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(54) Title: A SYSTEM AND METHOD FOR TRANSMITTING R-G-B SIGNALS IN A MULTI-USER COMPUTER SYSTEM

(57) Abstract

A multi-user computer system using a communications protocol in transmitting data between a plurality of user interface is described. The system includes a protocol interface controller (54) which controls the operation of an auxiliary unit (22) and interface with a base unit (20) in accordance with a predetermined communications protocol. The system further includes a communications cable (24) coupled to the interface controller (26) and the protocol interface controller (54) for transmitting signals between the base unit (20) and the auxiliary unit (22), wherein the signals to be transmitted include data and red-green-blue (RGB) video signals. The base unit receives input data from said auxiliary unit (22) via said communication cable (24) and operates to generate output data to be displayed on the second display (52) of said auxiliary unit (22) and transmits the output data via said communications in accordance with the predetermined communications protocol.

