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[Continued on next page]

(54) Title: A VIRTUAL FILE SYSTEM FOR THE WEB

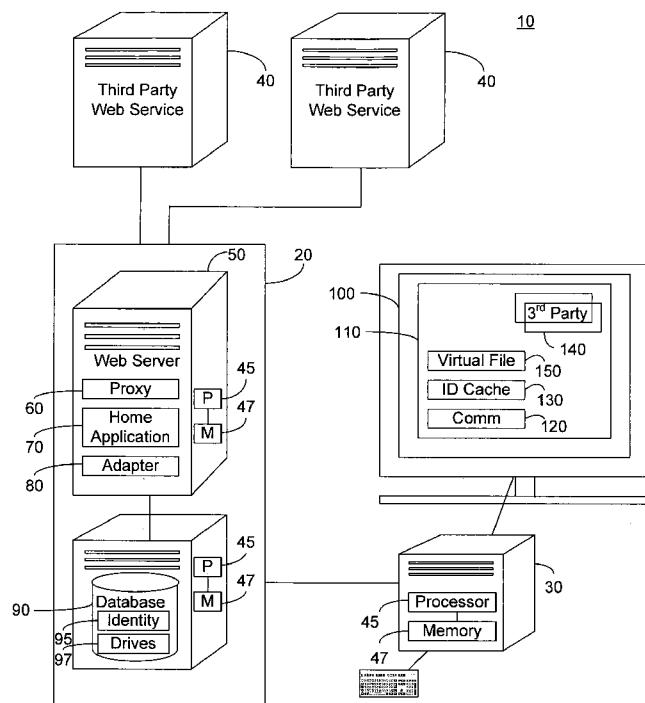


Fig. 1

(57) Abstract: Uniform access to files across multiple Web
services, each of which hosts files and optionally folders
but which have different paradigms, different user ac-
counts, and different APIs is provided. In one embodiment
the uniform representation is responsive to a uniform API;
and an adapter functionality arranged to adapt commands
of the uniform API to the respective particular API of the
respective third party Web based services which do not
support the uniform API.



Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

(88) Date of publication of the international search report:

18 February 2010

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— *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL 08/00321

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 3/00 (2008.04)

USPC - 719/328

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)

USPC: 719/328

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

USPC: 709/213, 216; 719/329

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

PubWEST(PGPB, USPT, USOC, EPAB, JPAB); GOOGLE

Search Terms Used: Uniform, API, web, plurality or multiple or different, third party, single URL tree, support, HTTP, POST, PUT, implement or create.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2005/0177401 A1 (Koeppel et al.) 11 August 2005 (11.08.2005), entire document, especially; abstract, para. [0176].	1 ----- 2-4, 19-21
Y	US 2002/0120932 A1 (Schwalb) 29 August 2002 (29.08.2002), entire document, especially; abstract, para. [0061].	2-4, 19-21
Y	US 5,793,966 A (Amstein et al.) 11 August 1998 (11.08.1998), entire document, especially; abstract, Col 9, ln 37-41; Col 12, ln 66 - Col 13, ln 11.	3, 4, 19-21

☐ Further documents are listed in the continuation of Box C.

* 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

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL 08/00321

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.: 5-18, 22-35
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:

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 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.:

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.