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Tsao

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(54) **METHOD AND APPARATUS FOR WIRELESS DEVICES ACCESS TO EXTERNAL STORAGE**

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(51) **Int. Cl.**
G06F 13/00 (2006.01)
G06F 3/06 (2006.01)

(52) **U.S. Cl.**
CPC **G06F 3/0631** (2013.01); **G06F 3/0604** (2013.01); **G06F 3/067** (2013.01); **G06F 2003/0697** (2013.01)

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CPC G06F 3/067; G06F 3/0604; G06F 3/0631; G06F 2003/0697
USPC 711/111, 114, 147, 171; 709/219, 226; 707/795, 802
See application file for complete search history.

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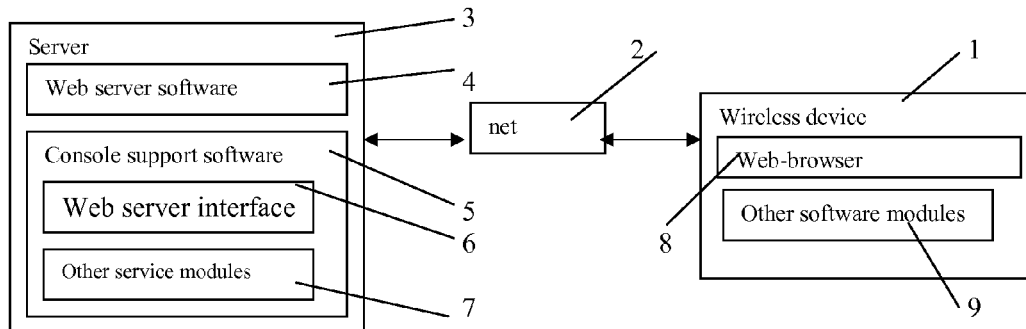
Primary Examiner — Reba I Elmore

(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 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.

20 Claims, 4 Drawing Sheets

Wireless devices supports in a simple environment



Wireless devices supports in a simple environment

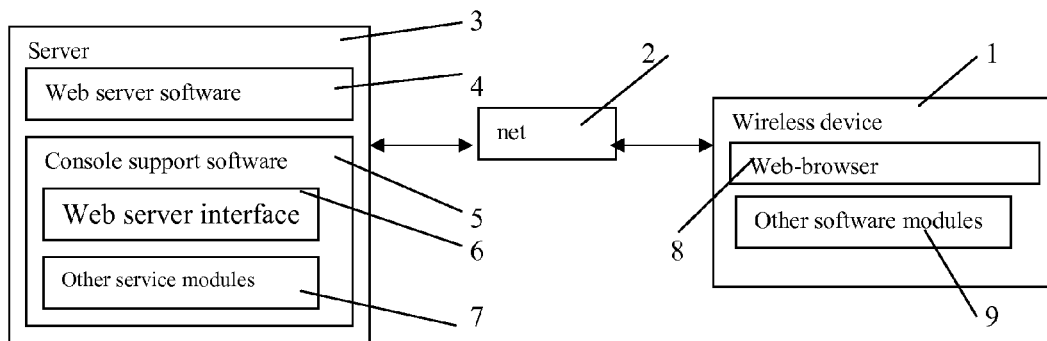


Fig. 1

Wireless devices access external storage through web browser

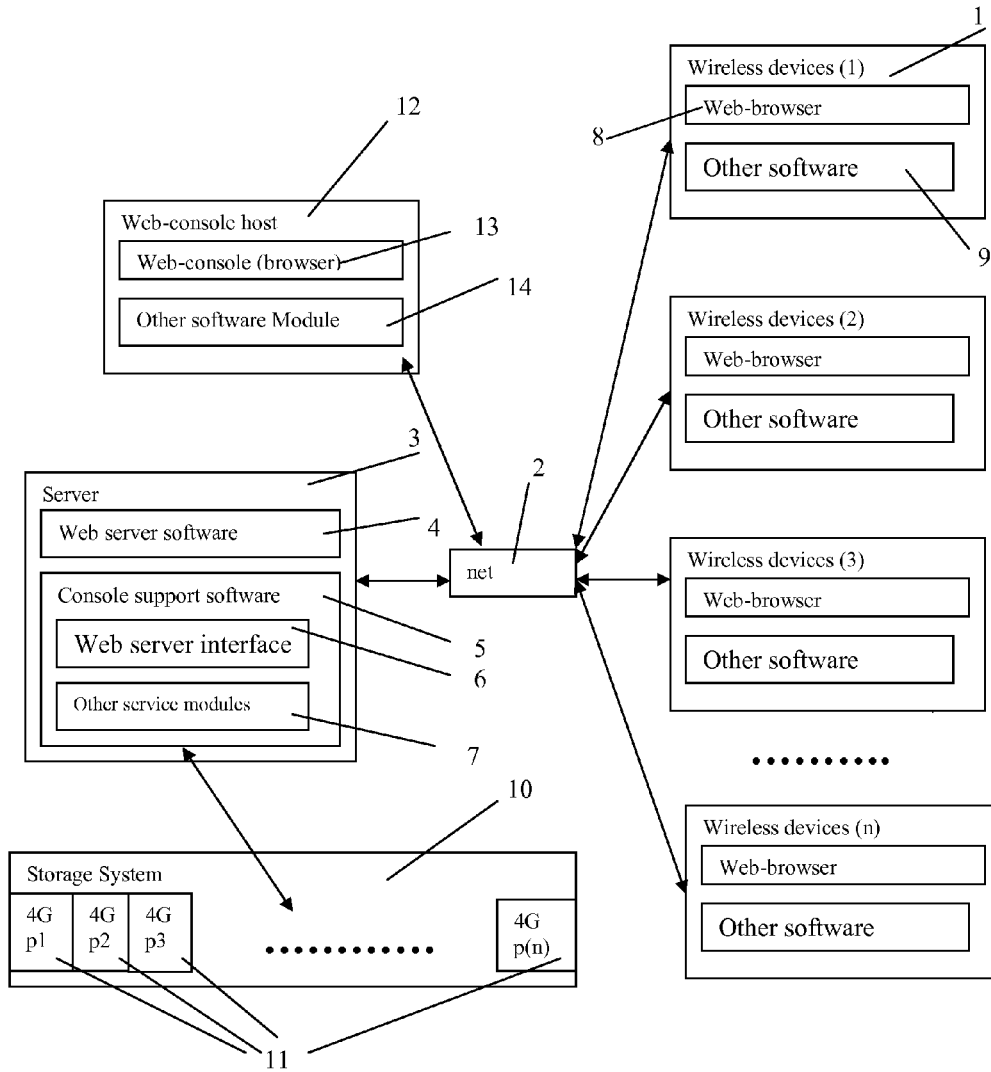


Fig. 2

Wireless out-band download

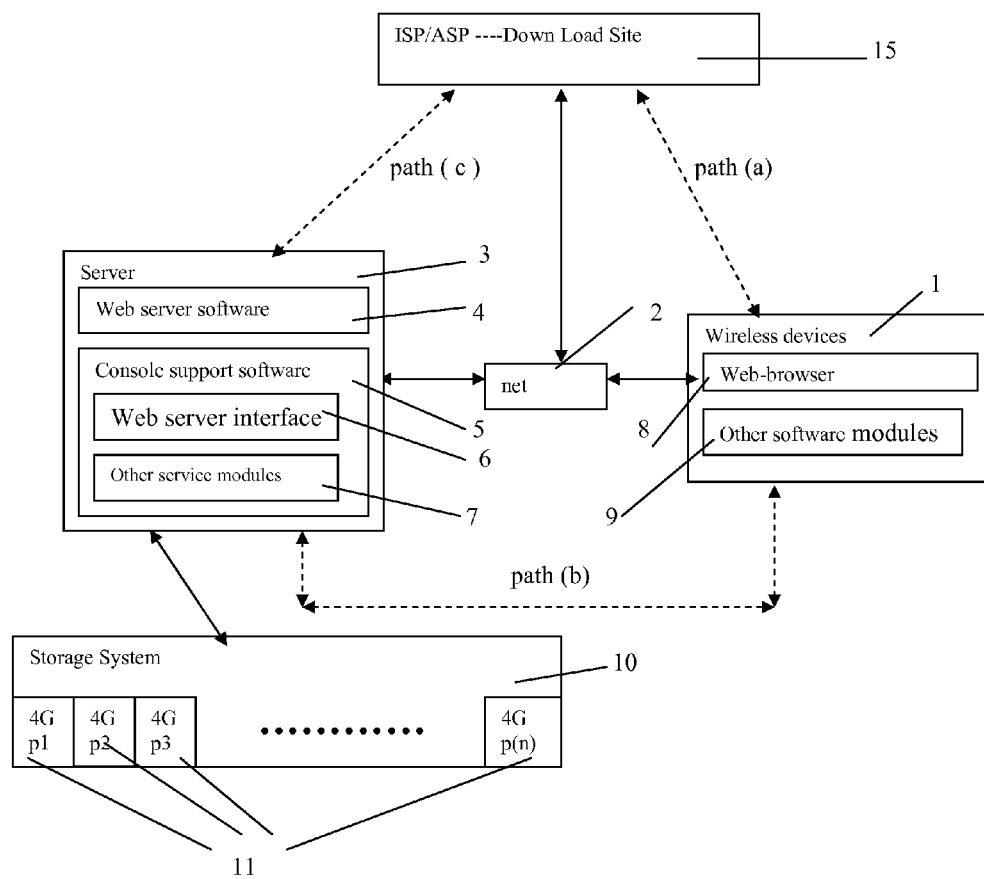


Fig. 3

The CCDSVM Support External Device for Huge Number of Wireless Device

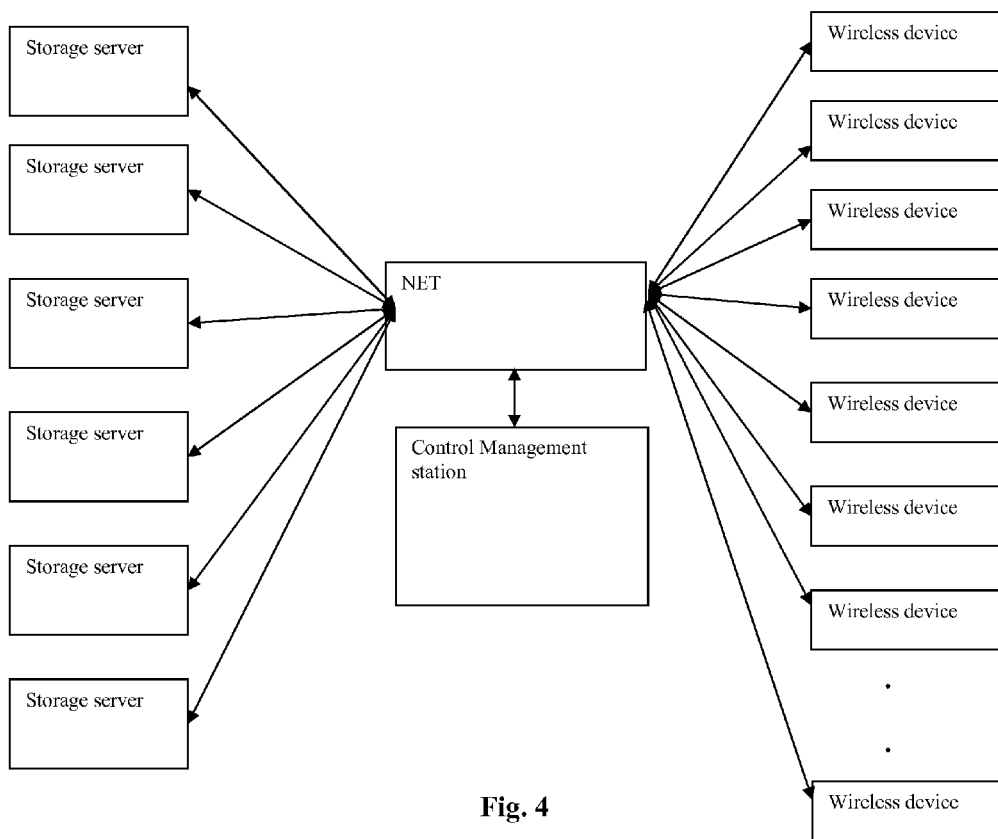


Fig. 4

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