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(12) **United States Patent Price**

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- (54) **STREAMING MEDIA BUFFERING SYSTEM**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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(21) Appl. No.: **12/800,152**

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Related U.S. Application Data

- (63) Continuation of application No. 10/893,814, filed on Jul. 19, 2004, now Pat. No. 7,716,358, which is a continuation-in-part of application No. 09/819,337, filed on Mar. 28, 2001, now Pat. No. 6,766,376.
- (60) Provisional application No. 60/231,997, filed on Sep. 12, 2000.

- (51) **Int. Cl.**
G06F 15/16 (2006.01)
- (52) **U.S. Cl.** **709/231**
- (58) **Field of Classification Search** **709/230,**
..... **709/231**

See application file for complete search history.

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Primary Examiner — Joseph Avellino

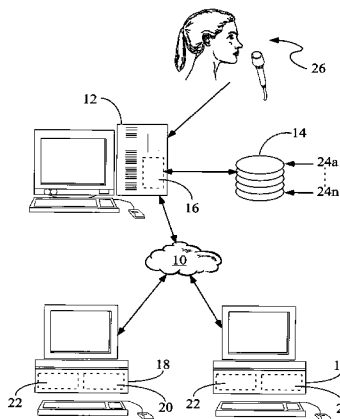
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(57) **ABSTRACT**

Streaming media, such as audio or video files, is sent via the Internet. The media are immediately played on a user's computer. Audio/video data is transmitted from the server more rapidly than it is played out by the user system. The audio/video data in the user buffer accumulates; and interruptions in playback as well as temporary modem delays are avoided.

28 Claims, 3 Drawing Sheets



US 8,122,141 B2

Page 2

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Fig. 1

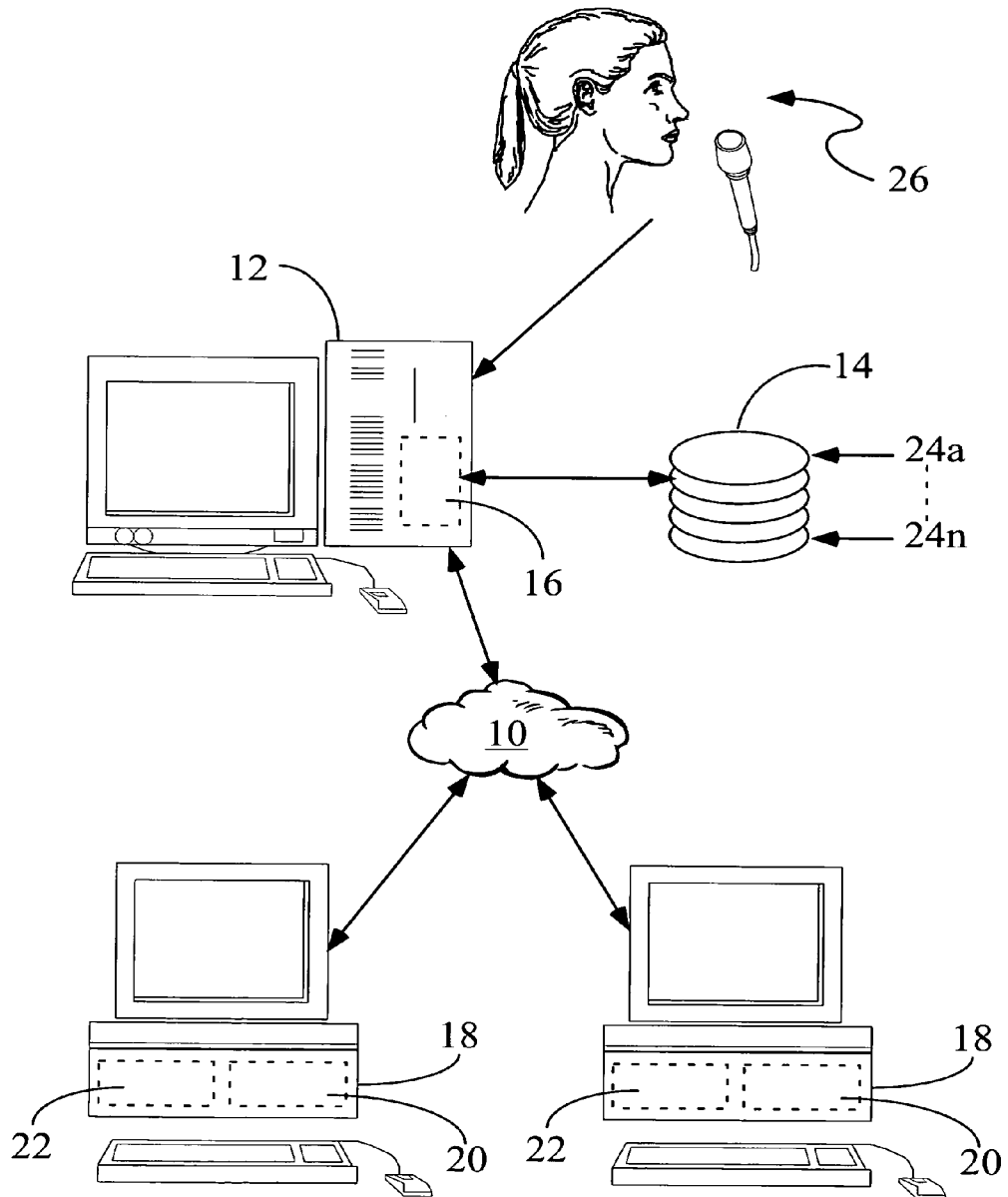


Fig. 2

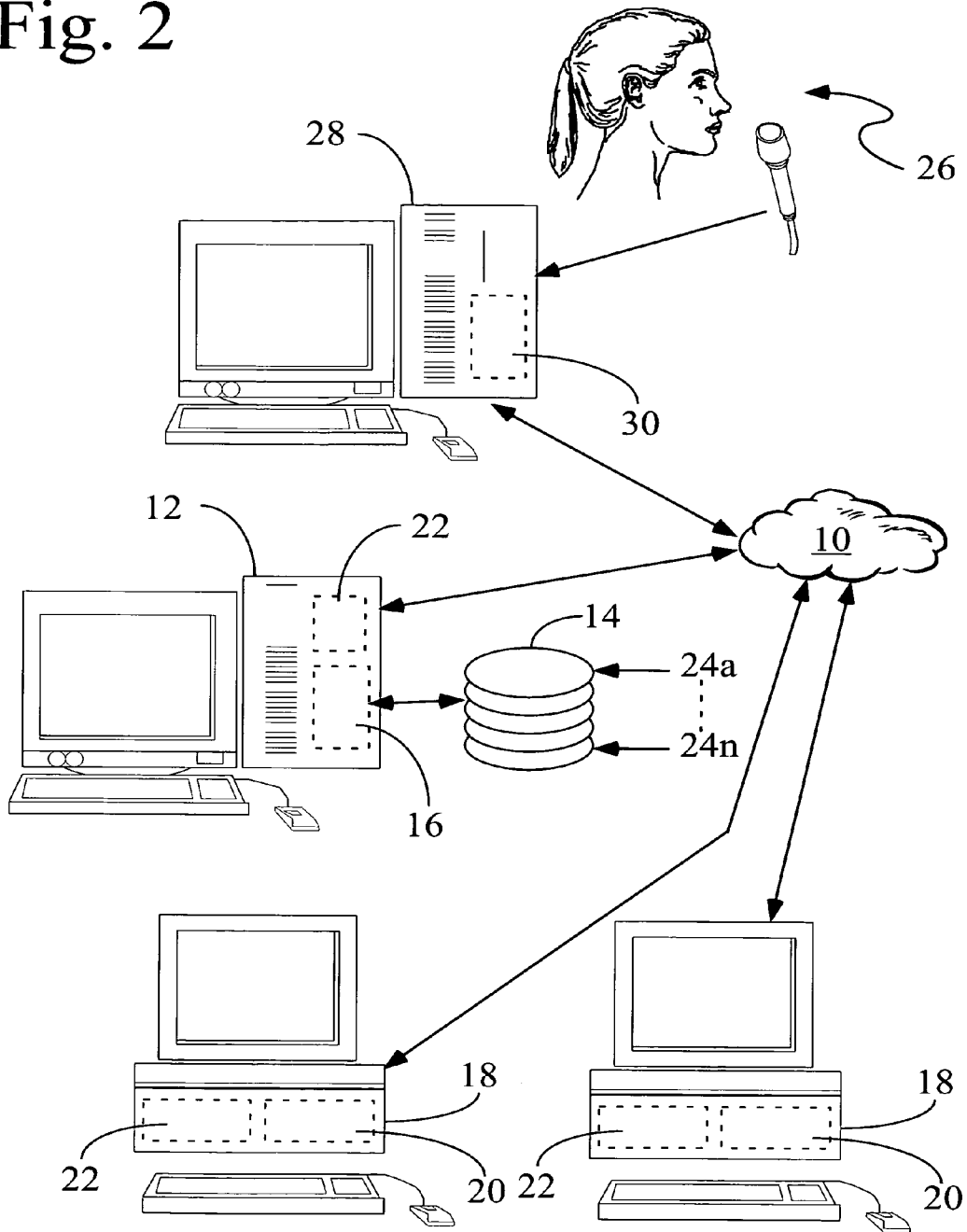
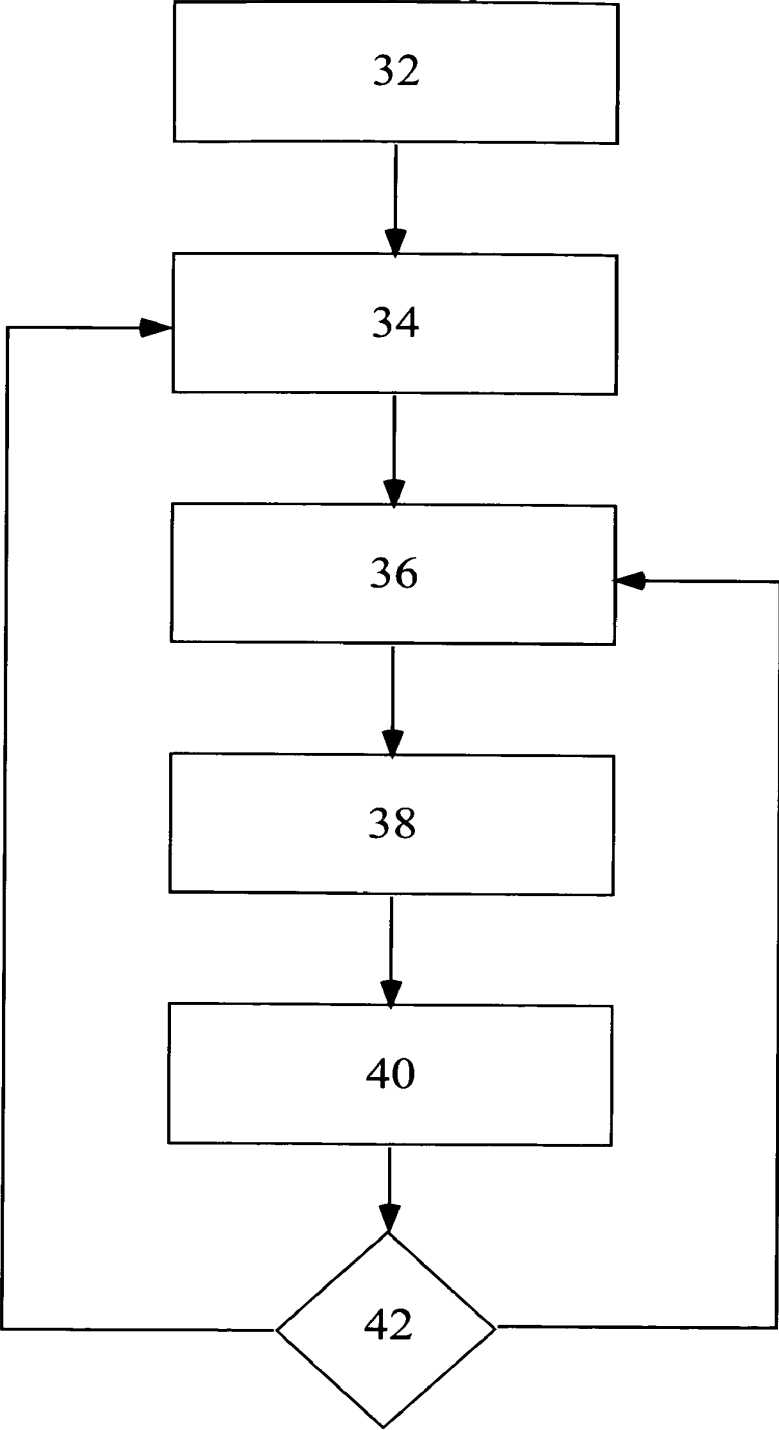


Fig. 3



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