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Tsao**

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(54) **SYSTEM AND METHOD 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. 14/079,831, filed on
Nov. 14, 2013, which is a continuation of application
No. 10/726,897, filed on Dec. 4, 2003, now Pat. No.
8,606,880.

(51) **Int. Cl.**
G06F 15/16 (2006.01)
G06F 17/30 (2006.01)

(52) **U.S. Cl.**
CPC **G06F 17/30194** (2013.01)

(58) **Field of Classification Search**

USPC 709/219, 203, 226, 220, 200; 455/412,
455/899

See application file for complete search history.

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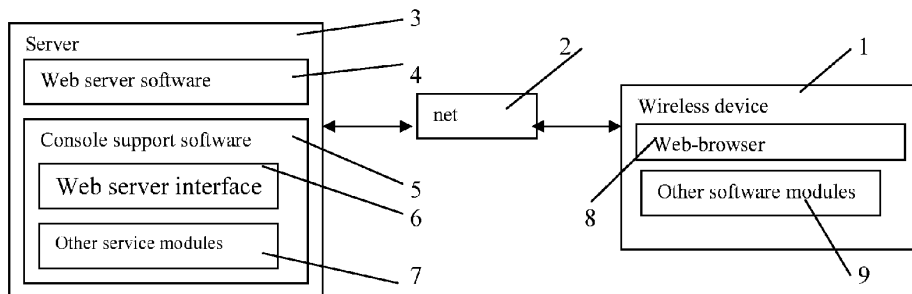
Primary Examiner — El Hadji Sall

(57) **ABSTRACT**

To meet the needs for storing larger volume personal infor-
mation for user of wireless device, it is desire to provide extra
storage space to the wireless device such as for cell phone or
personal assistant device (PDA) etc due to the limited storage
space that the wireless device has. Instant application dis-
closed a system and method for the wireless device to effi-
ciently and effectively use remotely located storage space
provided by a server for storing message or multimedia data
such as videos, digital music, digital photo/picture.

20 Claims, 5 Drawing Sheets

Wireless devices supports in a simple environment



Wireless devices supports in a simple environment

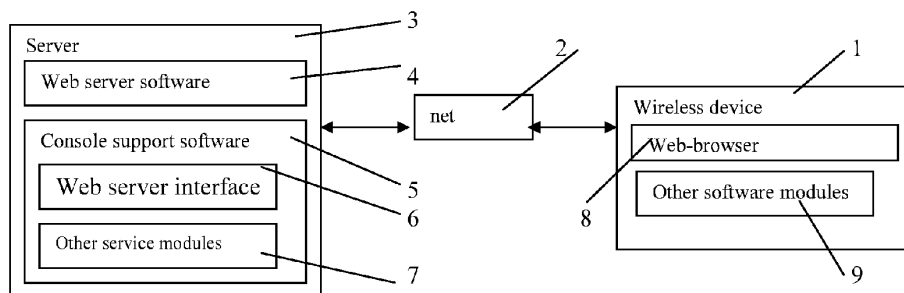


Fig. 1

Wireless devices access external storage through web browser

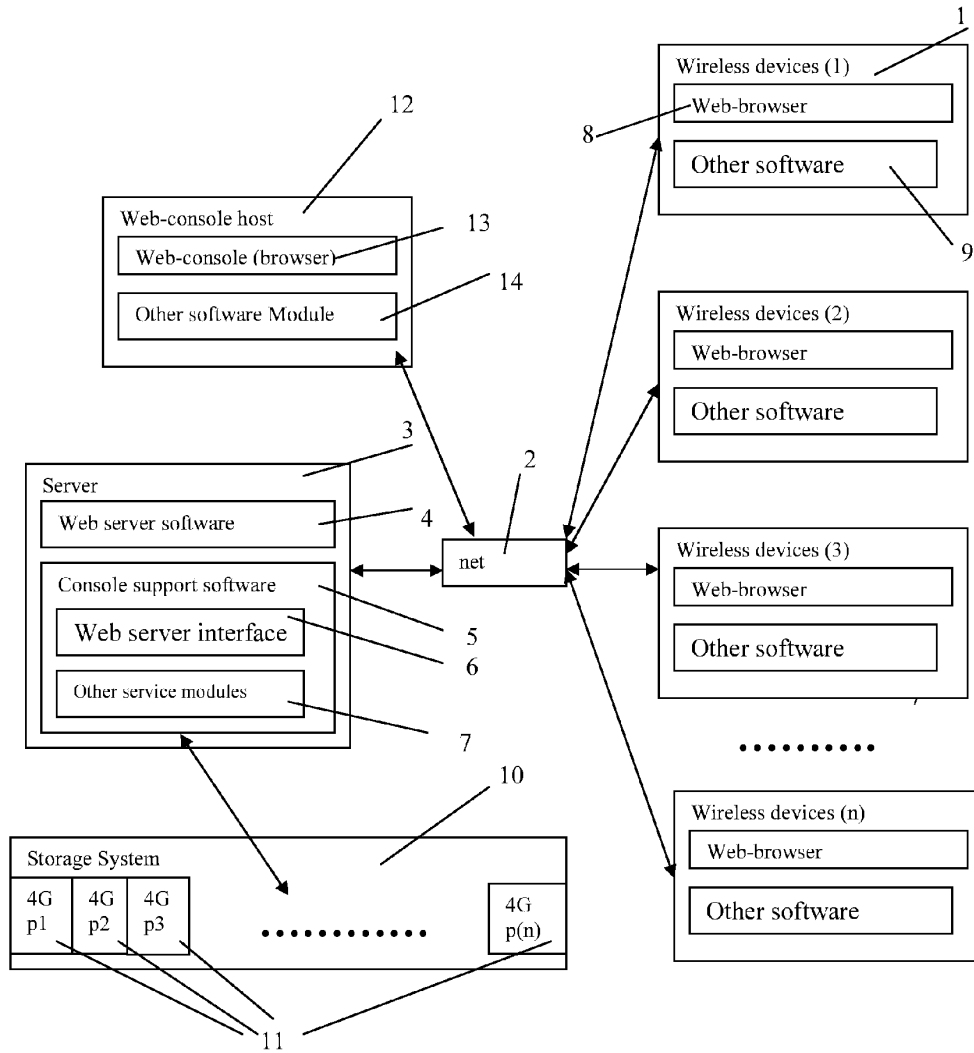


Fig. 2

Wireless out-band download

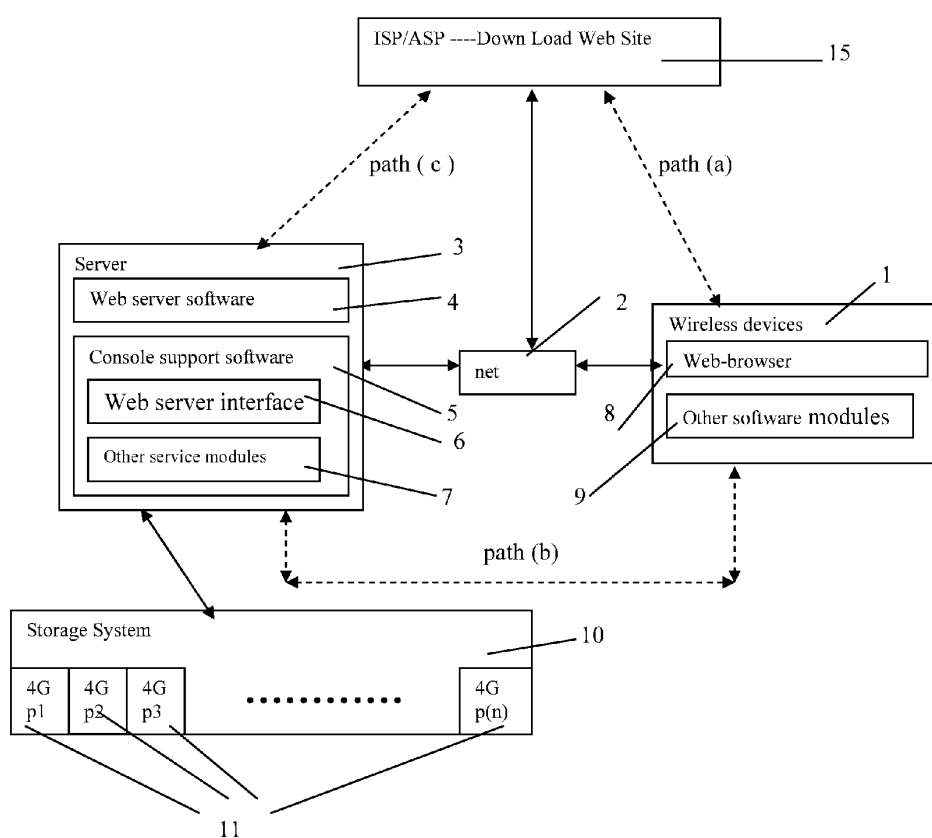


Fig. 3

The CCDSVM Support External Device for Huge Number of Wireless Device

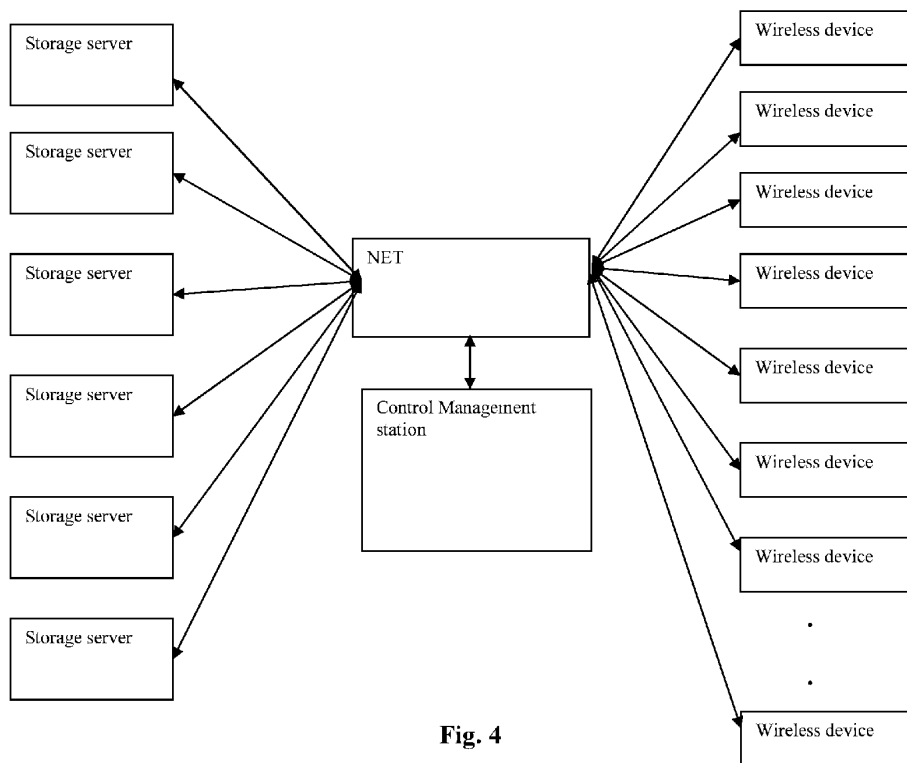


Fig. 4

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