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(54) **PERSONAL AREA NETWORK HAVING MEDIA PLAYER AND MOBILE DEVICE CONTROLLING THE SAME**

(75) Inventor: **Alfredo C. Issa**, Apex, NC (US)

(73) Assignee: **Qurio Holdings, Inc.**, Raleigh, NC (US)

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(52) **U.S. Cl.** **455/556.1**; 455/41.2; 455/41.3; 455/68; 455/69; 455/70; 370/338
(58) **Field of Classification Search** 455/414, 455/556.1, 41.2
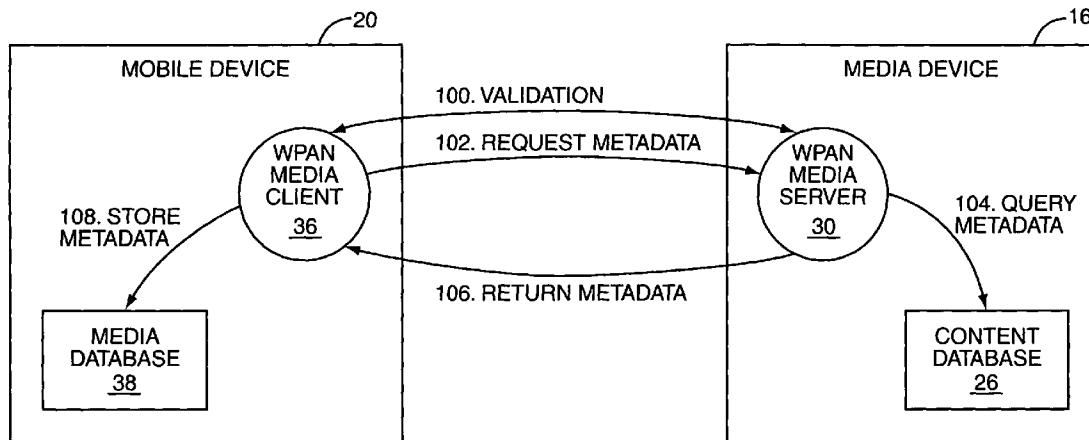See application file for complete search history.

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Primary Examiner—Dwayne Bost
Assistant Examiner—Sheila B Smith
(74) *Attorney, Agent, or Firm*—Withrow & Terranova, PLLC

(57) **ABSTRACT**

A system and method are provided for controlling content played by a number of media devices. In general, the system includes a mobile device and the number of media devices. The mobile device includes a wireless communication interface for communicating with the media devices, a media database, and a control system including a media client. When the mobile device enters a Wireless Personal Area Network (WPAN) associated with a media device, the media client obtains information describing the content residing at the media device and stores the information in the media database at the mobile device. Thereafter, when the mobile device is within the WPAN associated with the media device, the media database is used to select content to be played at the media device.
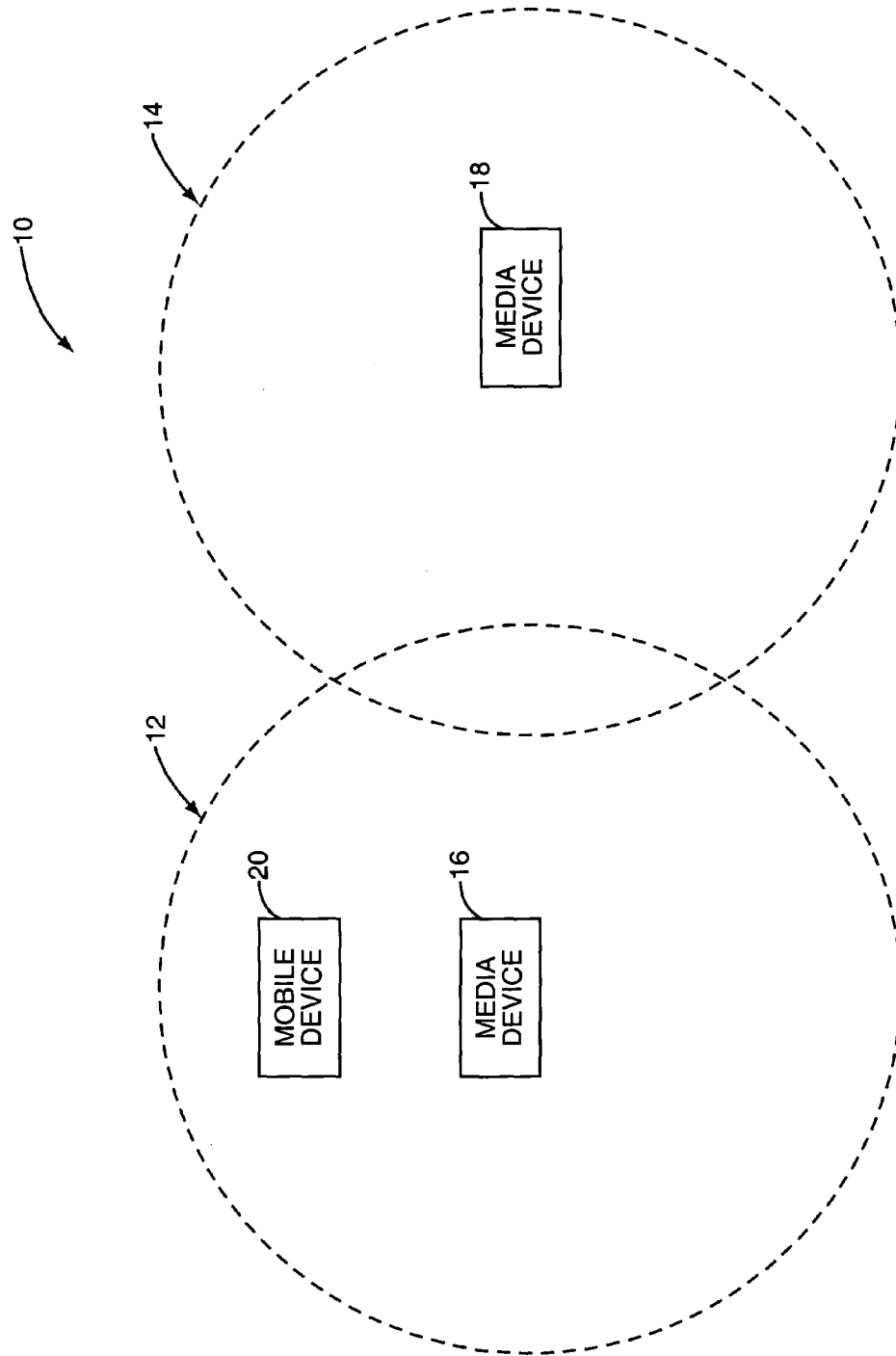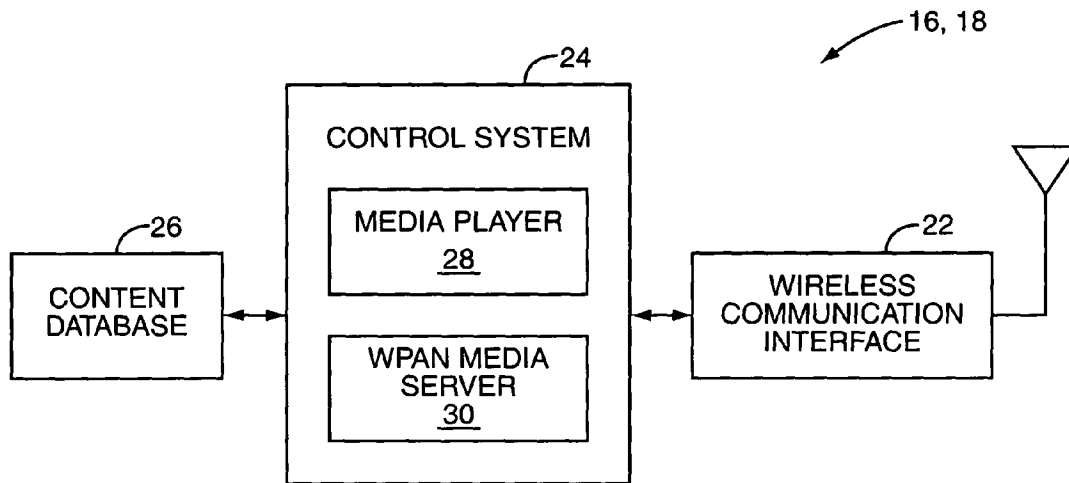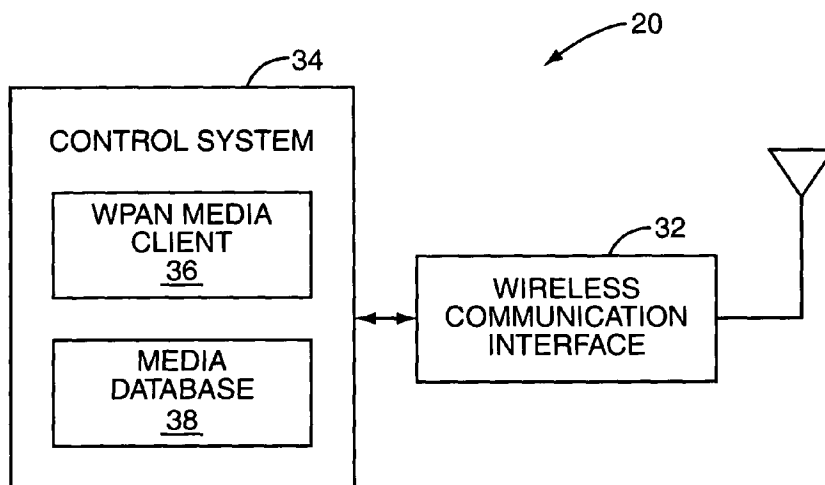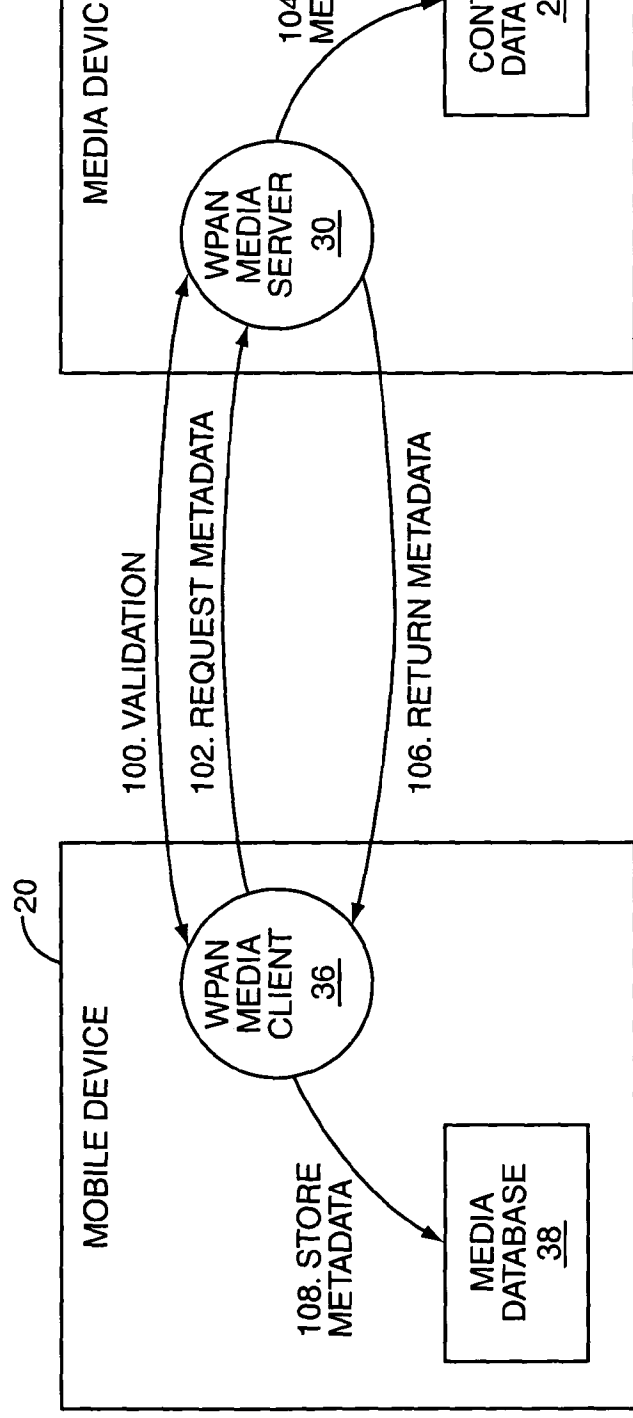
20 Claims, 7 Drawing Sheets

FIG. 1

FIG. 2

FIG. 3

MEDIA DEVIC

WPAN
MEDIA
SERVER
30

CON
DATA
2

104
ME

MOBILE DEVICE

20

WPAN
MEDIA
CLIENT
36

MEDIA
DATABASE
38

108. STORE
METADATA

100. VALIDATION

102. REQUEST METADATA

106. RETURN METADATA

FIG. 4

—38

ID	NAME	TYPE	LAST PLAYED	SERVER
1	BIRTHDAY	JPEG	10-3-2005 4:24 PM	KITCHEN
2	SWEET HOME ALABAMA	MP3	8-12-2005 9:04 AM	STUDY
3	HELLO	WMA	9-16-2005 7:53 PM	STUDY
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

FIG. 5

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