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Omoigui

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

(75) Inventor: **Nosakhare D. Omoigui**, Redmond, WA (US)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

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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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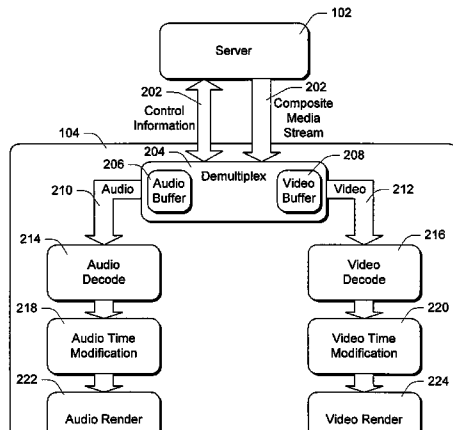
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Primary Examiner—Andrew Y. Koenig
(74) *Attorney, Agent, or Firm*—Perkins Coie LLP

(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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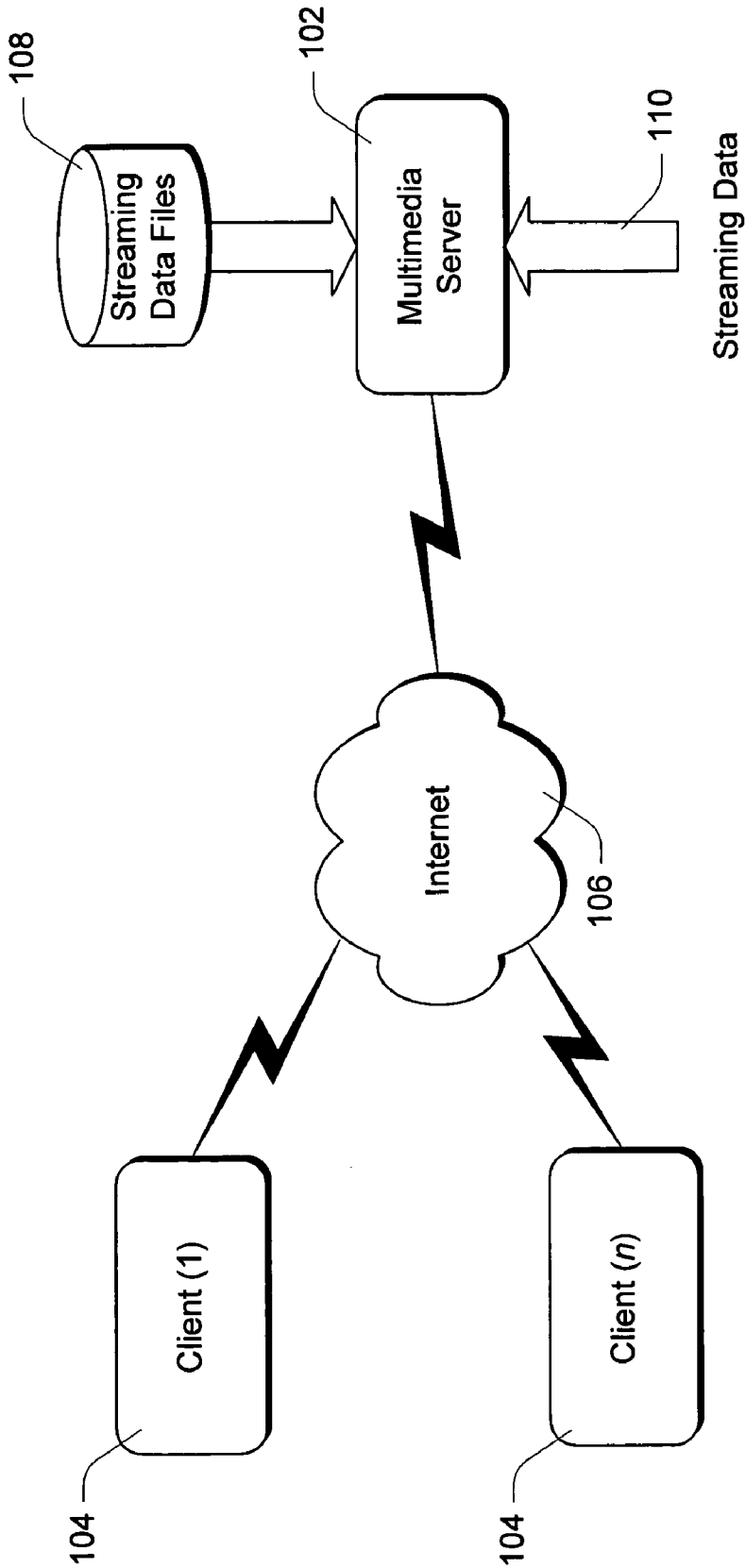
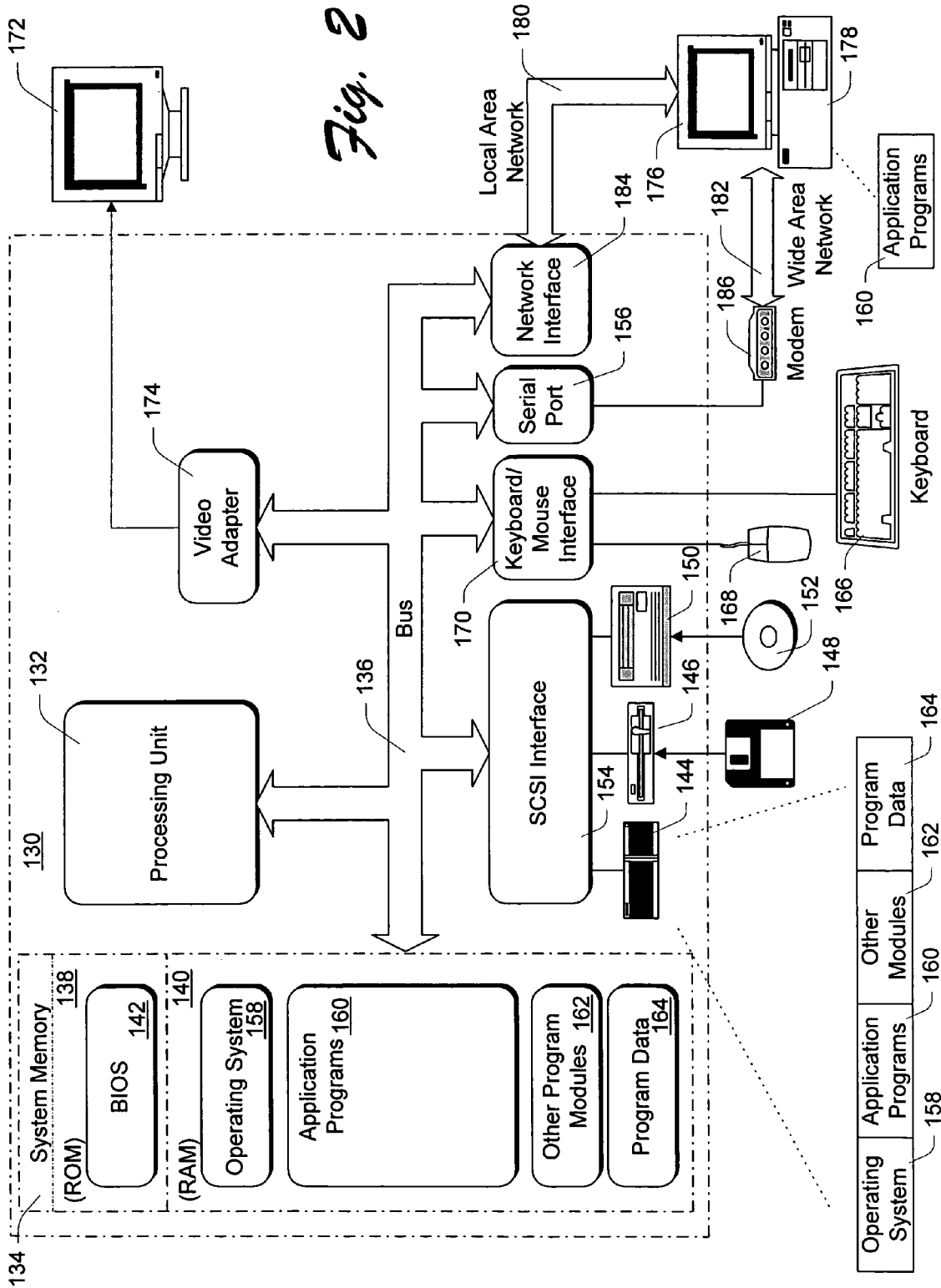


Fig. 1



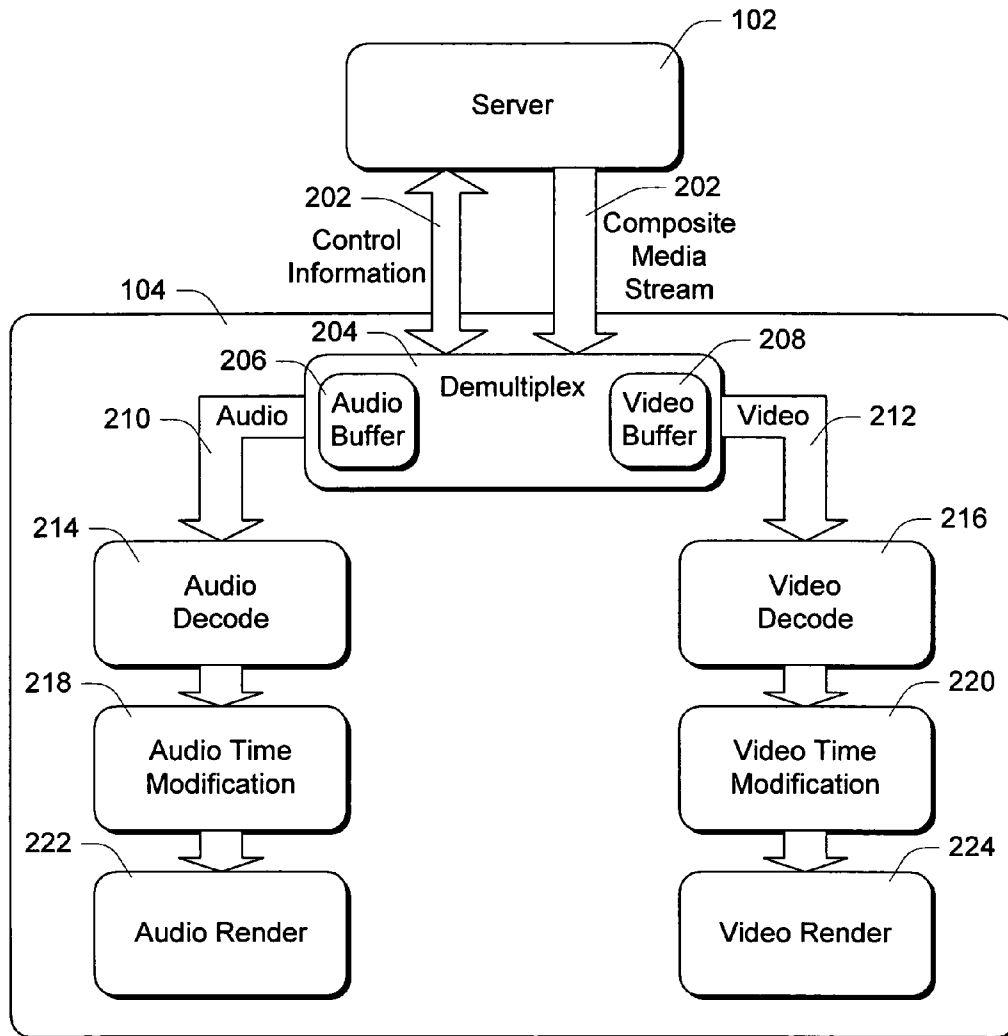


Fig. 3

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