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(12) United States Patent

MEDIA-ON-DEMAND SYSTEM

Katz et al.

(54) USER CONTROLLED MULTI-DEVICE

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U.S.C. 154(b) by 682 days.

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(2006.01)

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,442,390	Α	*	8/1995	Hooper et al	725/90
5,453,779	A	*	9/1995	Dan et al	725/88
5,461,415	Α	*	10/1995	Wolf et al	725/88
5,528,513	A	*	6/1996	Vaitzblit et al 7	718/103

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(45) **Date of Patent:**

Sep. 5, 2006

5,557,724 A *	9/1996	Sampat et al 725/43
5,586,264 A *	12/1996	Belknap et al 725/115
5,761,417 A *	6/1998	Henley et al 709/231
6,049,831 A	4/2000	Gardell et al 709/236
6,483,986 B1*	11/2002	Krapf
6,496,981 B1*	12/2002	Wistendahl et al 725/112
2002/0088011 A1*	7/2002	Lamkin et al 725/142

FOREIGN PATENT DOCUMENTS

EP	0 673 160	8/1998
JР	2000-004272	1/2000

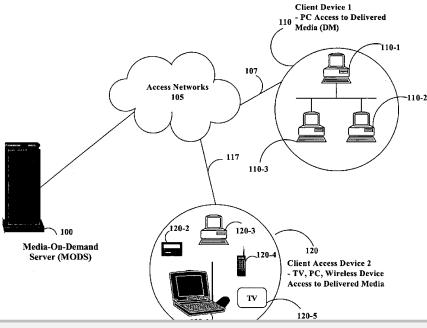
^{*} cited by examiner

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(57) ABSTRACT

A method for providing configurable access to media in a media-on-demand system also can include delivering the media to a first client device in a format compatible with the first client device; interrupting the delivery of the media; recording a bookmark specifying a position in the media where the interruption occurred; and resuming delivery of the media to a second client device, the resumed delivery beginning at a position in the media specified by the recorded bookmark. The method further can include identifying device properties for each of the first and second client devices; delivering the media to the first client device in a format compatible with the identified device properties for the first client device in a format compatible with the identified device properties for the second client device.

11 Claims, 6 Drawing Sheets





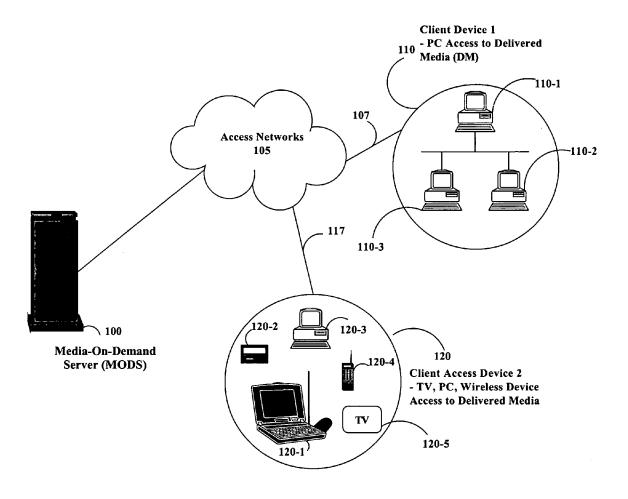
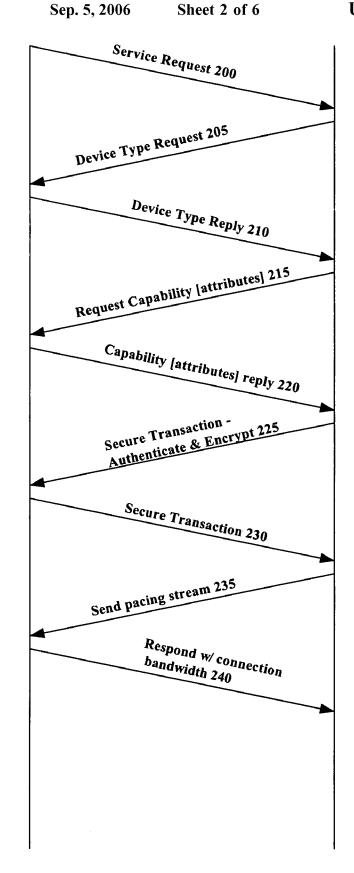


FIG. 1



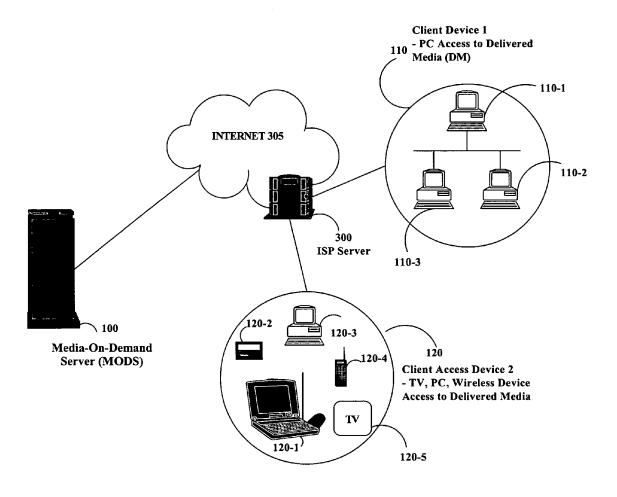


FIG. 3

User Identification

400

	Information on last viewing		

Delivered Media Identification 405 **Billing Information** 410 **MODS Identification** 415 DM Identification/this MODS 420 Time code of last viewed second 425 Time code of beginning of last scene in progress 430 **Last Format Used** 435 Transaction Identification 440 445 Duration

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FIG. 4.

DOCKET

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