

- [54] METHOD AND APPARATUS FOR MULTIPLEXING CIRCUIT AND PACKET TRAFFIC
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- [52] U.S. Cl. 370/94.2; 370/84; 370/99; 370/112
- [58] Field of Search 370/94, 60, 84, 99, 370/111, 112, 82, 110.1, 89

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 Attorney, Agent, or Firm—James W. Falk

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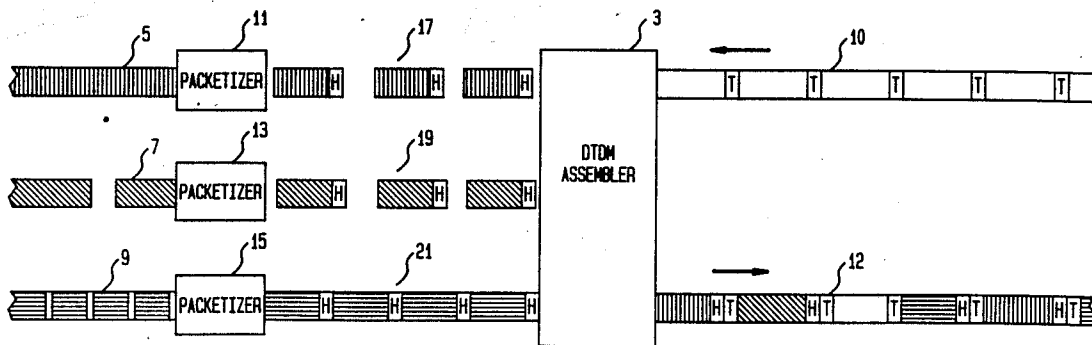
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[57] ABSTRACT

A data transmission technique referred to herein as Dynamic Time Division Multiplexing (DTDM) is disclosed along with a set of multiplexers and demultiplexers required to apply DTDM in an actual telecommunications network. The DTDM technique uses a transmission format which is compatible with the existing digital circuit transmission format and the packet transmission format so that DTDM is able to handle the transmission of circuit and packet traffic. Thus, DTDM provides a flexible migration strategy between present circuit networks and future broadband packet networks.

7 Claims, 10 Drawing Sheets



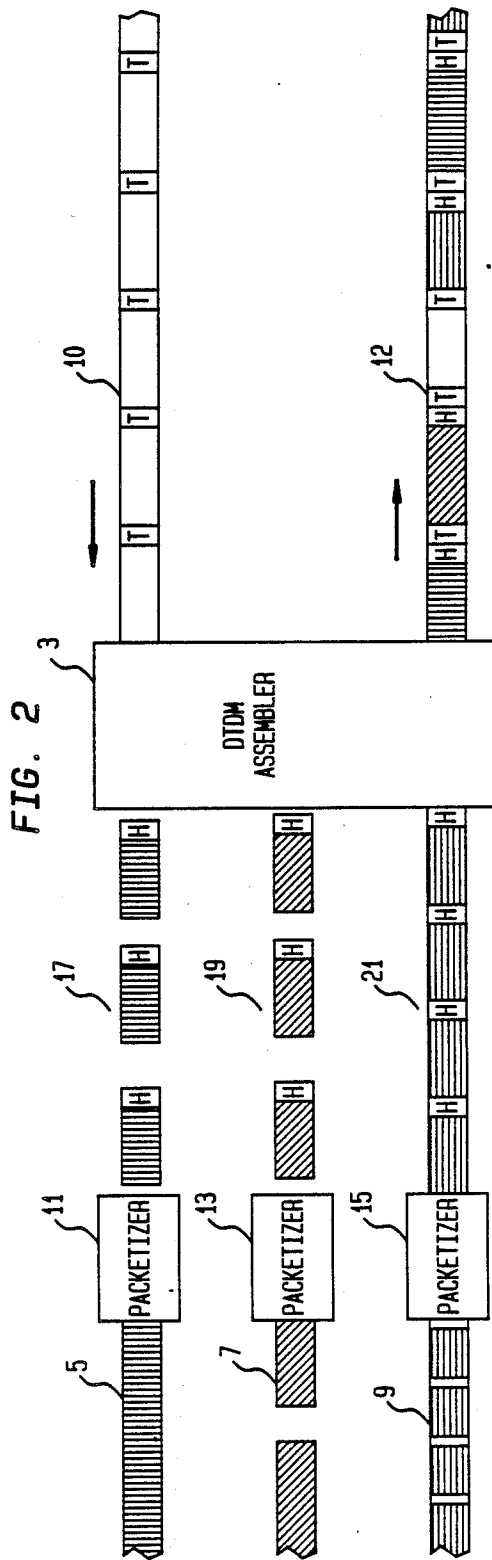
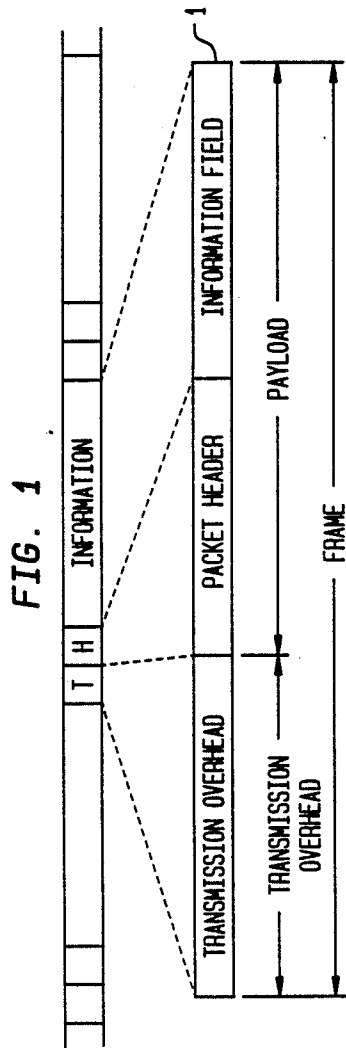
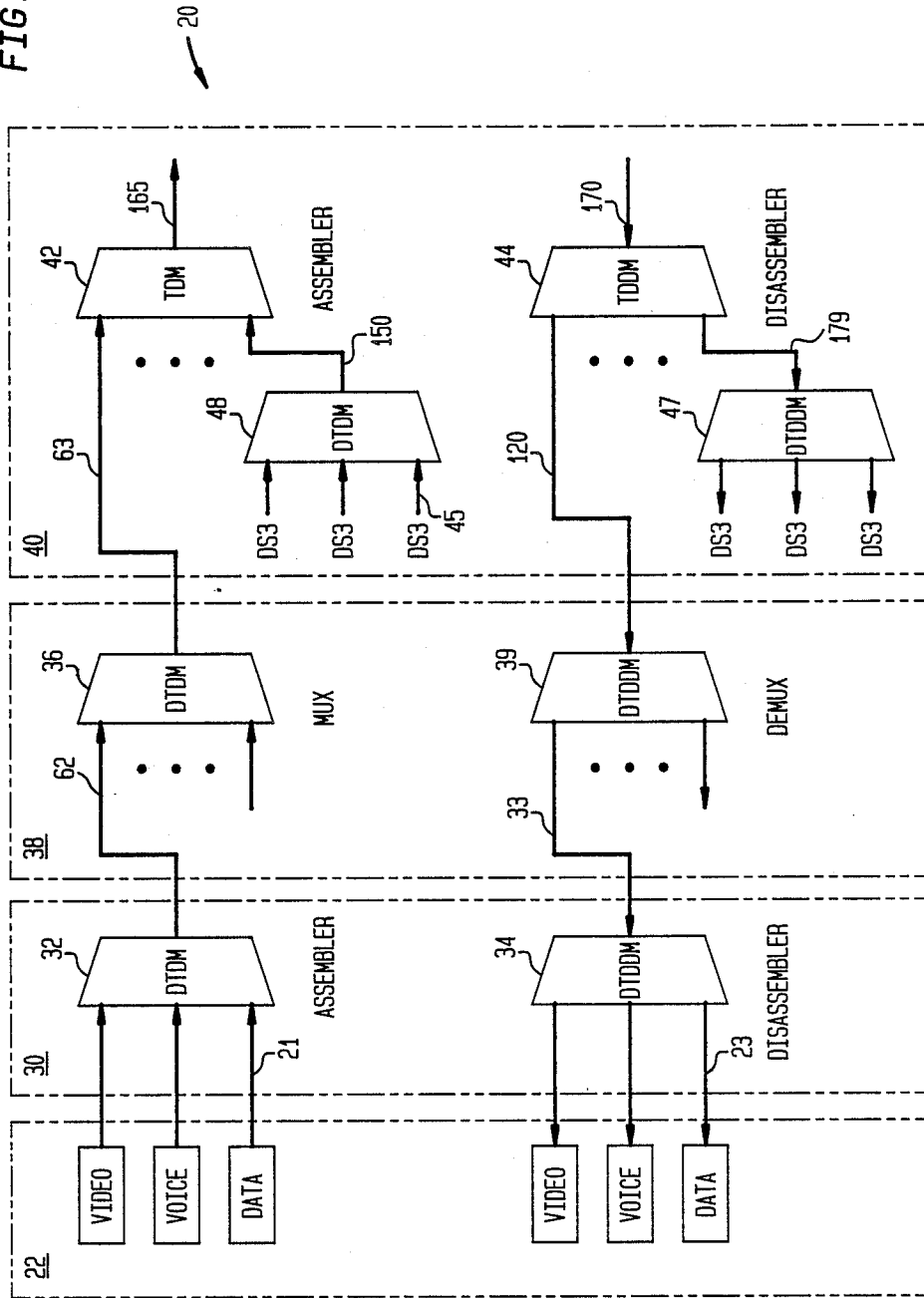


FIG. 3



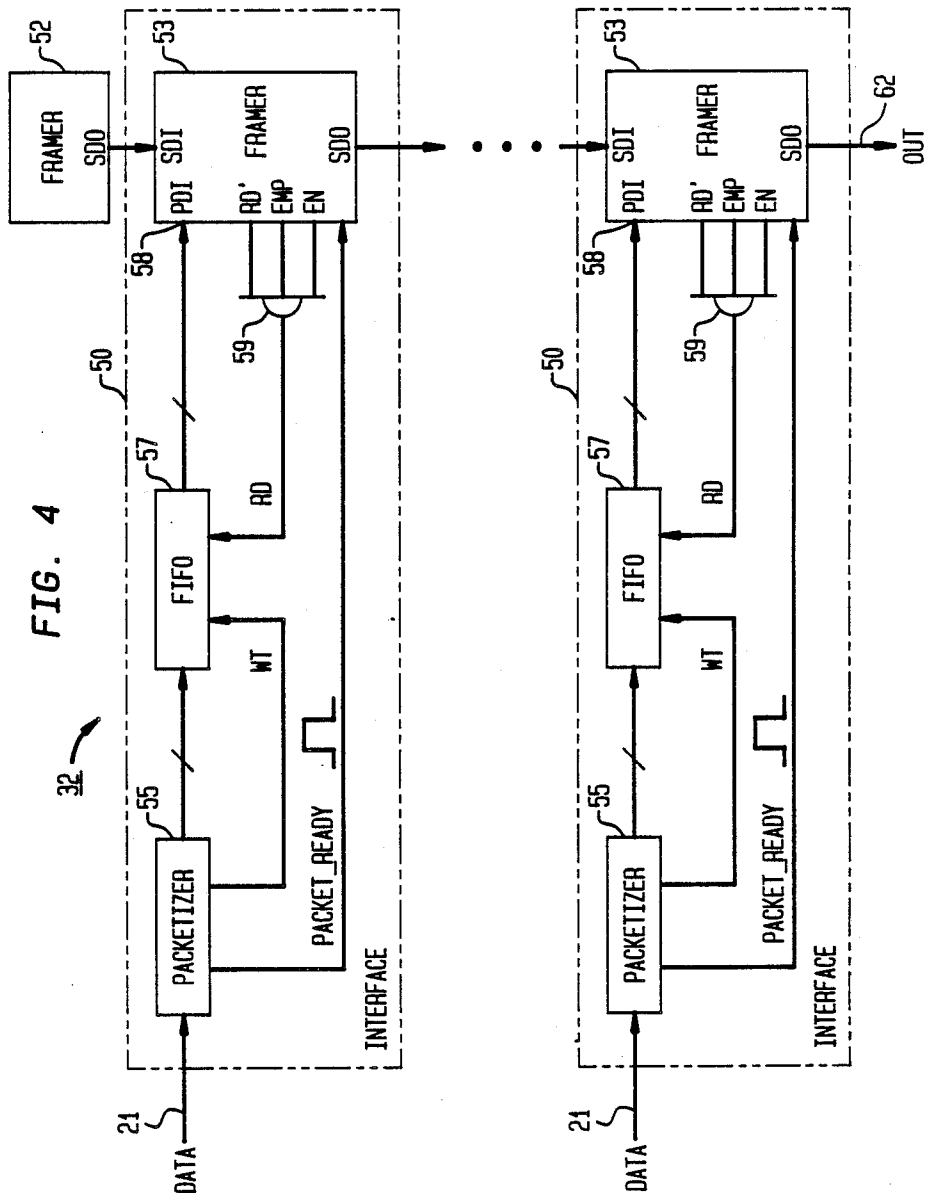
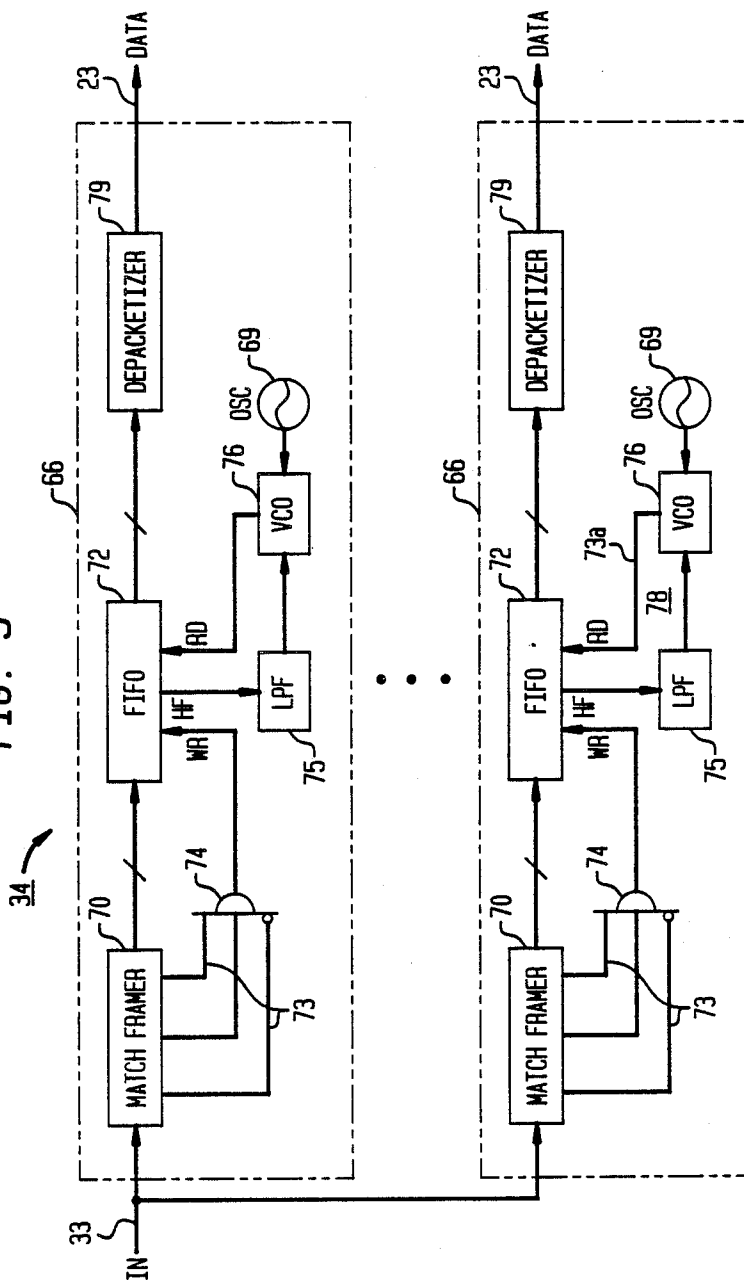


FIG. 5



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