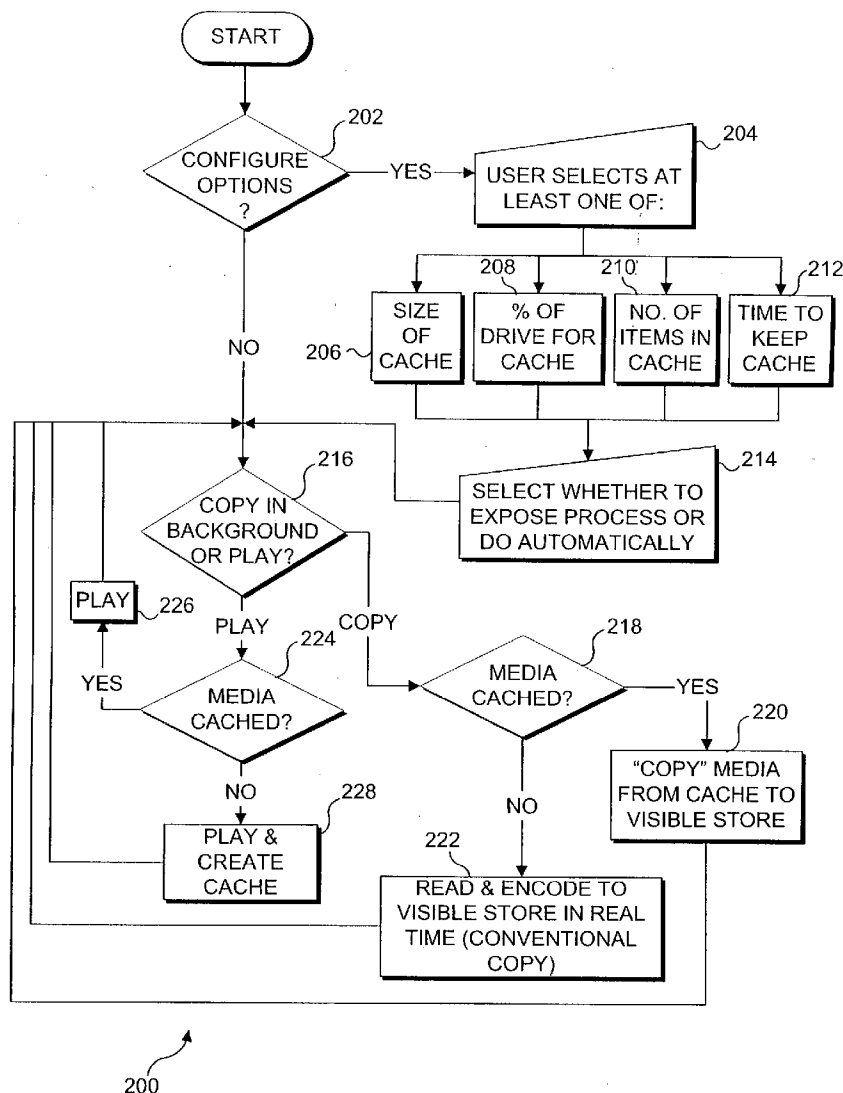


(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0098533 A1****Henshaw et al.**(43) **Pub. Date: May 20, 2004**(54) **USE OF A MEDIA CACHE FOR
SUBSEQUENT COPYING ACCELERATION**(52) **U.S. Cl. 711/100**(76) Inventors: **Jeffrey D. Henshaw**, Sammamish, WA
(US); **James E. Allard**, Seattle, WA
(US)(57) **ABSTRACT**

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Bellevue, WA 98004 (US)(21) Appl. No.: **10/298,450**(22) Filed: **Nov. 15, 2002****Publication Classification**(51) **Int. Cl.⁷ G06F 3/00**

The apparent speed with which a media work is ripped to copy the work into a visible store is substantially reduced. When the media work is played, its content is cached onto a persistent, fast access storage media. If the user subsequently decides to rip the media work, the content of the cache is copied to a visible store in substantially less time than would be required to play the media work and convert it. The user thus perceives that the media work is ripped in a substantially shorter time, compared to that required for ripping the media work in a conventional manner. The ripping process may encode or transform the format of the content to a desired format for use within the visible store. Constraints may be imposed by the user to limit the cache, or the caching process may be hidden from the user.



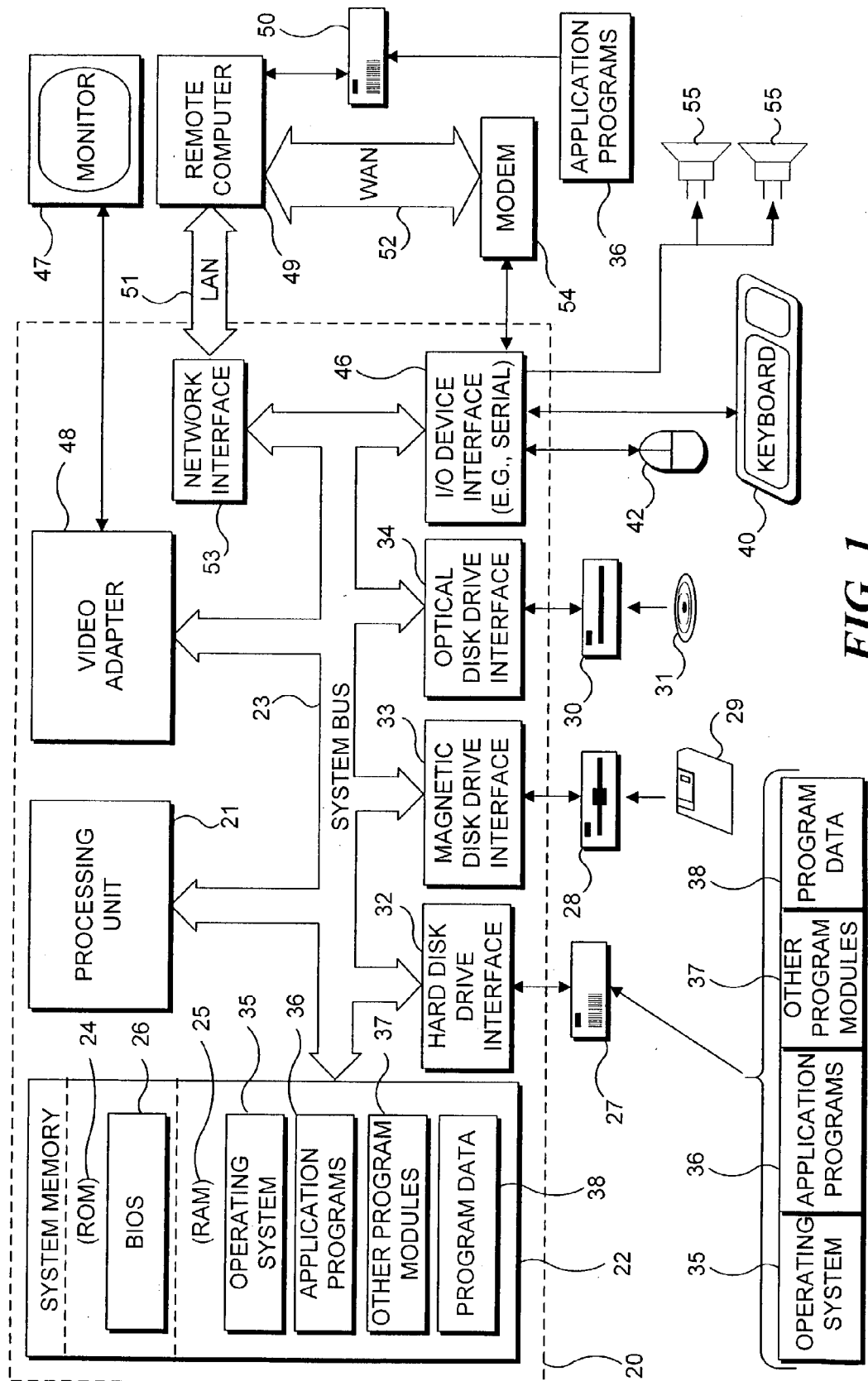


FIG. 1

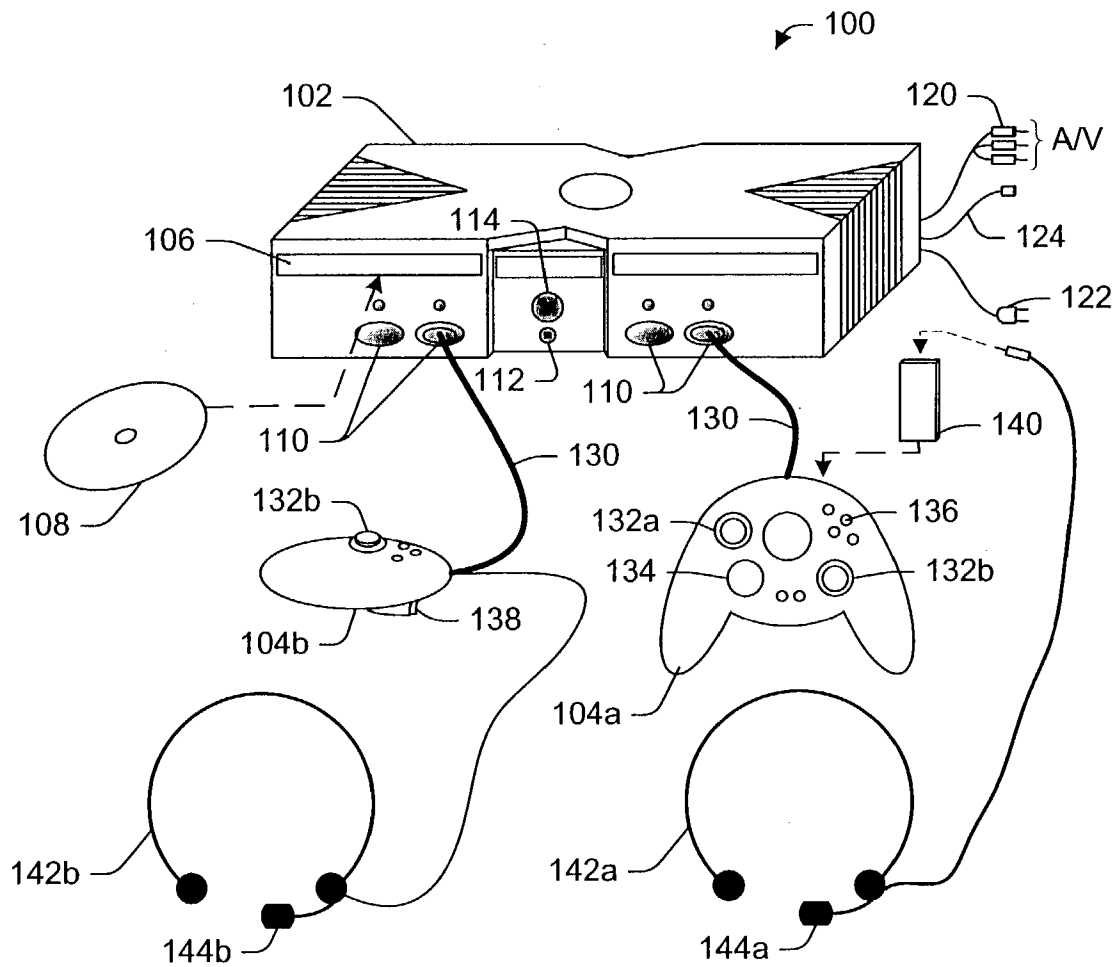


FIG. 2

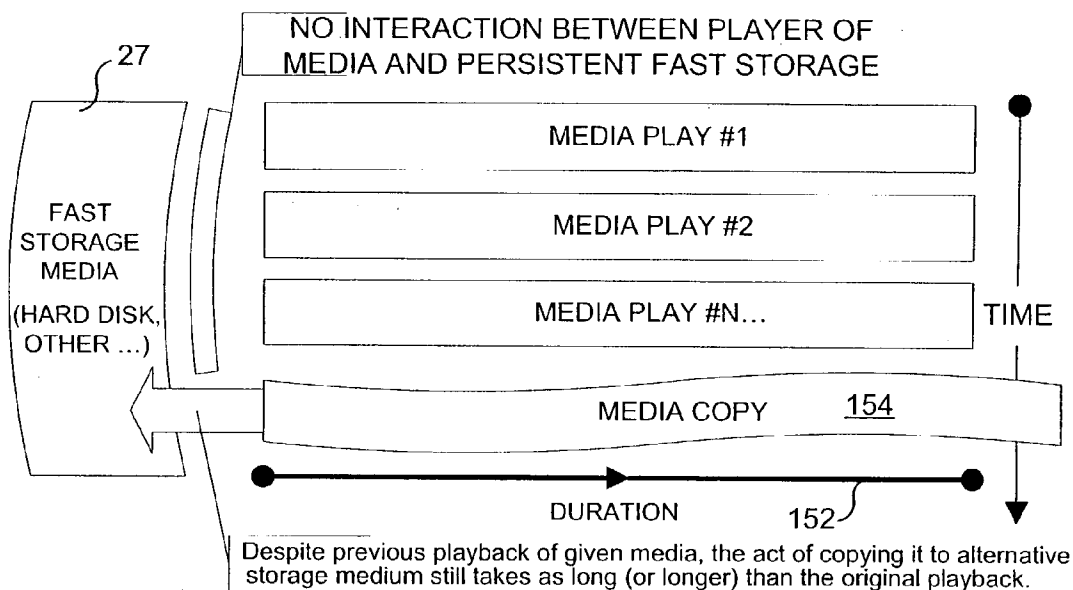


FIG. 3A
(PRIOR ART)

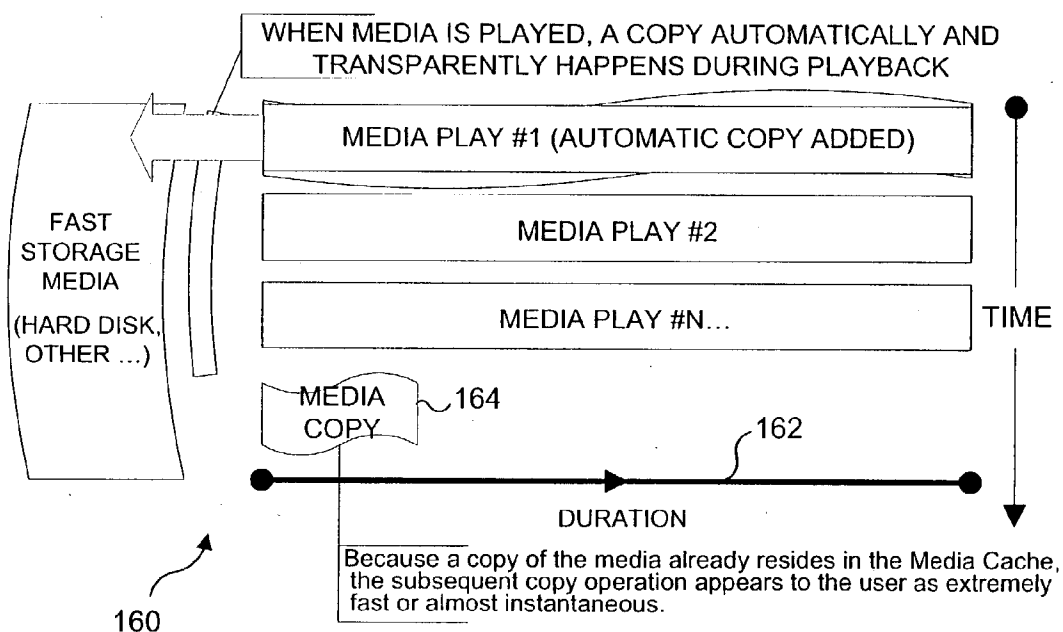


FIG. 3B

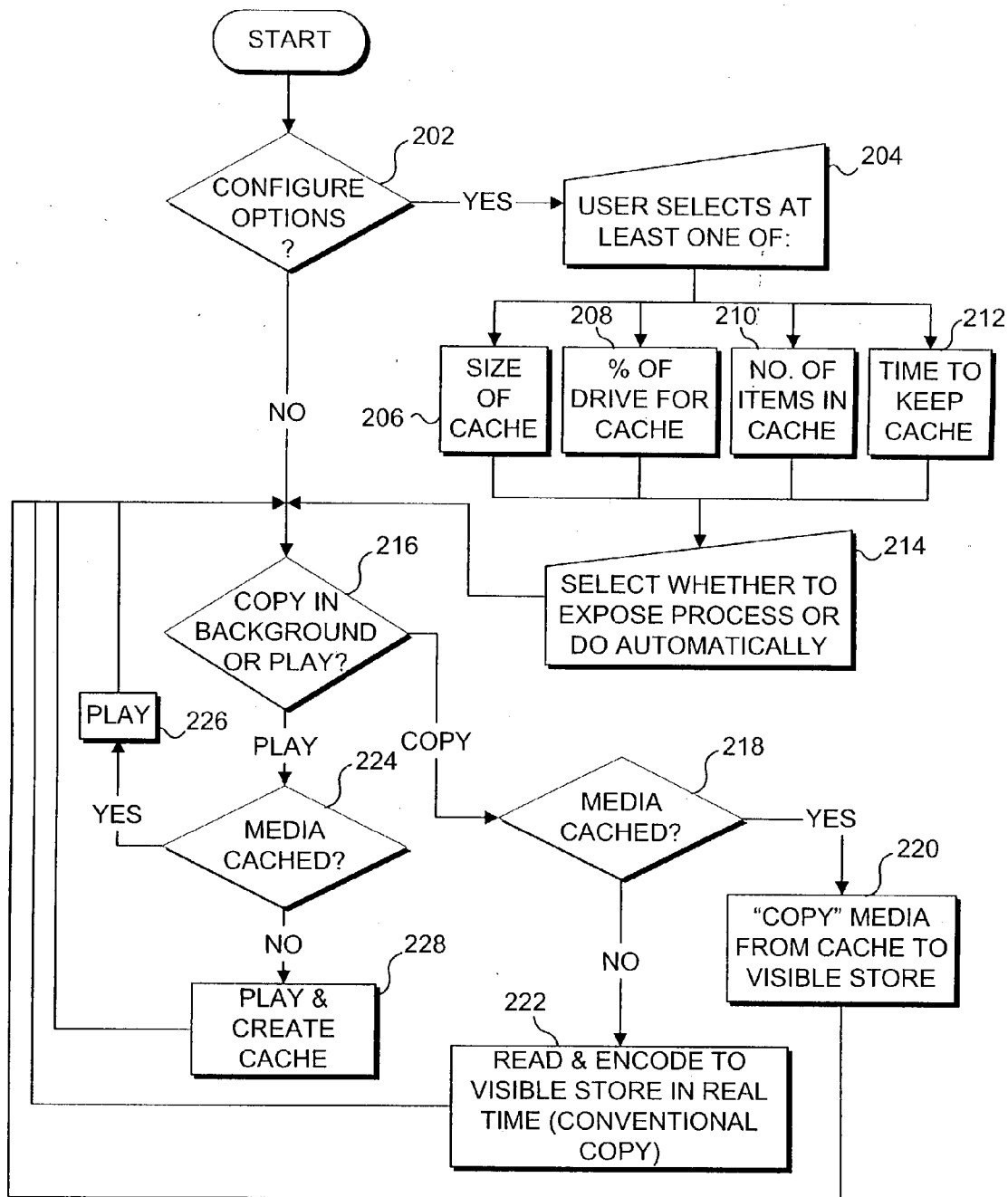


FIG. 4

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