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Chang et al.

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[54] **INTERNET-WEB LINK FOR ACCESS TO INTELLIGENT NETWORK SERVICE CONTROL**

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[52] U.S. Cl. **709/229**; 709/202; 709/203; 709/219; 709/224; 709/225

[58] Field of Search 395/200.59, 200.55, 395/200.54, 200.49, 200.33, 200.32; 709/229, 225, 224, 219, 203, 202

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[57] **ABSTRACT**

A web page type interface is provided, which enables subscriber access to control and reporting functionalities of a communication network, such as the advanced intelligent telephone network, via a public packet data network, typically the network now commonly known as the Internet. The web page based Internet access opens the personal control of services provided by the communication network to any subscriber who also uses the Internet, for example using the subscriber's existing PC and browser software or their Web-TV terminal. A secure access platform provides the interface and communicates via a private data network with various systems used to manage the communication network. The secure access platform includes a firewall coupled between the public data network and the private data network. The firewall implements the web page interface and validates certain users of the public data network as subscribers to services of the communication network. The secure access platform also includes a web services management system, which communicates with the firewall and with the communication network management systems via the private data network. The platform enables persons surfing the web to control their services and receive various reports relating to status and/or usage of their network services.

**27 Claims, 5 Drawing Sheets**
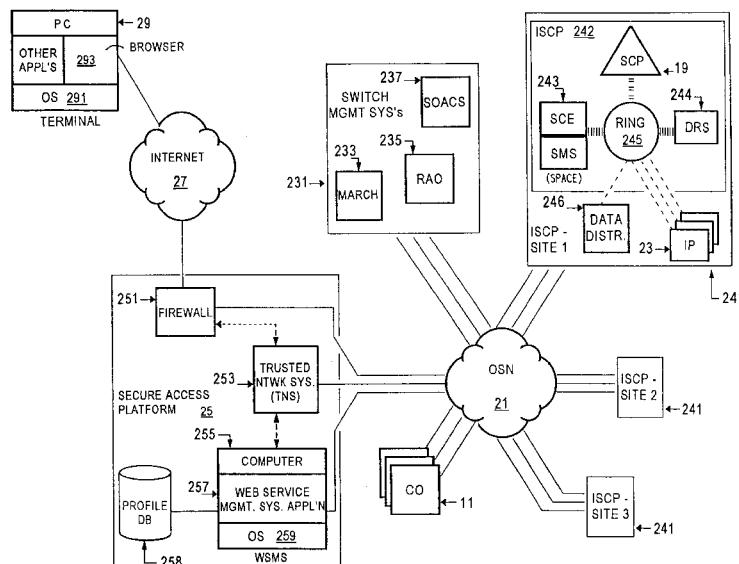
FIG. 1
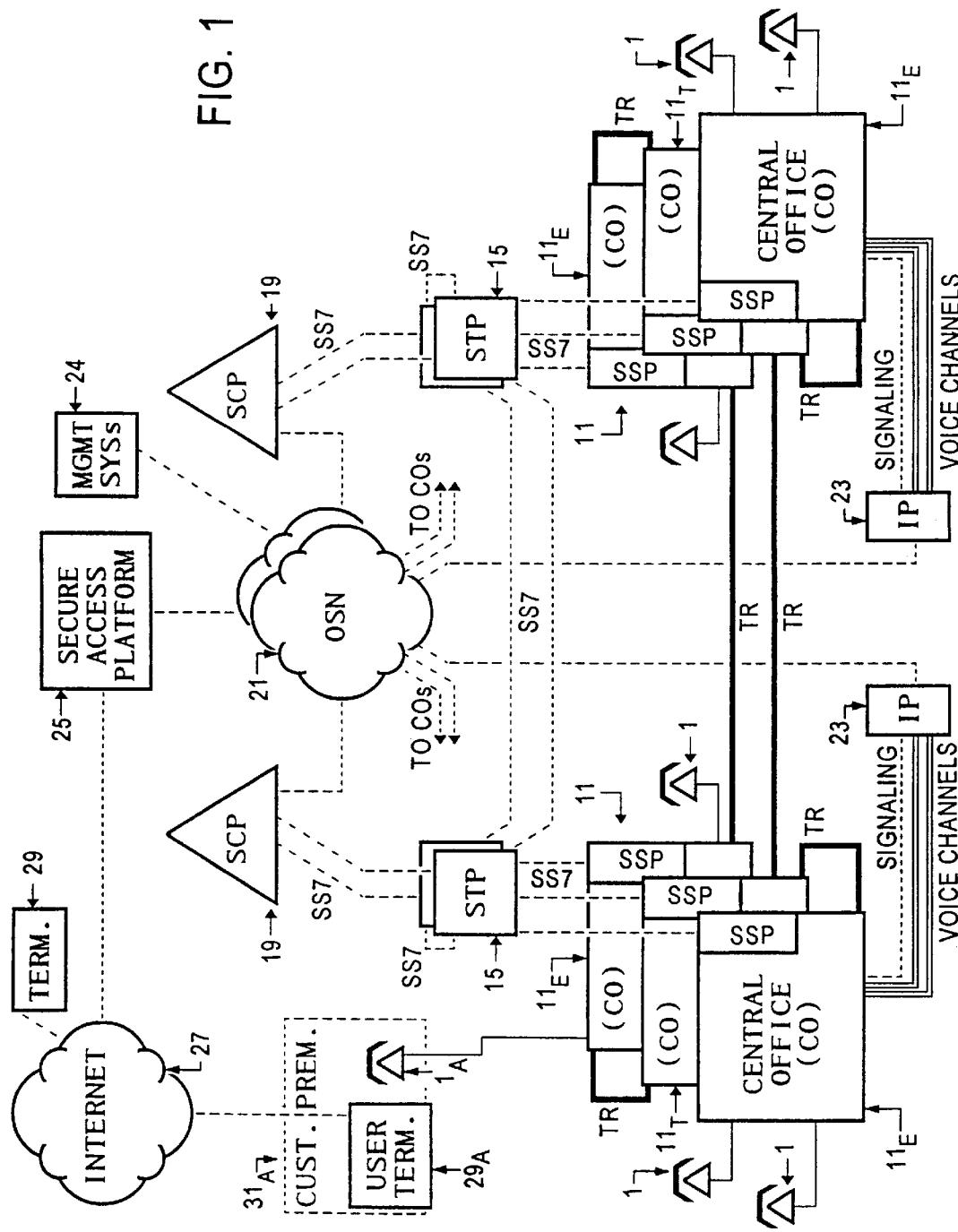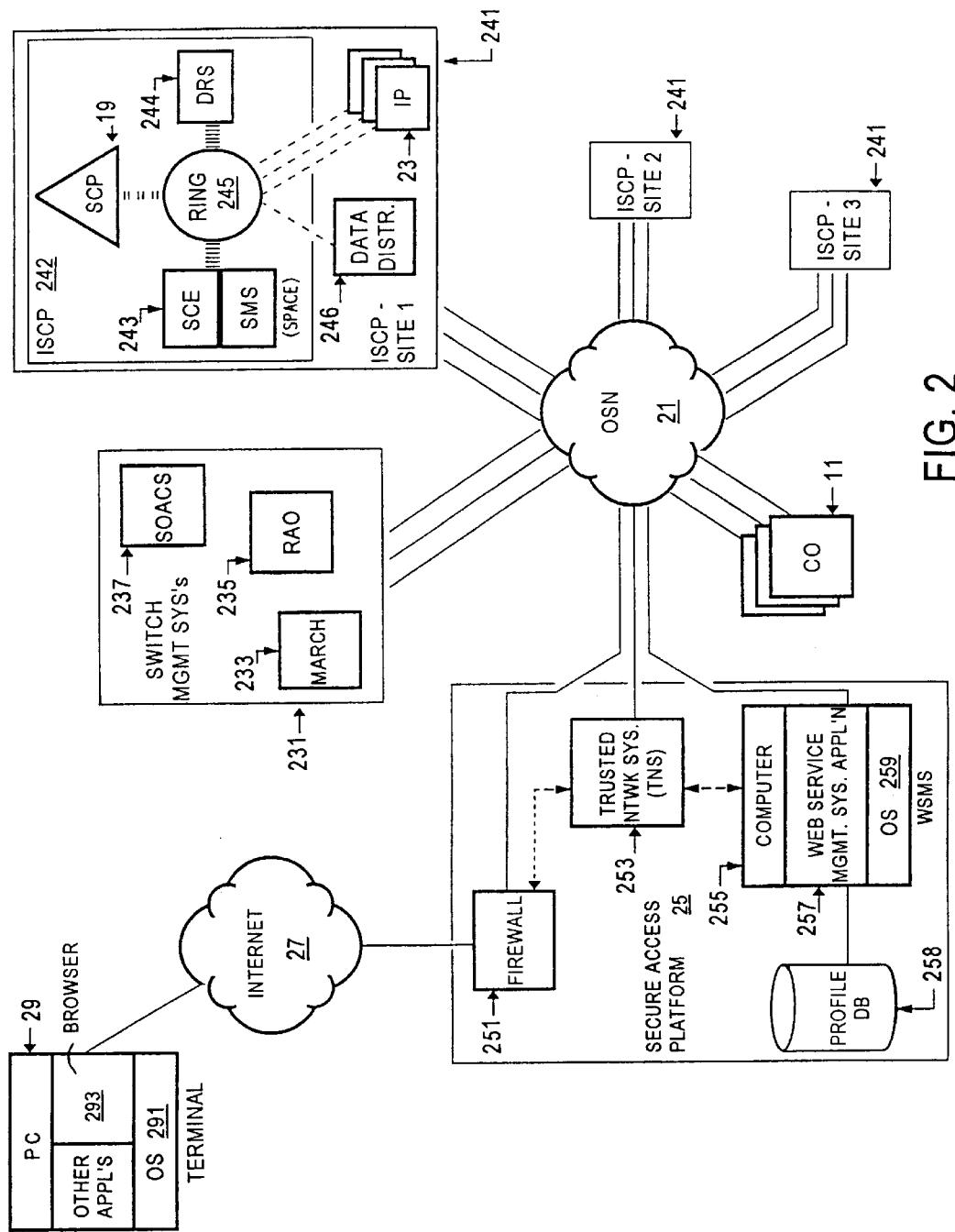
FIG. 2
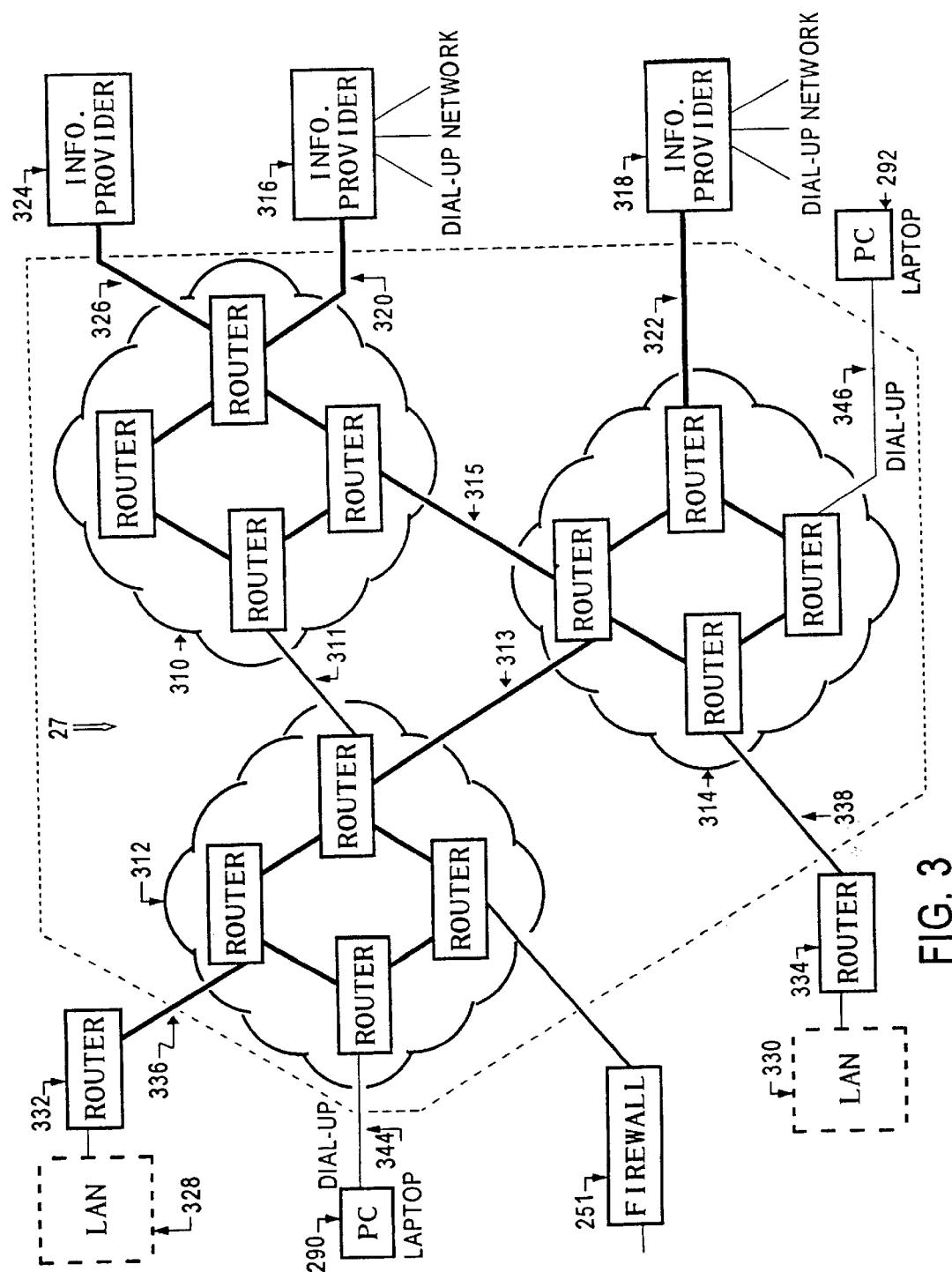
FIG. 3

FIG. 4
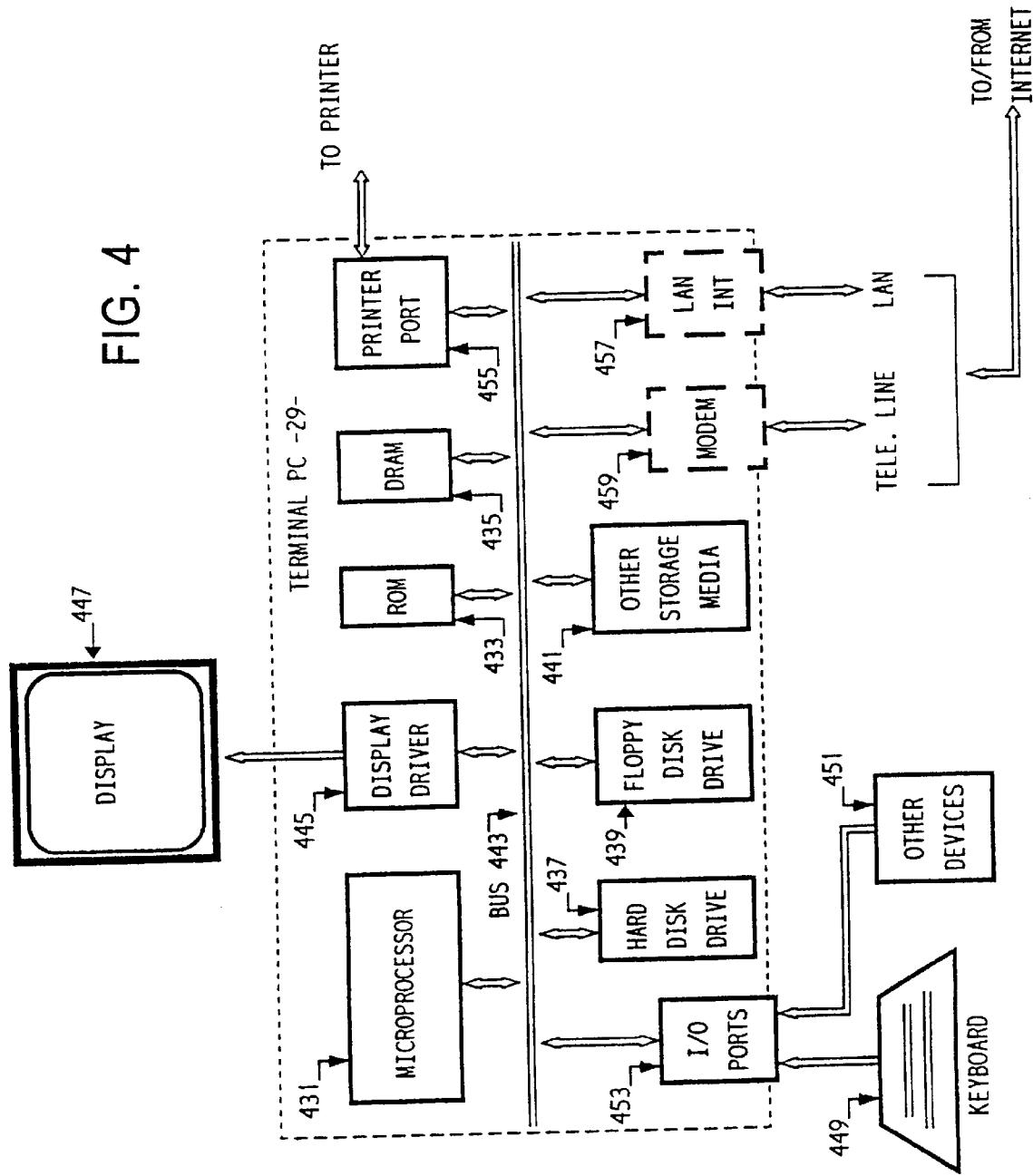
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