



- [54] **METHOD FOR INTEGRATED TRAFFIC SHAPING IN A PACKET-SWITCHED NETWORK**
- [75] Inventors: **Flavio Giovanni Bonomi**, Palo Alto, Calif.; **Albert Gordon Greenberg**, Millburn; **Jennifer Lynn Rexford**, Summit, both of N.J.
- [73] Assignee: **AT&T Corp/CSI Zeinet(A Cabletron Co.)**, Middletown, N.J.
- [21] Appl. No.: **825,990**
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- [51] Int. Cl.<sup>6</sup> ..... **H04J 3/14**
- [52] U.S. Cl. .... **370/235; 370/413**
- [58] Field of Search ..... 370/229, 230, 370/231, 232, 233, 234, 235, 236, 412, 413, 414, 415, 416, 417, 418, 389, 392, 395, 428, 429, 465, 468

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*Primary Examiner*—Huy D. Vu

[57] **ABSTRACT**

A scalable integrated traffic shaper for a use in a packet-switched network that regulates multiple connections and prevents lost data by integrating link scheduling and traffic shaping to fairly arbitrate between incoming connections.

**18 Claims, 5 Drawing Sheets**

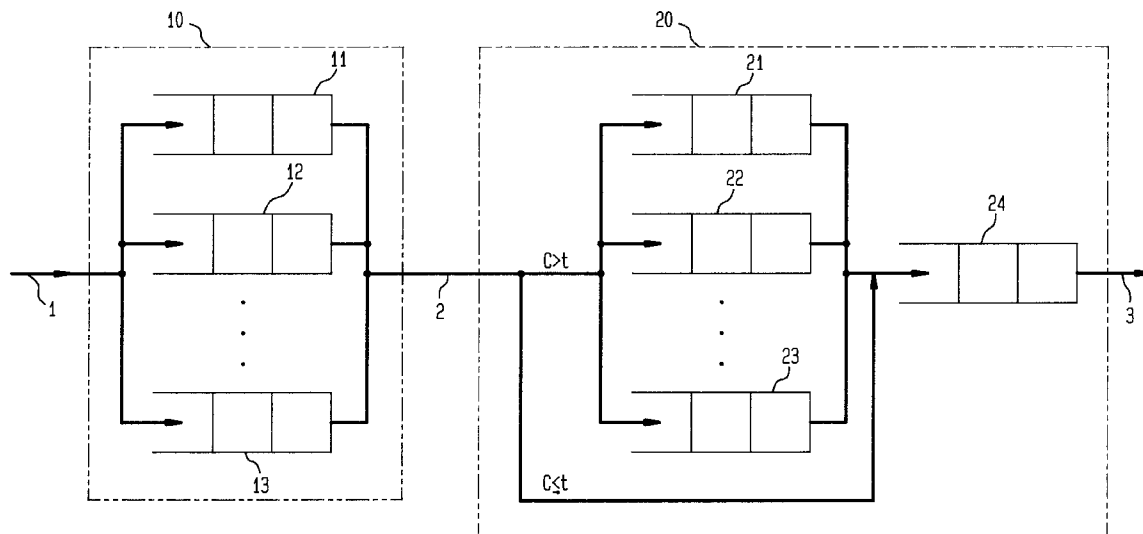


FIG. 1

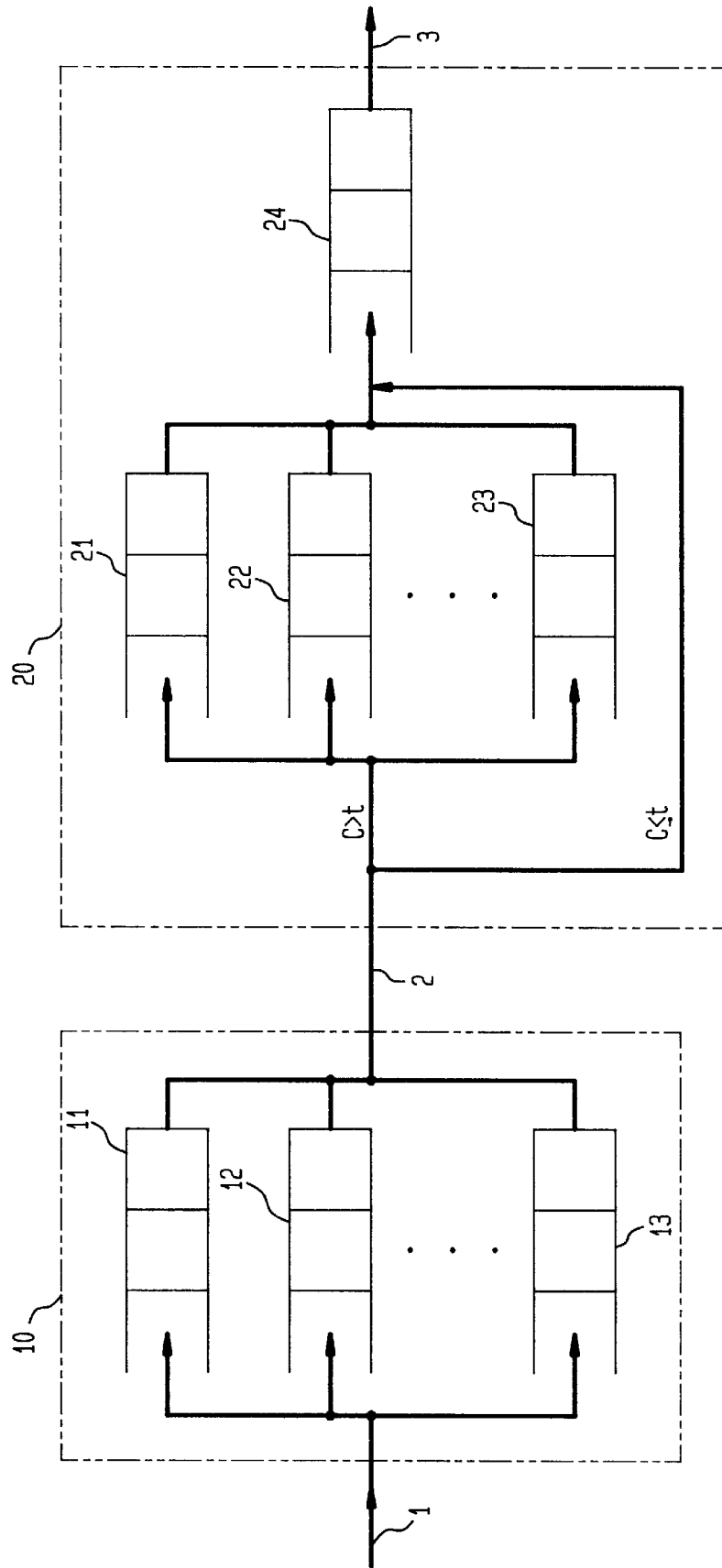


FIG. 2

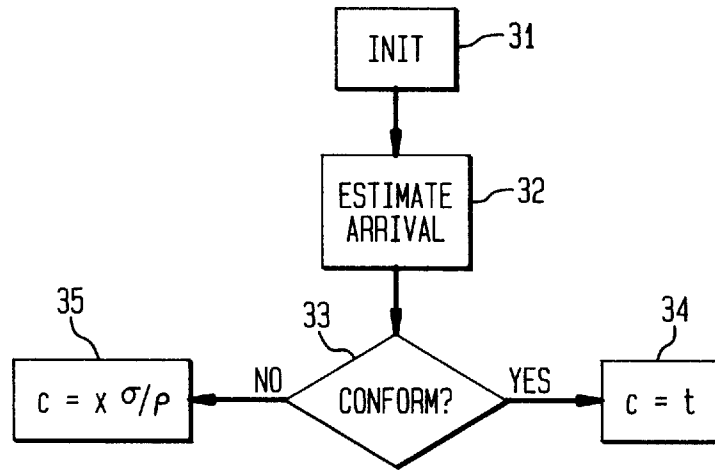


FIG. 3

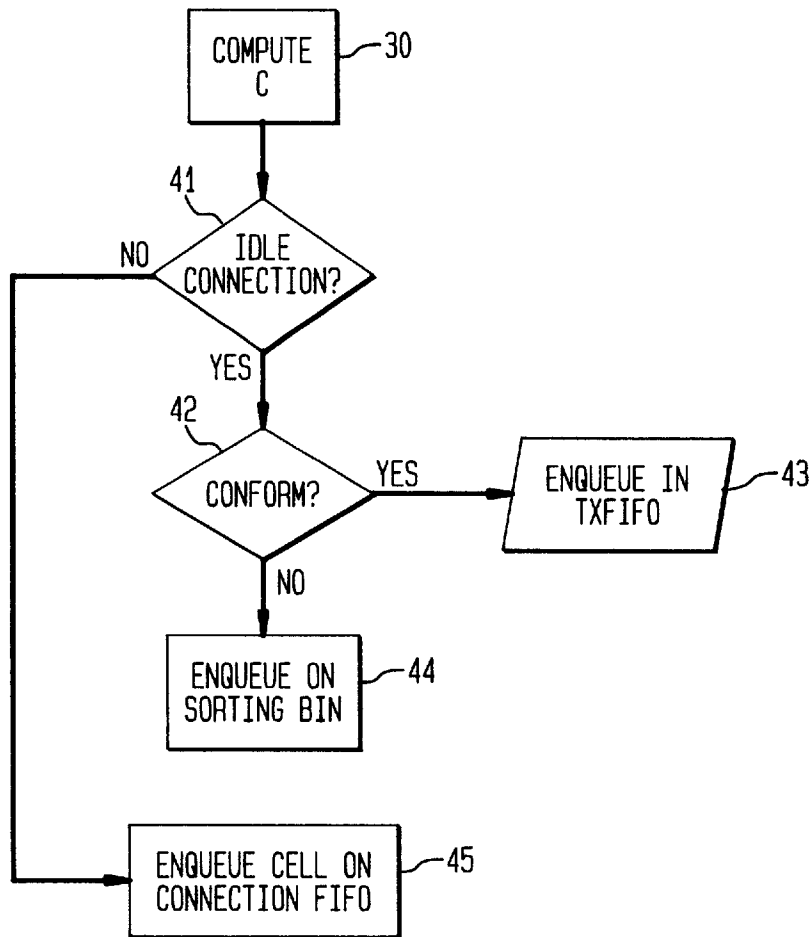
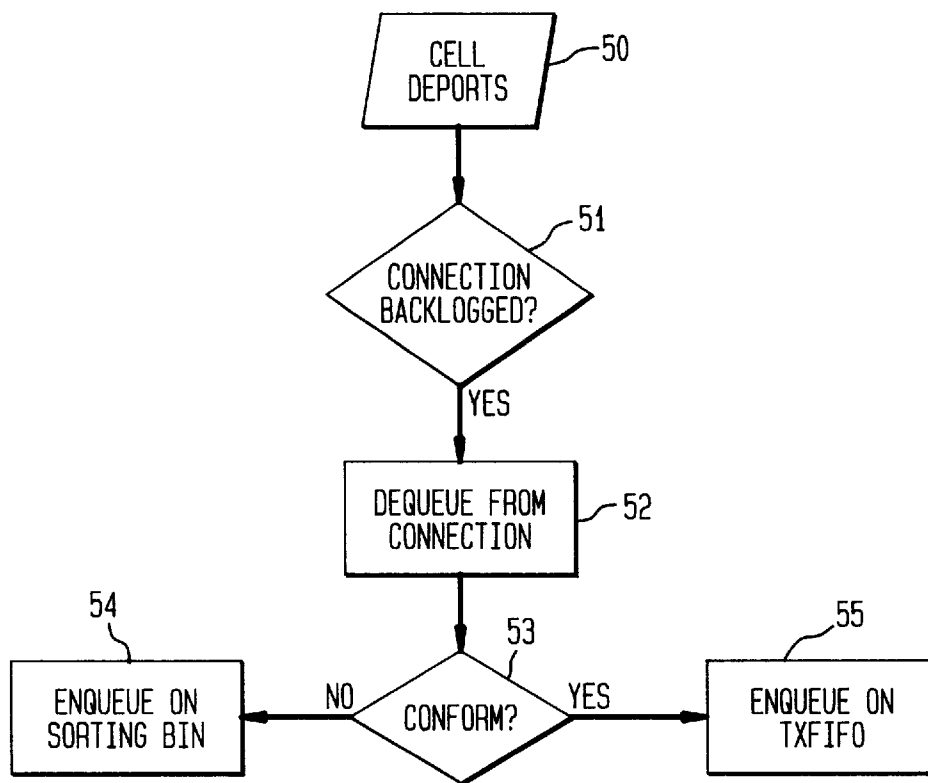


FIG. 4



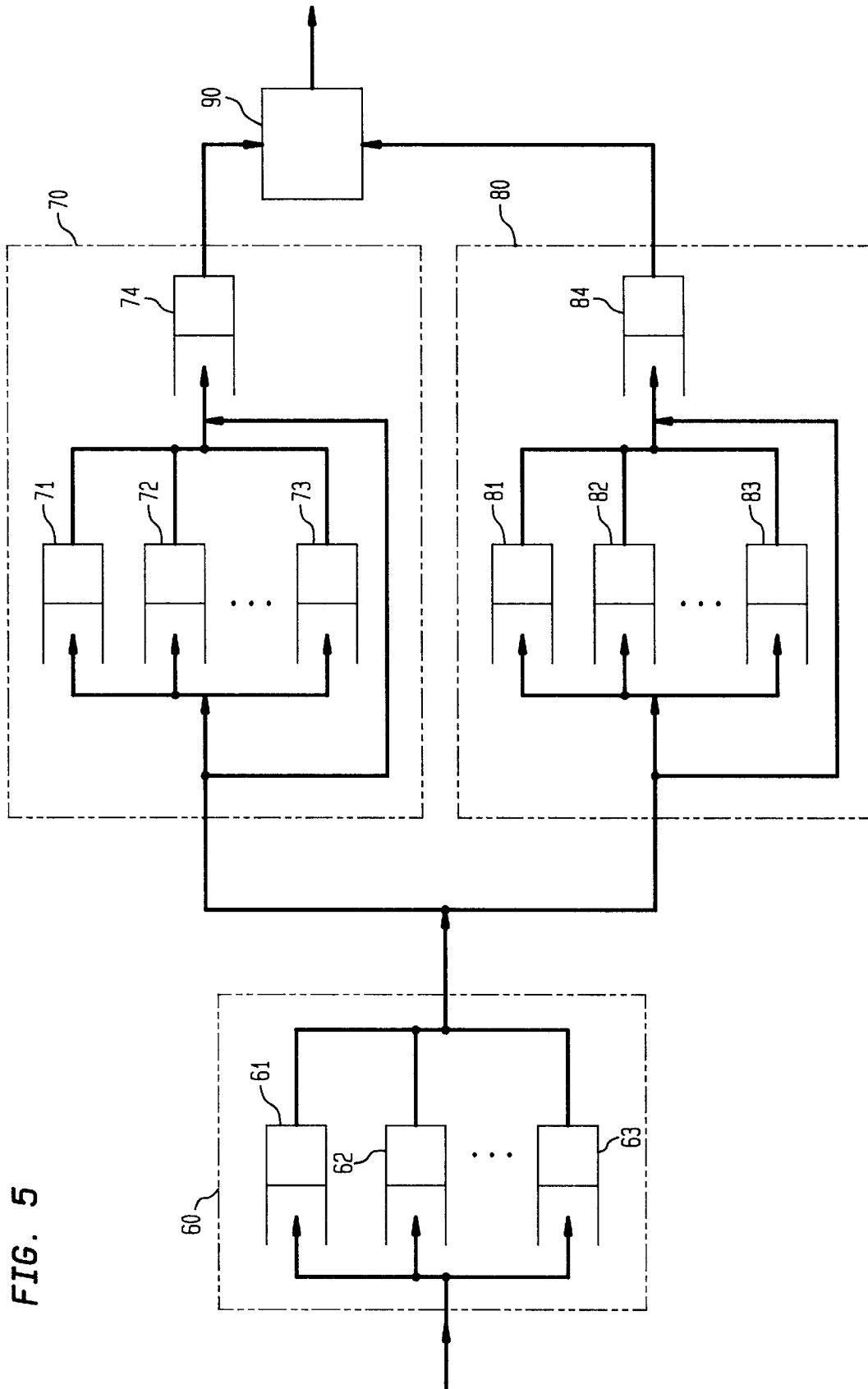


FIG. 5

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