

# EXHIBIT B

(12) **United States Patent**  
**Marlowe**

(10) **Patent No.:** **US 8,155,342 B2**  
(45) **Date of Patent:** **\*Apr. 10, 2012**

(54) **MULTIMEDIA DEVICE INTEGRATION SYSTEM**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 516 days.  
This patent is subject to a terminal disclaimer.

(21) Appl. No.: **11/475,847**

(22) Filed: **Jun. 27, 2006**

(65) **Prior Publication Data**

US 2007/0015486 A1 Jan. 18, 2007

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 11/071,667, filed on Mar. 3, 2005, which is a continuation-in-part of application No. 10/732,909, filed on Dec. 10, 2003, which is a continuation-in-part of application No. 10/316,961, filed on Dec. 11, 2002, now Pat. No. 7,489,786.

(51) **Int. Cl.**  
**H04B 1/00** (2006.01)

(52) **U.S. Cl.** ..... **381/86; 701/36; 455/345**

(58) **Field of Classification Search** ..... 381/86;  
340/825.24; 700/94; 710/303; 455/99, 3.06;  
348/837, 838; 725/75; 701/36

See application file for complete search history.

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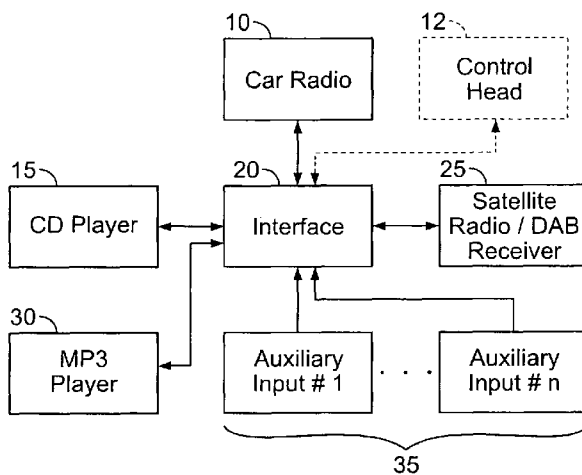
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(57) **ABSTRACT**

An multimedia device integration system is provided. One or more after-market audio or video devices, such as a CD player, CD changer, digital media device (e.g., MP3 player, MP4 player, WMV player, Apple iPod, portable media center, or other device) satellite receiver (e.g., XM or Sirius receiver), DAB receiver, video device (e.g., DVD player), cellular telephone, or any other device or combinations thereof, is integrated for use with an existing OEM or after-market car stereo or video system, wherein control commands can be issued at the car stereo or video system and data from the after-market device can be displayed on the car stereo or video system. Control commands generated at the car stereo or video system are received, processed, converted into a format recognizable by the after-market device, and dispatched to the after-market device for execution. Information from the after-market device is converted into a format recognizable by the car stereo or video system, and dispatched to the car stereo or video system for display thereon. One or more auxiliary input sources can be integrated with the car stereo or video system, and selected using the controls of the car stereo or video system. A docking station is provided for docking a portable audio or video device for integration with the car stereo or video system. Wireless integration between the portable audio or video device and a car stereo or video system is provided, and voice recognition and speech synthesis capabilities are provided in the portable audio or video device or the car stereo or video system.

**121 Claims, 36 Drawing Sheets**



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