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(74) Agents: **PALERMO, Christopher, J.** et al.; 2055 Gateway Place, Suite 550, San Jose, California 95110 (US).

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(71) Applicant (for all designated States except US): **PALANTIR TECHNOLOGIES, INC.** [US/US]; 1530 Page Mill Road, Palo Alto, California 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCGREW, Robert, J.** [US/US]; 1530 Page Mill Road, Palo Alto, California 94304 (US). **GETTINGS, Nathan** [US/US]; 1530 Page Mill Road, Palo Alto, California 94304 (US). **COHEN, Stephen** [US/US]; 1530 Page Mill Rd., Palo Alto, California 94304 (US).

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(54) Title: PROVIDING UNIQUE VIEWS OF DATA BASED ON CHANGES OR RULES

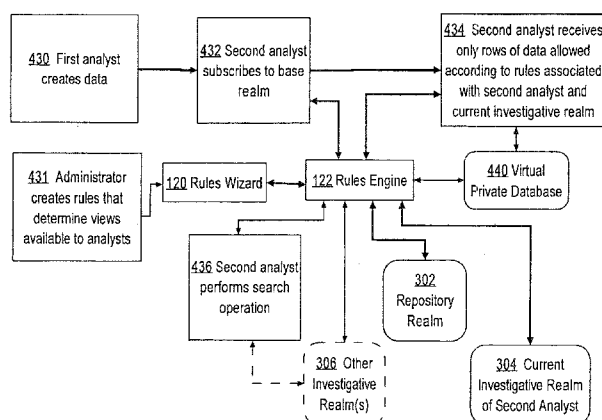


Fig. 4B

(57) Abstract: A method comprises storing, in a revisioning database, data objects; a first plurality of data objects is associated with a base realm representing data shared across all database users; a second plurality of objects is associated with child realms, child realms represent data local to a project, and users are associated with child realms; the revisioning database associates each object to a realm identifier and to a version identifier for a plurality of versions of the object, each of the versions represents a change to the object by any user; receiving a request to view a third plurality of objects; selecting, based on the base realm, the particular realm, the version identifier for the third plurality, and one or more rules of the particular realm and the user, objects in the third plurality viewable by the user; creating and providing a data view that includes only the selected objects.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 08/54511

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 7/00 (2008.04)

USPC - 707/100

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: 707/100

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 707/101, 102, 103R, 103Y (See keywords below)

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

Pub WEST (USPT, PGPB, JPAB, EPAB), Google Scholar, Dialog Pro.

Search Terms Used: ((creat\$ and stor) near3 database), (data adj objects), (base adj realm), (version adj identifier), (creat\$ near3 view), ((provid\$ or present\$) near3 user), (defin\$ near4 rule), creat\$ nera3 row), provid\$ near3 (unique adj view),.....

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0114763 A1 (Nonomura et al.), 26 May 2005 (26.05.2005), entire document especially para [0023]-[0026]; [0027]; [0236]-[0243]; [0321]-[0324]; [0340]-[0342]; [0368]-[0370]; [0431]-[0435].	1-28
Y	US 2001/0051949 A1 (Carey et al.), 13 December 2001 (13.12.2001), entire document especially para [0034]-[0035]; [0041]-[0043]; [0072]-[0075]; [0093]-[0095]; [0112]-[0113]; [0115]; [0147]-[0151]	1-28

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"&" document member of the same patent family

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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-3201

Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300

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