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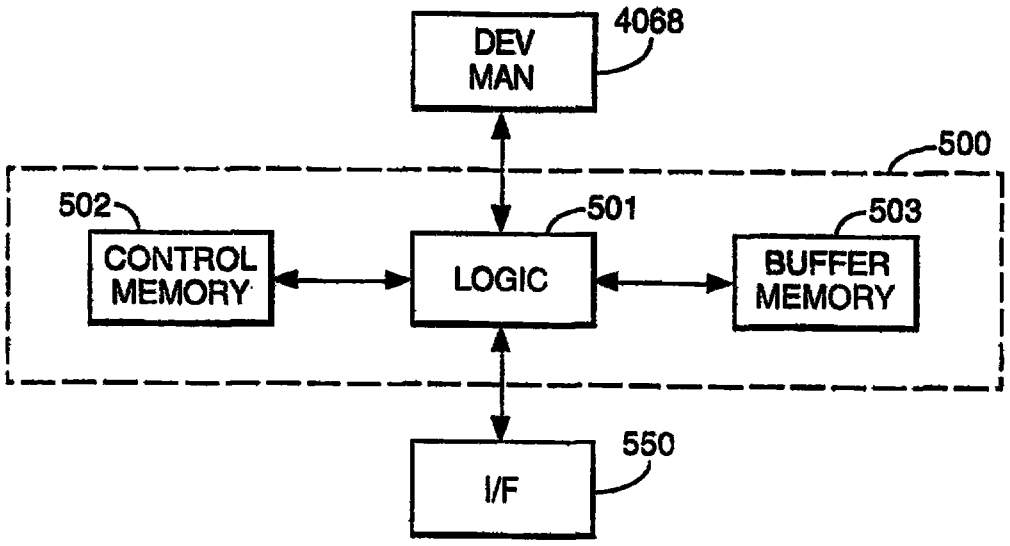
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(54) Title: MODEM CONTROL



(57) Abstract

A modem device driver, particularly for use in a receiver/decoder (2020) for a digital broadcast system in which received signals are passed through a receiver to the receiver/decoder and thence to a television set. The receiver/decoder is controlled by a virtual machine (4007) which includes a run time engine (4008). The receiver/decoder includes a plurality of interfaces to external units, and logical driver devices for the interfaces. A device driver (500) for controlling a modem interface comprises a buffer memory (503) for receiving messages, a control memory (502) for storing control parameters, and a logic unit (501) for controlling the device driver and the flow of messages. The logic unit includes a comparator (511) for matching Event, ACK, and NACK patterns stored in the control memory against the end of messages stored in the buffer memory.