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Omoigui

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(54) **SEAMLESS SWITCHING BETWEEN
DIFFERENT PLAYBACK SPEEDS OF
TIME-SCALE MODIFIED DATA STREAMS**

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patent is extended or adjusted under 35
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(52) **U.S. Cl.** **725/94; 709/231**

(58) **Field of Classification Search** **725/88,**
725/102, 93, 94

See application file for complete search history.

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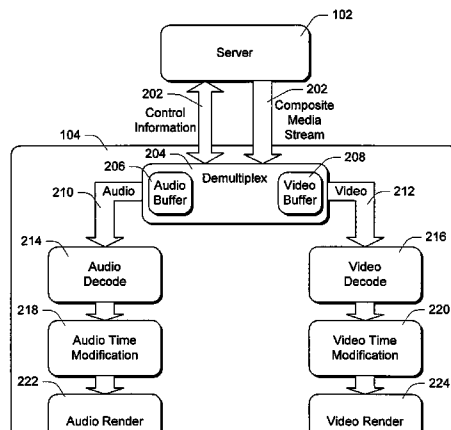
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(57) **ABSTRACT**

In a network environment, multimedia content is streamed
from a server computer to a client computer via the network.
A user of the client computer can alter the speed at which the
multimedia content is played; either speeding up or slowing
down the playback. The client seamlessly switches between
the different playback speeds, reducing breaks and/or delays
between the time the user selects the new playback speed
and the time the multimedia content begins being played
back at the new speed.

16 Claims, 9 Drawing Sheets



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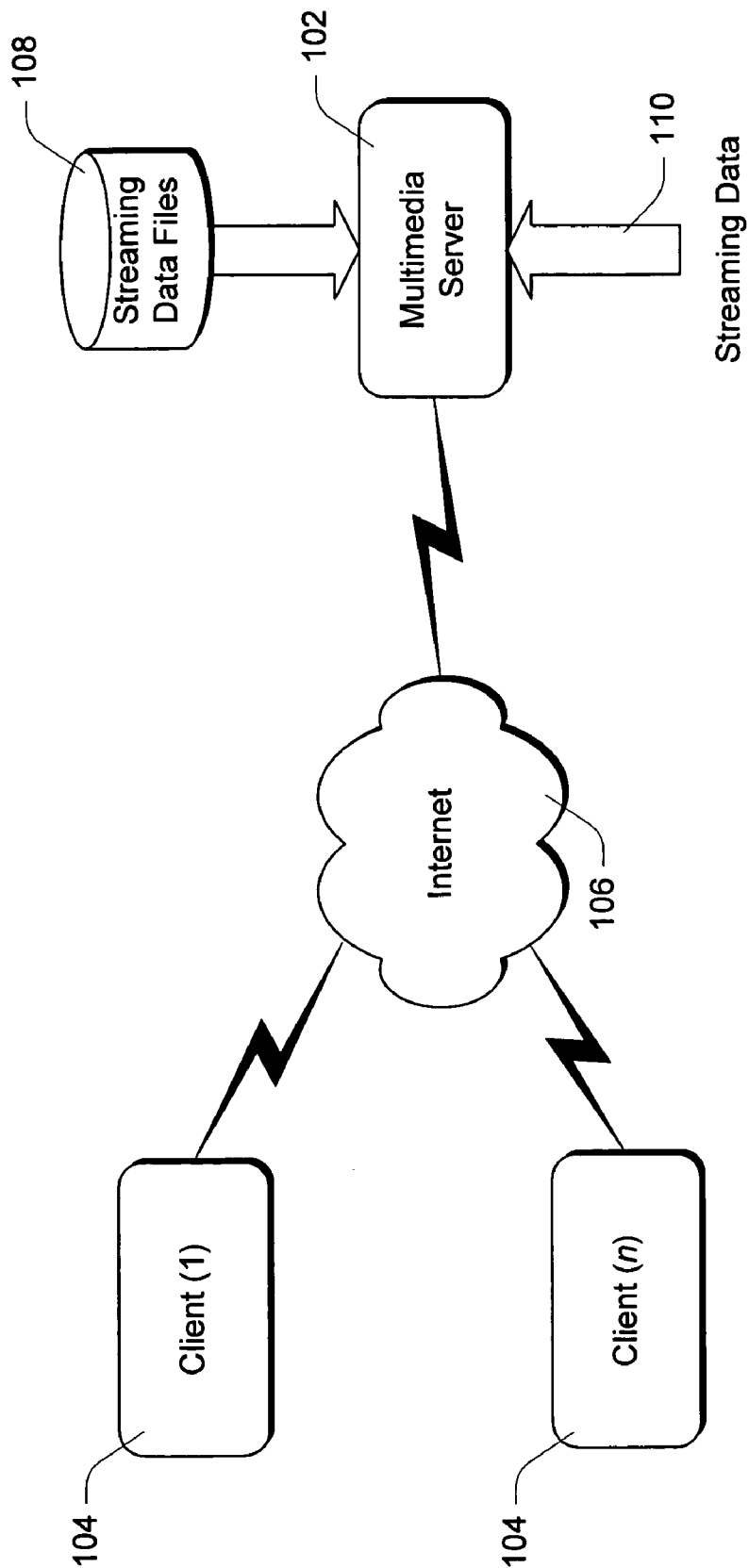
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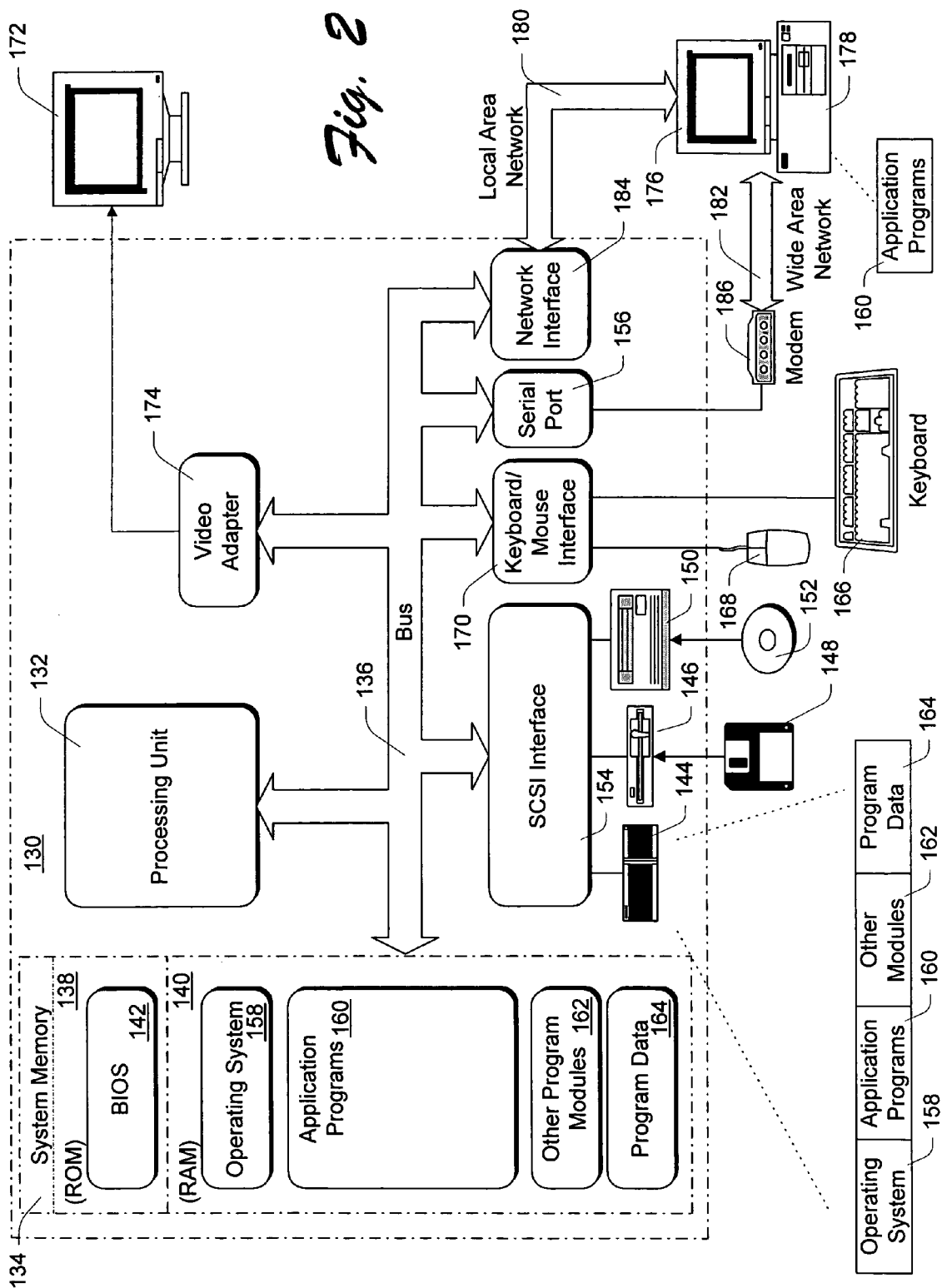
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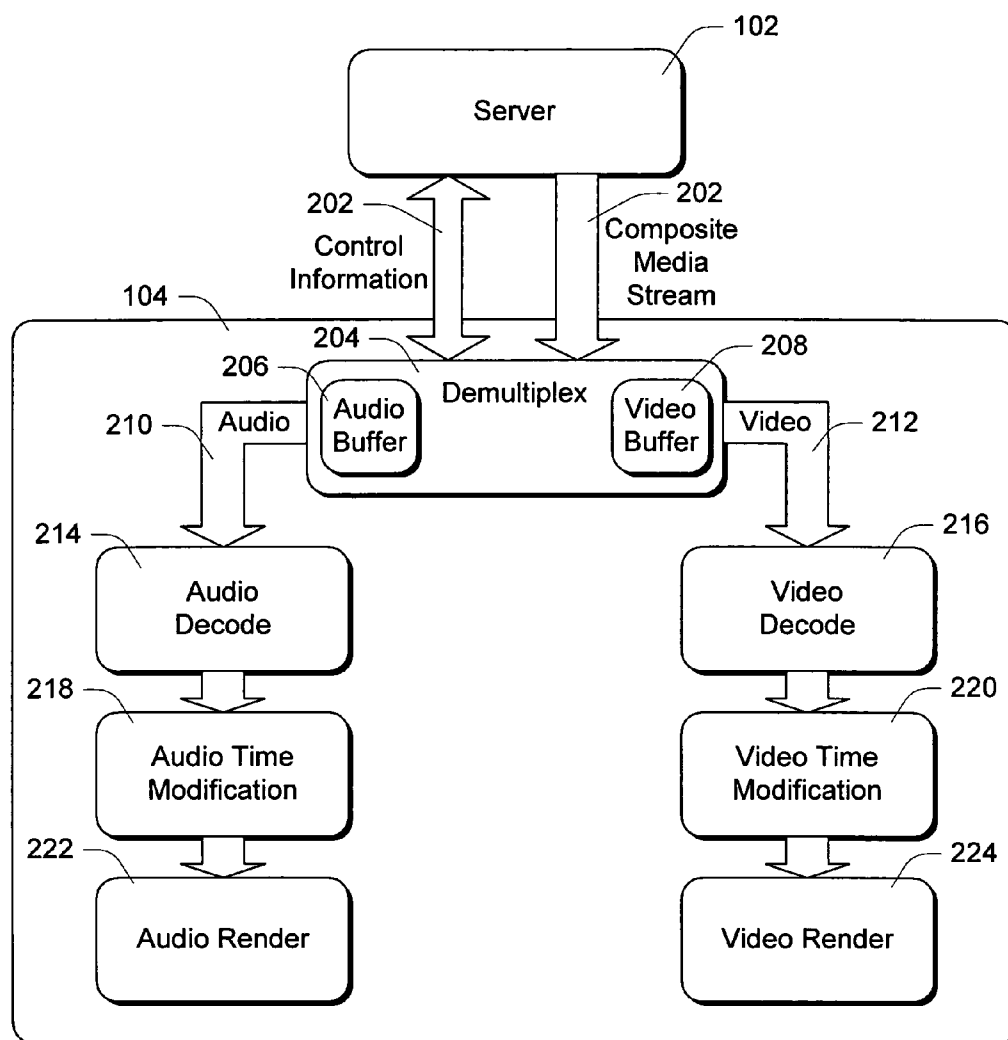
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*Fig. 1*



*Fig. 3*

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