

## (12) United States Patent **Price**

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#### (54) STREAMING MEDIA BUFFERING SYSTEM

Inventor: Harold Edward Price, Bethel Park, PA

Assignee: WAG Acquisition, LLC, Flanders, NJ

(\*) 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 dis-

claimer.

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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.
- Provisional application No. 60/231,997, filed on Sep. 12, 2000.

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G06F 15/16			

(2006.01)

(52) U.S. Cl. ...... 709/231

Field of Classification Search ...... 709/230, 709/231

See application file for complete search history.

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Primary Examiner — Joseph Avellino

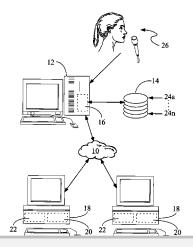
Assistant Examiner — Marshall McLeod

(74) Attorney, Agent, or Firm — Ernest D. Buff; Ernest D. Buff & Assoc. LLC; Gordon E. Fish

#### (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





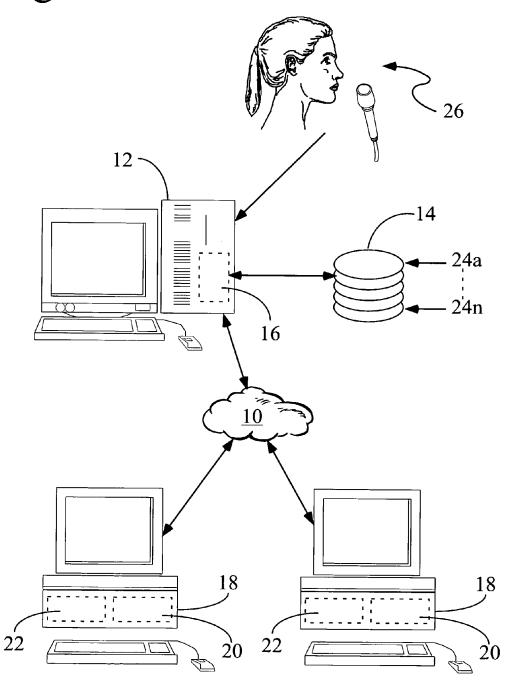
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Fig. 1





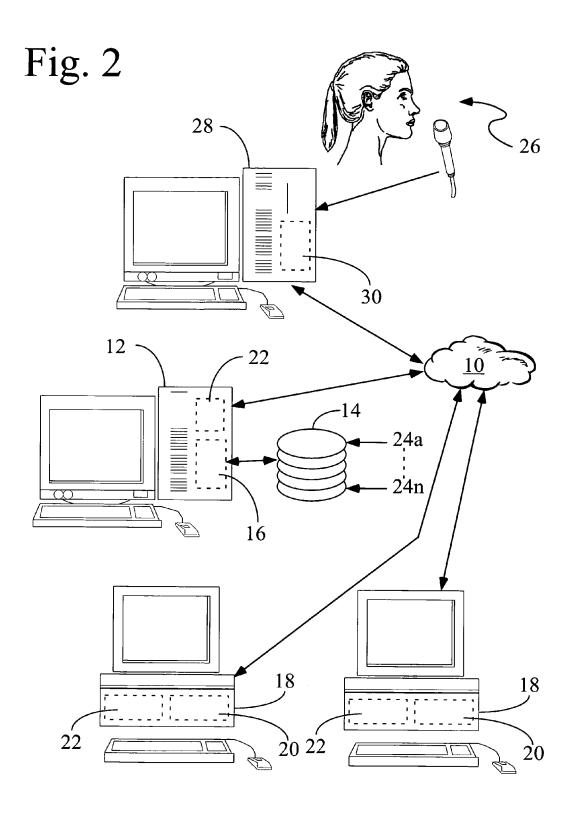
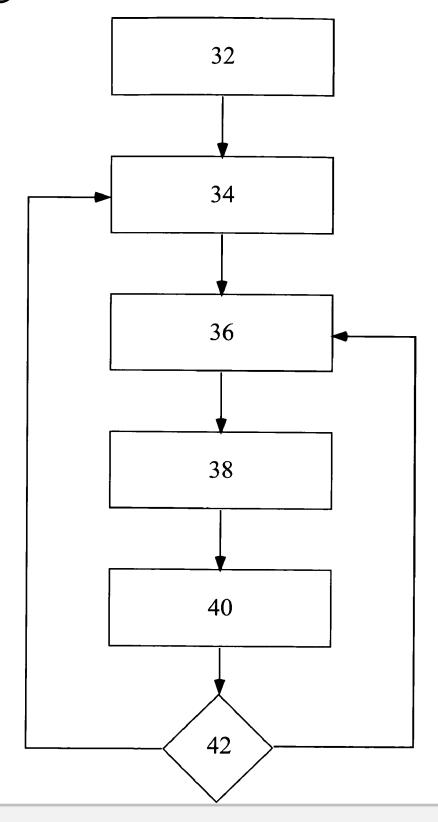




Fig. 3



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