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Tsao

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

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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 0 days.

This patent is subject to a terminal dis-

claimer.

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Related U.S. Application Data

(63) Continuation of application No. 14/150,106, filed on Jan. 8, 2014, now Pat. No. 9,098,526, which is a continuation of application No. 14/079,831, filed on Nov. 14, 2013, now Pat. No. 8,868,690, which is a continuation of application No. 10/726,897, filed on Dec. 4, 2003, now Pat. No. 8,606,880.

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G06F 15/16 (2006.01)

H04L 29/08 (2006.01)

H04W 76/02 (2009.01)

G06F 17/30 (2006.01)

(52) U.S. Cl.

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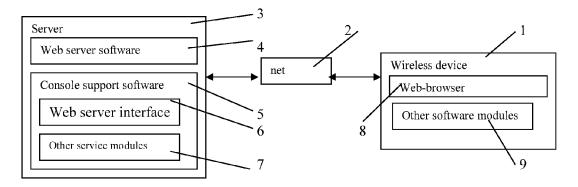
Primary Examiner — El Hadji Sall

(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

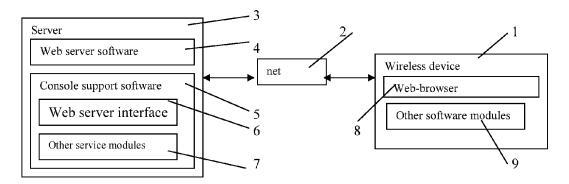


Fig. 1

Wireless devices access external storage through web browser

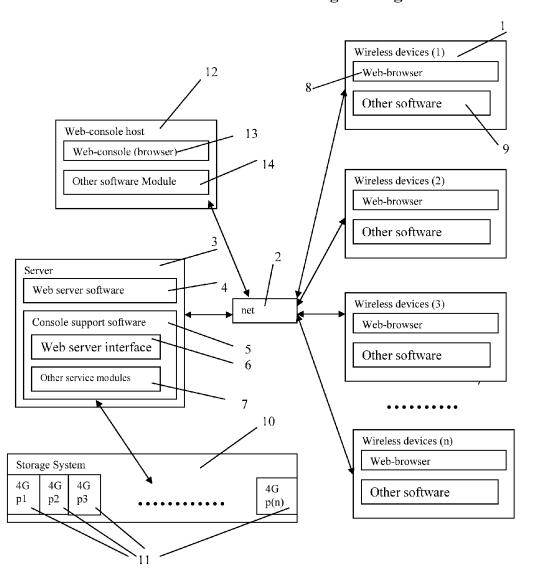


Fig. 2

Wireless out-band download

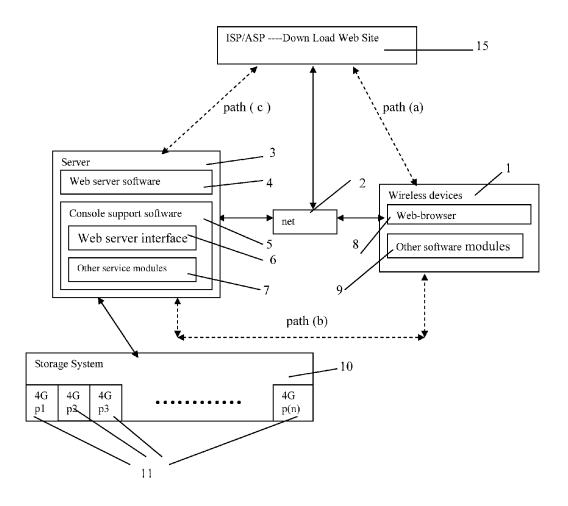
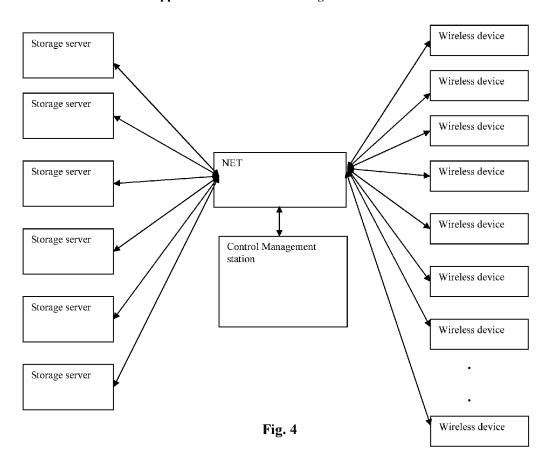


Fig. 3

The CCDSVM Support External Device for Huge Number of Wireless Device



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