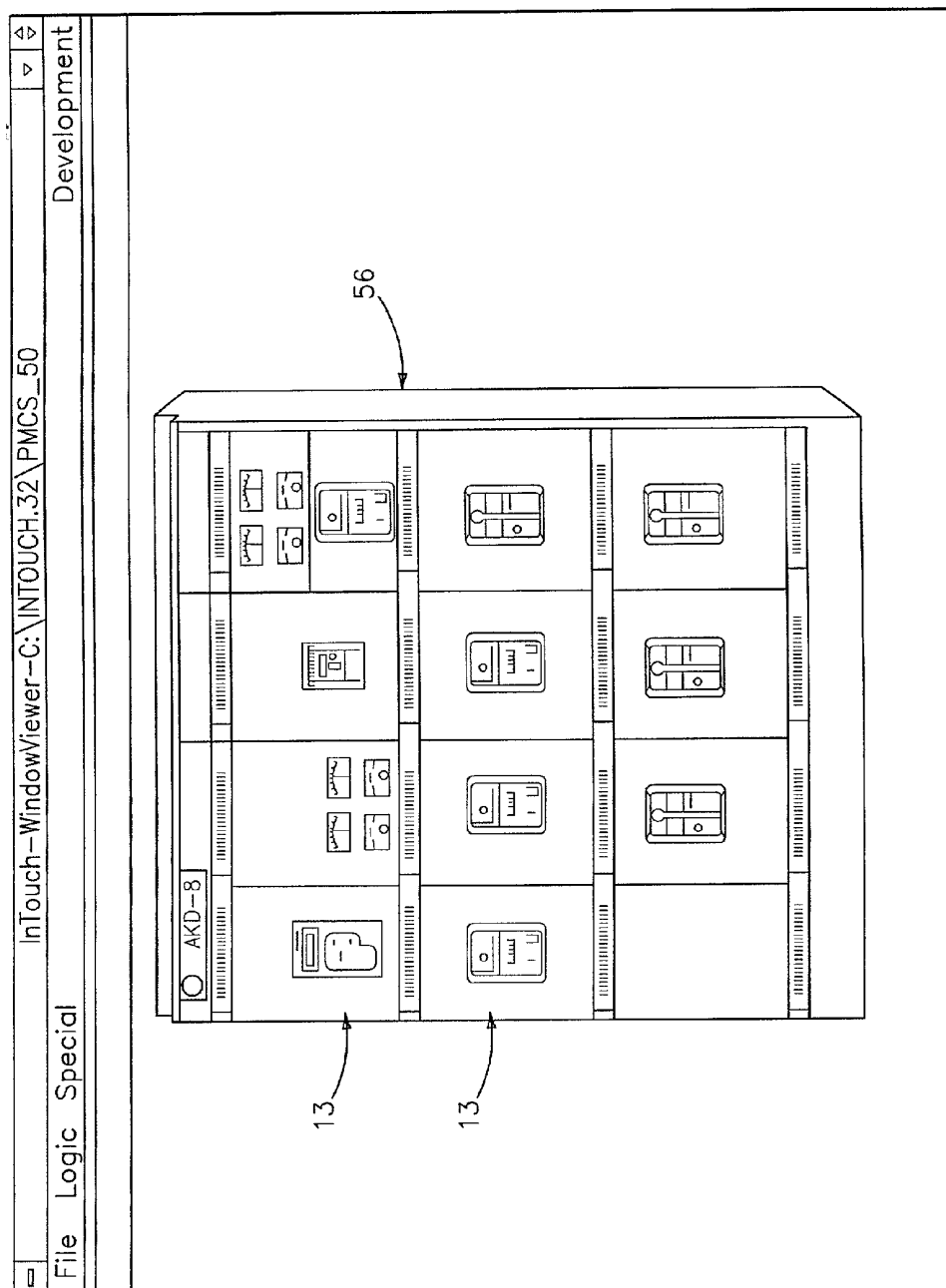


FIG. 4

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