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(54) **METHOD AND APPARATUS FOR MEDIA DATA TRANSMISSION**

(75) Inventors: **Anne Jones**, Redwood City, CA (US); **Jay Geagan**, San Jose, CA (US); **Kevin L. Gong**, Sunnyvale, CA (US); **Alagu Periyannan**, San Francisco, CA (US); **David W. Singer**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

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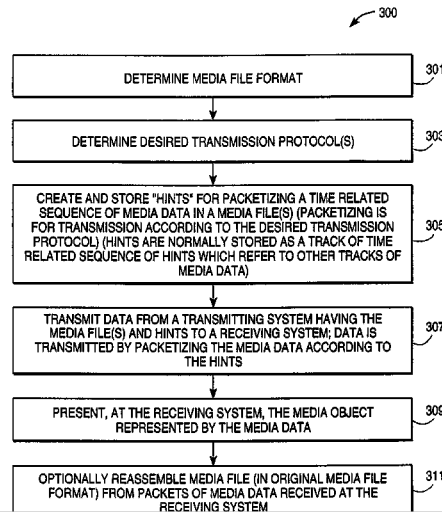(65) **Prior Publication Data**

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(51) **Int. Cl.**
G06F 15/16 (2006.01)
(52) **U.S. Cl.** **709/230**; 709/231; 370/394

(58) **Field of Classification Search** 709/230, 709/231; 370/394
See application file for complete search history.

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Primary Examiner — Krisna Lim
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(57) **ABSTRACT**

Methods and apparatuses for processing media data transmitted in a data communication medium. A digital processing system is provided with a time related sequence of media data provided to the digital processing system based on a set of data, wherein the set of data indicates a method to transmit the time related sequence of media data according to a transmission protocol. The set of data, itself, is a time related sequence of data associated with the time related sequence of media data. The time related sequence of media data may be presented and/or stored by the digital processing system.

20 Claims, 14 Drawing Sheets

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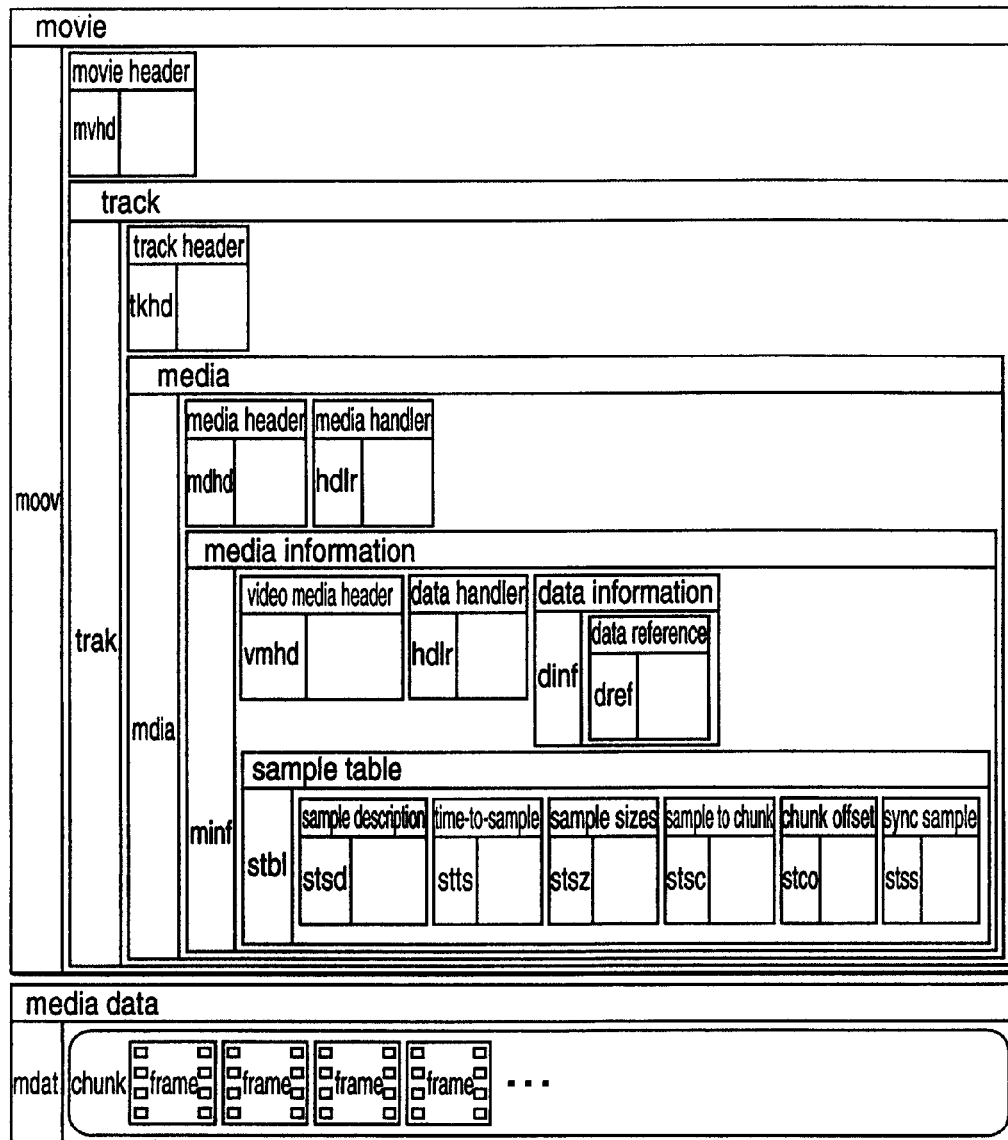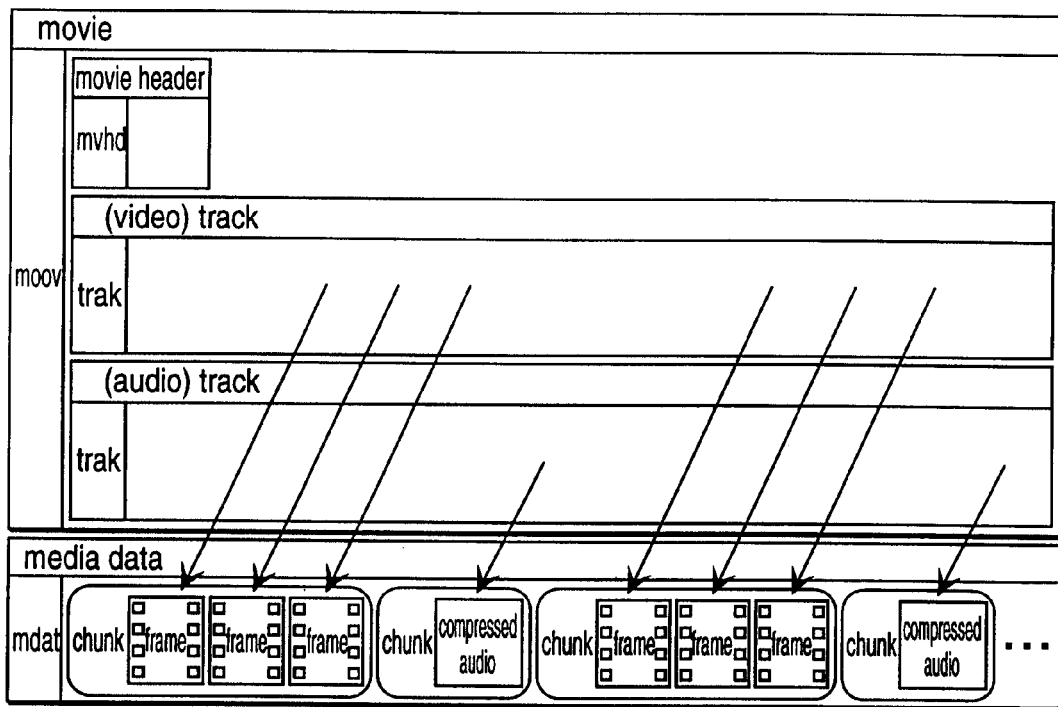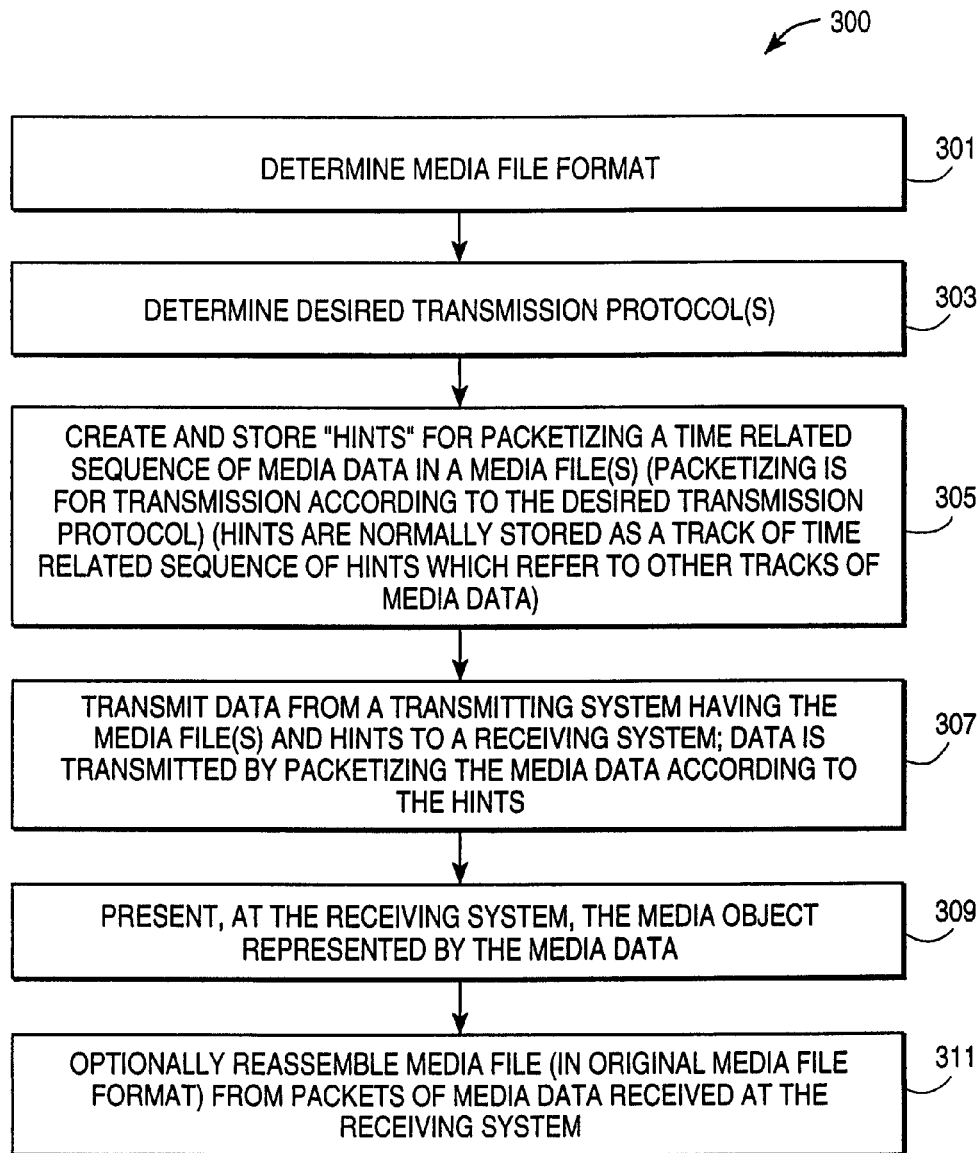
FIG. 1
Prior Art

FIG. 2
Prior Art

300

| DETERMINE MEDIA FILE FORMAT | 301 |

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| DETERMINE DESIRED TRANSMISSION PROTOCOL(S) | 303 |

↓

| CREATE AND STORE "HINTS" FOR PACKETIZING A TIME RELATED SEQUENCE OF MEDIA DATA IN A MEDIA FILE(S) (PACKETIZING IS FOR TRANSMISSION ACCORDING TO THE DESIRED TRANSMISSION PROTOCOL) (HINTS ARE NORMALLY STORED AS A TRACK OF TIME RELATED SEQUENCE OF HINTS WHICH REFER TO OTHER TRACKS OF MEDIA DATA) | 305 |

↓

| TRANSMIT DATA FROM A TRANSMITTING SYSTEM HAVING THE MEDIA FILE(S) AND HINTS TO A RECEIVING SYSTEM; DATA IS TRANSMITTED BY PACKETIZING THE MEDIA DATA ACCORDING TO THE HINTS | 307 |

↓

| PRESENT, AT THE RECEIVING SYSTEM, THE MEDIA OBJECT REPRESENTED BY THE MEDIA DATA | 309 |

↓

| OPTIONALLY REASSEMBLE MEDIA FILE (IN ORIGINAL MEDIA FILE FORMAT) FROM PACKETS OF MEDIA DATA RECEIVED AT THE RECEIVING SYSTEM | 311 |

FIG. 3

DOCKET ALARM

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