

# EXHIBIT B

(12) **United States Patent**  
**Suder et al.**

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(54) **QUALITY OF SERVICE IN A VOICE OVER IP TELEPHONE SYSTEM**

(75) Inventors: **Eric G. Suder**, Plano, TX (US);  
**Harold E. A. Hansen, II**, Plano, TX (US)

(73) Assignee: **Estech Systems, Inc.**, Plano, TX (US)

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**H04J 1/14** (2006.01)  
**H04M 11/00** (2006.01)

(52) **U.S. Cl.** ..... **370/493**; 370/352; 370/496;  
 379/93.29; 379/93.09

(58) **Field of Classification Search** ..... 370/229,  
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 370/535, 395.42, 395.21, 433, 443, 444,  
 370/445

See application file for complete search history.

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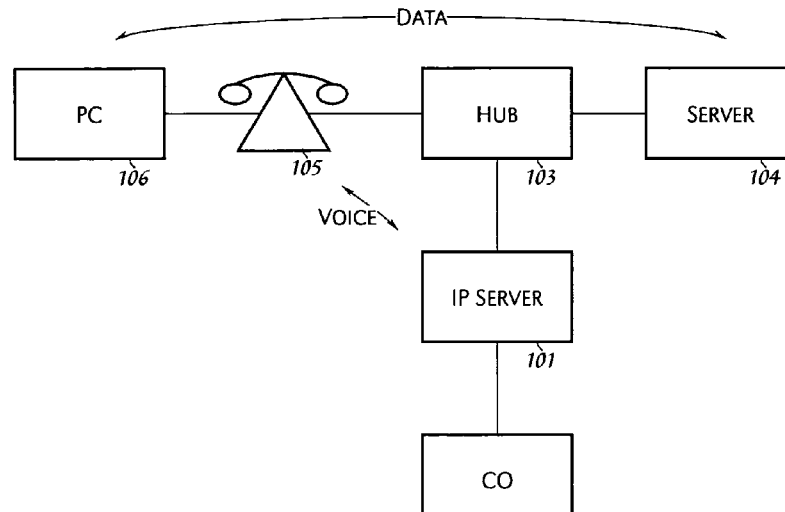
*Primary Examiner*—Hanh Nguyen

(74) *Attorney, Agent, or Firm*—Kelly K. Kordzik; Winstead Sechrest & Minick P.C.

(57) **ABSTRACT**

An information handling system comprises a TCP/IP network connecting a hub to a multimedia server and the hub to a data server, and the hub to an IP telephony device that is then coupled to a network device. Data sent from the network device is addressed for transmission to the data server and is transmitted through the IP telephony device to the TCP/IP network. The IP telephony device monitors when an amount of data being received over the network falls below a predetermined threshold. If this occurs, the IP telephony device will send a signal to the multimedia server, which will then generate a congestion signal to send to all or selected IP telephony devices in the network to throttle data being received by the IP telephony devices from their respective connected network devices.

**61 Claims, 13 Drawing Sheets**



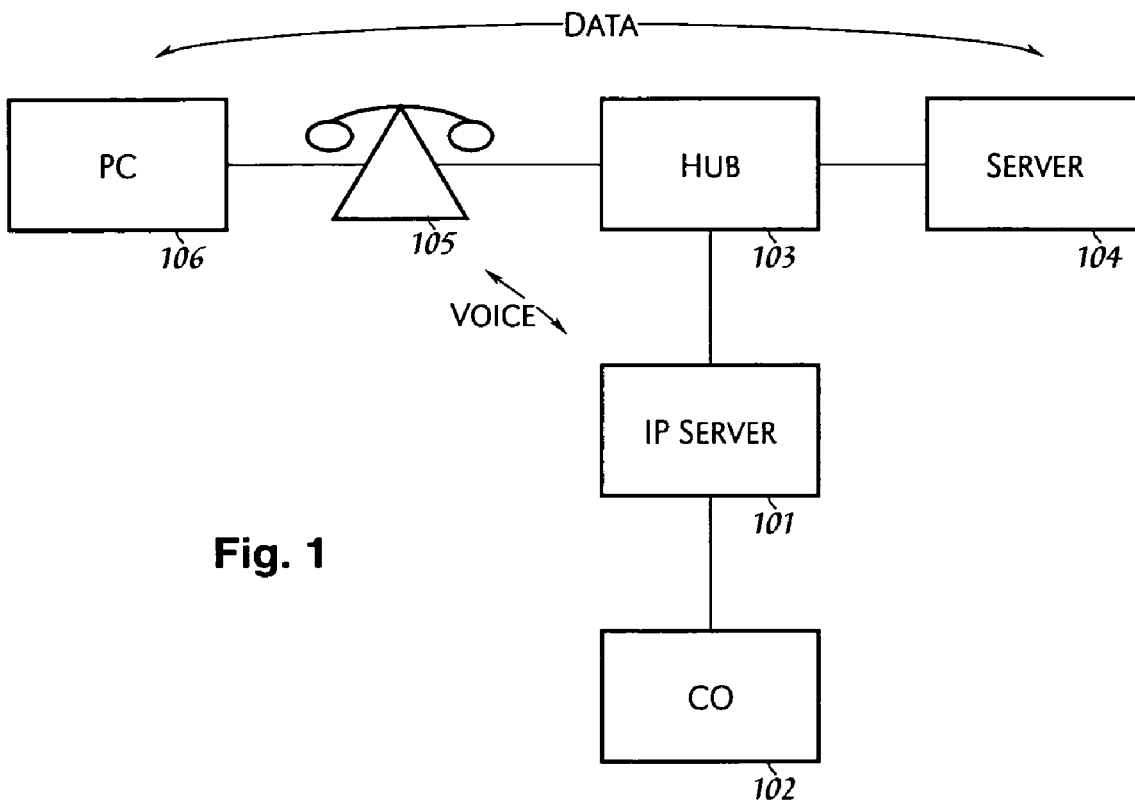


Fig. 1

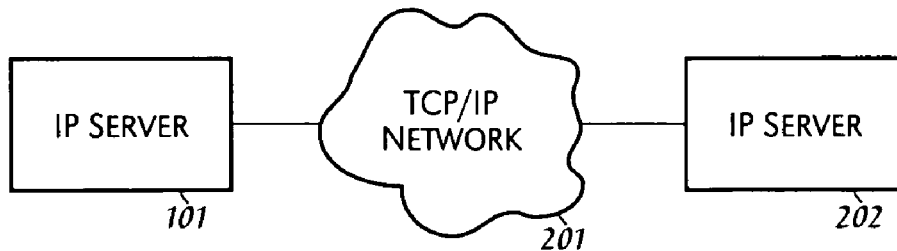
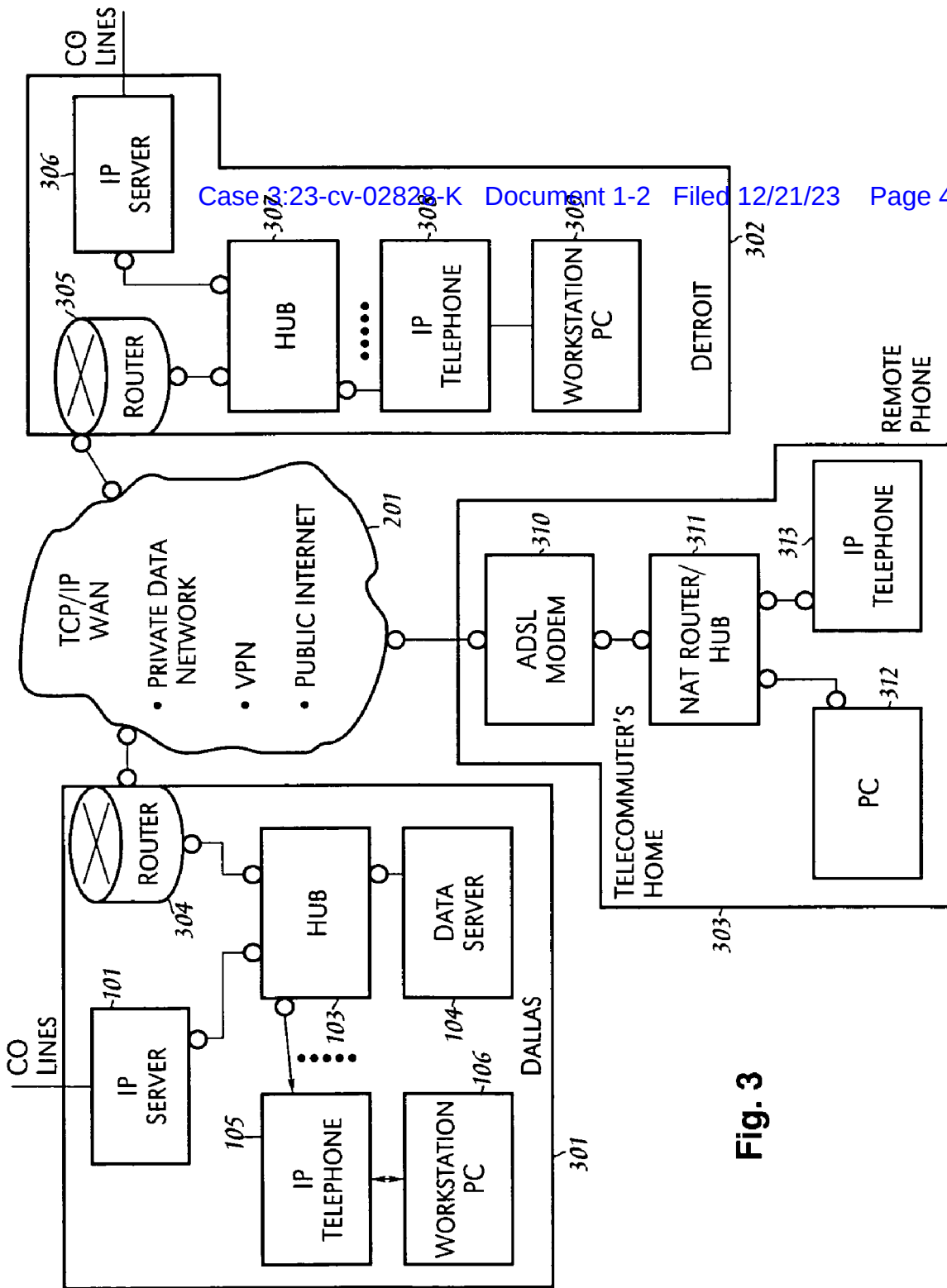
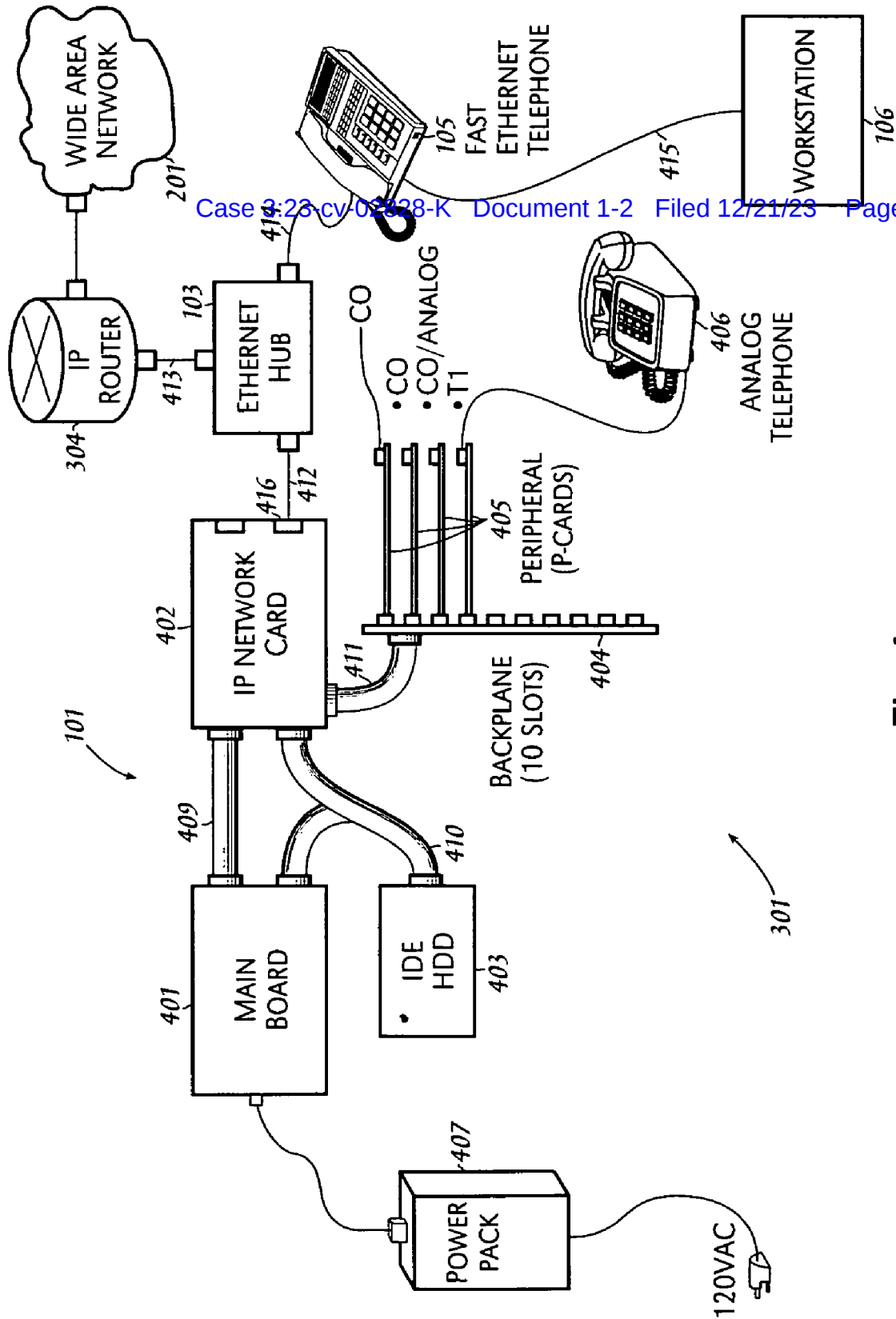


Fig. 2



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Fig. 3



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Fig. 4

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