

A Universal Multimedia Display Adapter

Abstract

An interface adapter converts a video signal compliant with multiple video transmission
5 interface specifications to a video signal compliant with a HDMI specification for display
upon a video display. The interface adapter has a plurality of input ports to receive the
video signals. The interface adapter further has a source selector to select one of the input
ports to provide the video signal. A synchronization device receives and retains the
selected video signal based on timing signals of video signal's transmission interface
10 specification. A high definition multimedia formatter extracts the video signal with a timing
signal in compliance with the HDMI specification, formats the video signal to the voltage
levels and format of the HDMI. A transition minimized differential signaling driver amplifies
and buffers the video signal in compliance with the HDMI specification for transfer through
the output port to a video display.

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Figure no. 3 is suggested for publication.

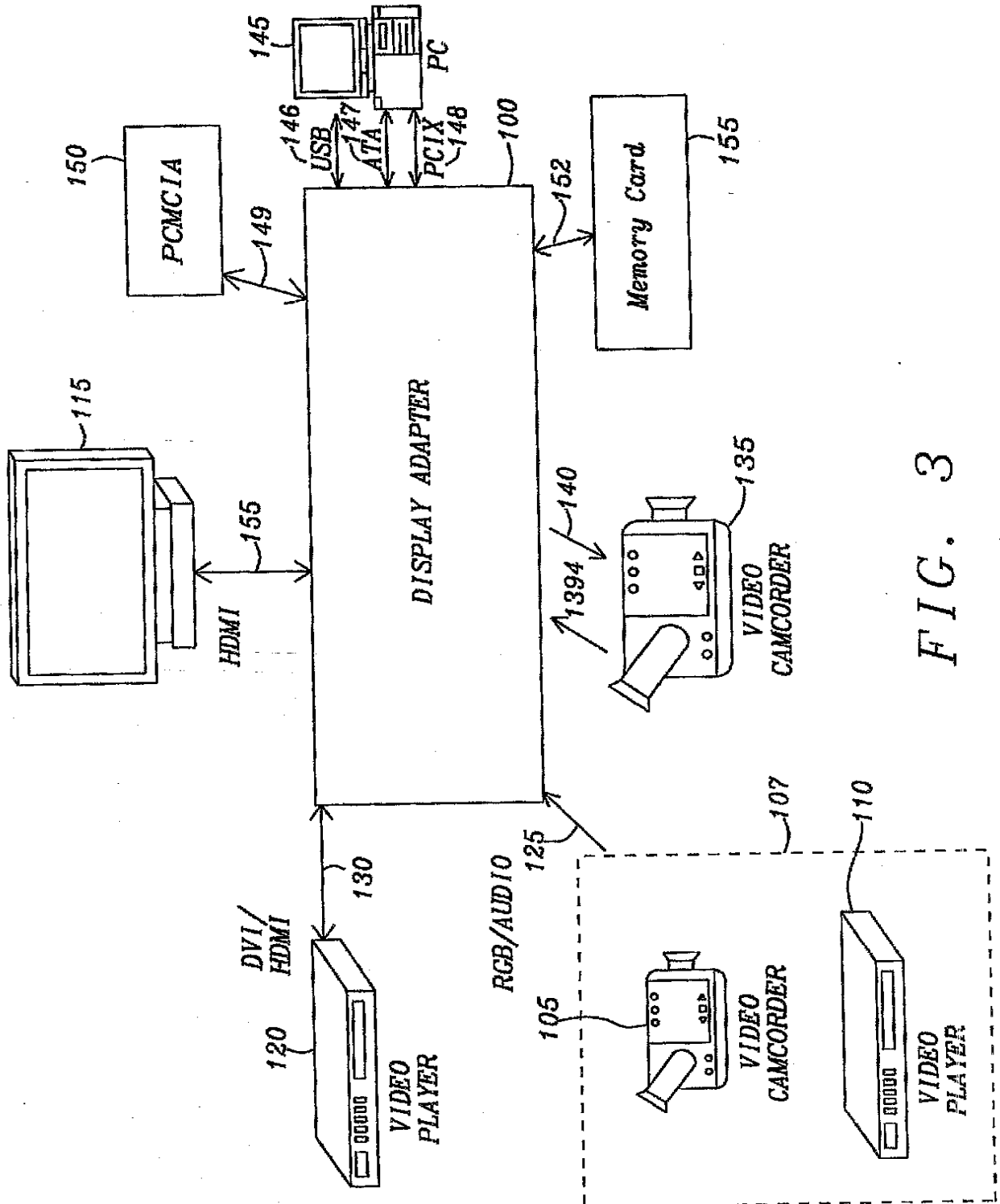


FIG. 3