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**Tsao**

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(54) **SYSTEM AND METHOD FOR WIRELESS DEVICE ACCESS TO EXTERNAL STORAGE**

USPC ..... 711/118, 154, 171; 709/219, 226;  
710/36; 712/225, 245  
See application file for complete search history.

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This patent is subject to a terminal disclaimer.

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(22) Filed: **Dec. 21, 2015**

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**Related U.S. Application Data**

(63) Continuation of application No. 14/036,744, filed on Sep. 25, 2013, now Pat. No. 9,239,686, which is a continuation of application No. 10/726,897, filed on Dec. 4, 2003, now Pat. No. 8,606,880.

Primary Examiner — Reba I Elmore

(51) **Int. Cl.**  
**G06F 3/00** (2006.01)  
**H04L 29/08** (2006.01)  
**G06F 3/06** (2006.01)  
**H04M 1/725** (2006.01)

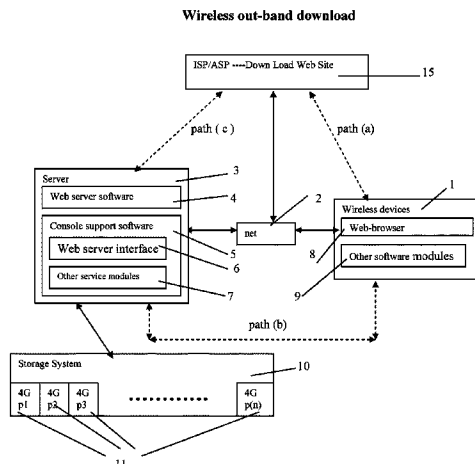
(57) **ABSTRACT**

Traditionally, wireless device, such as cell phone or personal data assistant device (PDA), has relatively smaller storage capacity. Therefore, it is quite often that a user of the wireless device has difficulty to find more storage space for storing ever increased personal data, such as storing message, and multiple Gig bytes of multimedia data including digital video, music, or photo picture etc. Instant application disclosed a system and method for a storage system providing storage service to the wireless device for the wireless device remotely storing personal data into an external storage space allocated exclusively to a user of the wireless device by the storage system.

(52) **U.S. Cl.**  
CPC ..... **H04L 67/1097** (2013.01); **G06F 3/0604** (2013.01); **G06F 3/067** (2013.01); **G06F 3/0643** (2013.01); **H04L 67/06** (2013.01); **H04M 1/72522** (2013.01)

(58) **Field of Classification Search**  
CPC ..... H04L 67/1097; H04L 67/06; H04M 1/72522; G06F 3/0604; G06F 3/0643; G06F 3/067

**20 Claims, 4 Drawing Sheets**



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Wireless devices supports in a simple environment

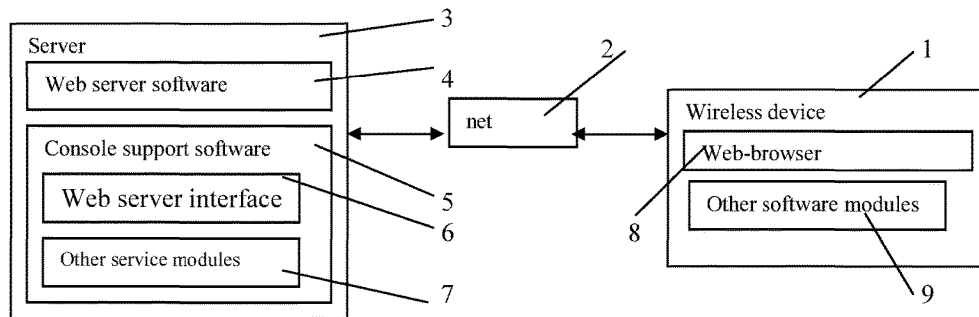


Fig. 1 (Prior Art)

Wireless devices access external storage through web browser

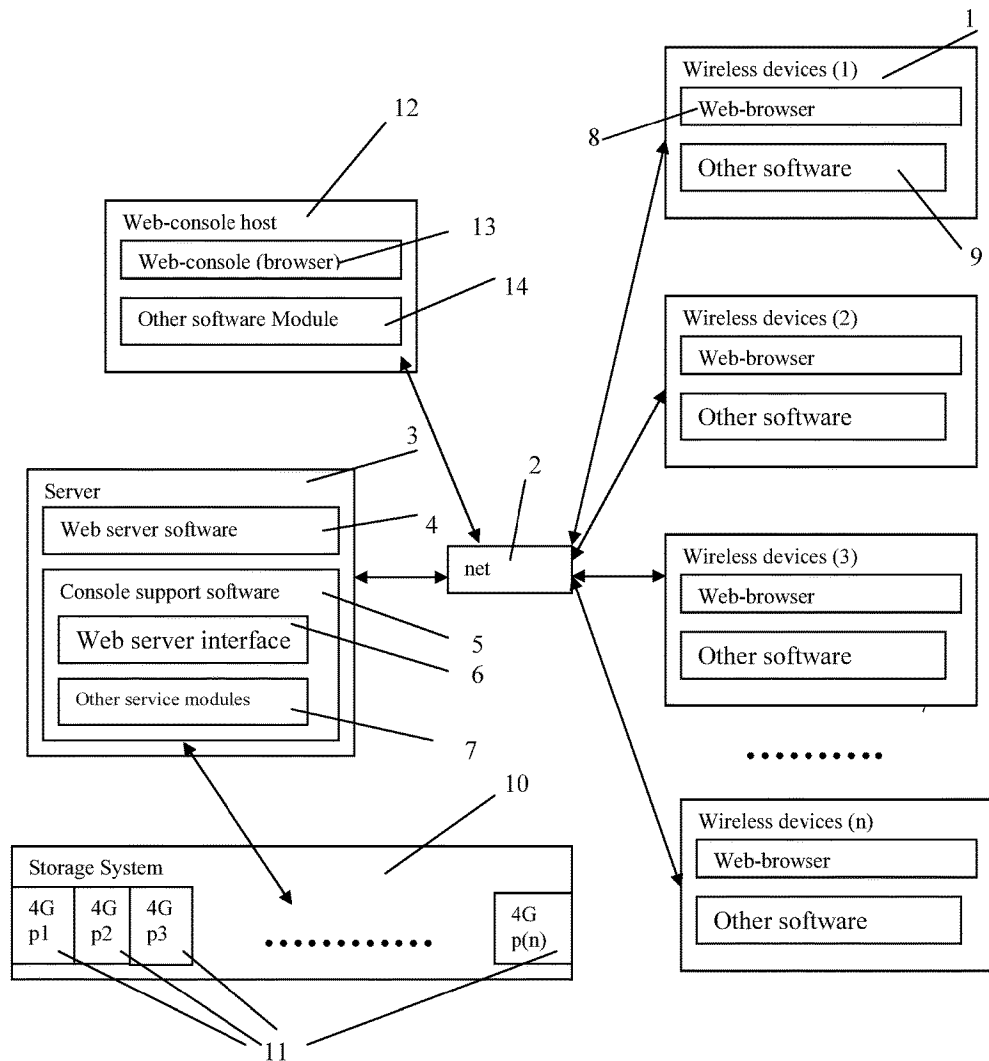


Fig. 2

Wireless out-band download

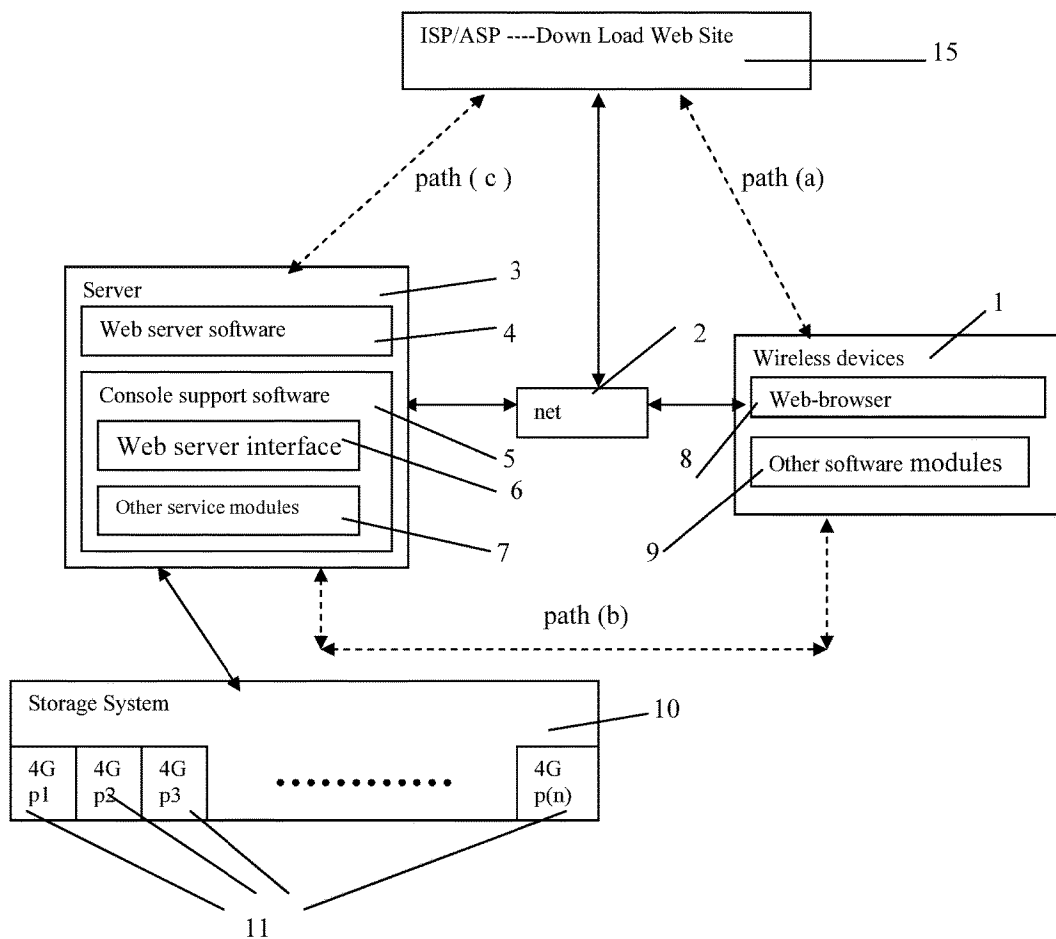


Fig. 3

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