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(54) **Title:** METHODS AND SYSTEMS FOR DISPLAYING VIRTUAL FILES SIDE-BY-SIDE WITH NON-VIRTUAL FILES AND FOR INSTANTANEOUS FILE TRANSFER

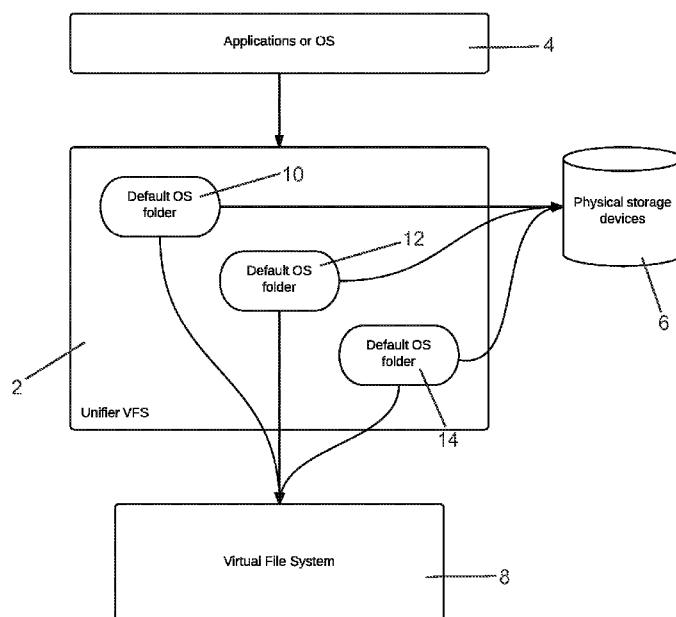


FIG. 1

(57) **Abstract:** A Virtual File System architecture manages the default folders defined by the Operating Systems of electronic devices in a way enabling virtual files to appear to be placed side-by-side with real files stored on the physical storage of the device. Furthermore, a file transfer method and system are provided for transfer of files between two or more devices that make transferred files appear as being locally available on the receiving devices before the beginning of the transfer using the Virtual File System.

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2014/002120

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F9/44 G06F17/30
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	"ODF: On Disk Format for Unionfs 2.x", INTERNET CITATION, 30 May 2007 (2007-05-30), pages 1-9, XP007906441, Retrieved from the Internet: URL:http://www.filesystems.org/unionfs-odf .txt [retrieved on 2008-11-21]	1,2,4-7
A	pages 1,2,5 pages 7,8 ----- -/-	3



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

20 March 2015

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18/06/2015

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2014/002120

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see additional sheet(s)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2014/002120

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Charles P Wright ET AL: "Versatility and Unix Semantics in a Fan-Out Unification File System",</p> <p>1 January 2004 (2004-01-01), XP055176538, Retrieved from the Internet: URL:http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=4F0CF2245E72A02E7518C3DFB663F809?doi=10.1.1.66.3908&rep=rep1&type=pdf [retrieved on 2015-03-13] page 1, right-hand column</p> <p>-----</p>	1-7
Y	<p>Derek Melber: "Protecting System Files with UAC Virtualization",</p> <p>9 December 2008 (2008-12-09), pages 1-11, XP055177687, Retrieved from the Internet: URL:http://www.windowsecurity.com/articles-tutorials/windows_os_security/Protecting-System-Files-UAC-Virtualization-Part2.html [retrieved on 2015-03-18] page 2</p> <p>-----</p>	1,2,4-7
A		3

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

A method of displaying virtual files side-by-side with locally stored files.

2. claims: 8-27

A method of receiving files at a receiving computer from sending computers.
