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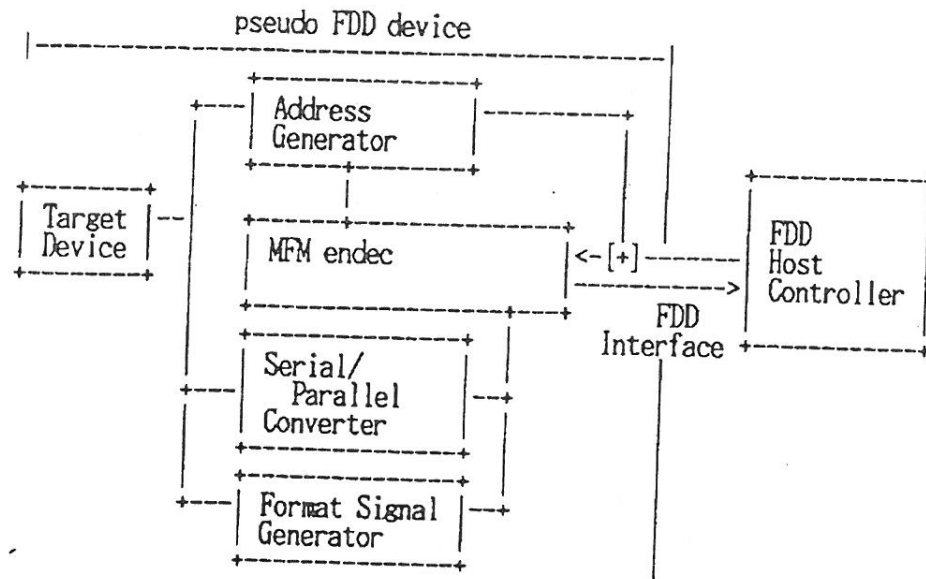
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## Communication Method between Devices through FDD Interface



Disclosed is a method for communicating between devices through Floppy Disk Drive (FDD) Interface which can be implemented via serial data lines, such as Write Data and Read Data. The FDD Host Controller compares a requested address and a address from the FDD in Read/Write operation. Only when the addresses are matched, the FDD Host Controller reads data on the data frame preceded by the address or writes data there. In the communication method through the FDD Interface, the sector data from the FDD, such as ID and DATA field information, are handled as packet data; ID field as packet header and data field as packet data. The packet header has the packet attributes to indicate data type in the packet data. The Figure shows the block diagram of the subject method.

- Address Generator generates the address information compatible with FDD ID information. It indicates packet attribute; Command Packet, Status Packet, Device Information Packet and Data Packet.
- MFM endec decodes and encodes MFM data on Read/Write data line.
- Format Signal Generator generates FDD compatible format pattern such as Synchronizing pattern.