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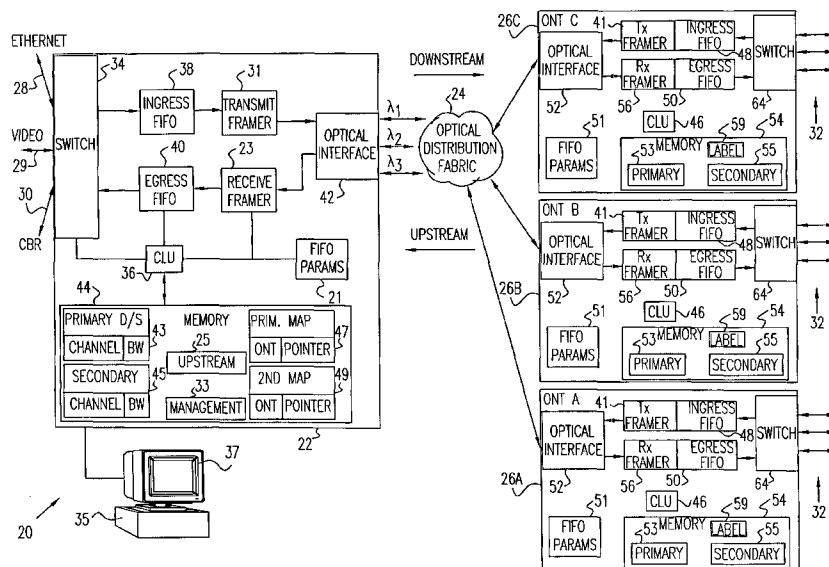
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(54) Title: OPTICAL NETWORK COMMUNICATION SYSTEM



(57) Abstract: A method for communication from a central point (22) to end points (26A, 26B, 26C,) by time division multiplexing of a sequence of frames divided into multiple timeslots, including receiving at the central point data for transmission to the end points, the data including at least a first quantity of first data for transmission to a first end point (26A) and a second quantity of second data for transmission to a second end point (26B). The method further includes allocating in each of the frames a first number of timeslots to carry the first data to the first end point, and a second number of timeslots to carry the second data to the second end point, such that the first and second numbers are variable responsive to variations in the first and second quantities of the data, and transmitting the data from the central point to the end points during the allocated timeslots.

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