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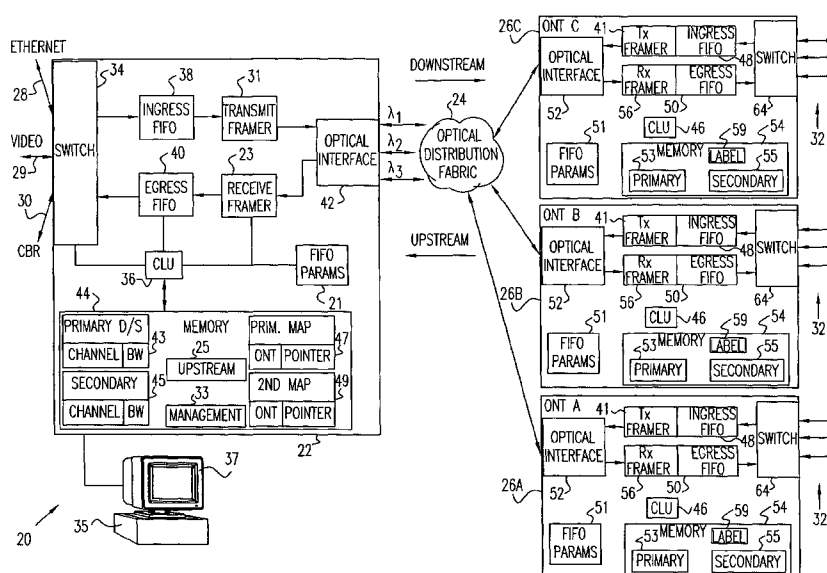
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- (71) Applicant (for all designated States except US): **FLEX-LIGHT NETWORKS LTD.** [IL/IL]; 15 Atir Yeda Street, 44643 Kfar Saba (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SHRAGA, Eyal** [IL/IL]; 13 Imber Street, 44451 Kfar Saba (IL). **MARMUR, Oren** [IL/IL]; 8 Hachavazelet Street, 55454 Kiryat Ono (IL). **RON, Ilan** [IL/IL]; 5 Hagra Street, 44451 Kfar Saba (IL). **AROL, Joseph** [IL/IL]; 4 Habarash Street, 55558 Kiryat Ono (IL).
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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.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.