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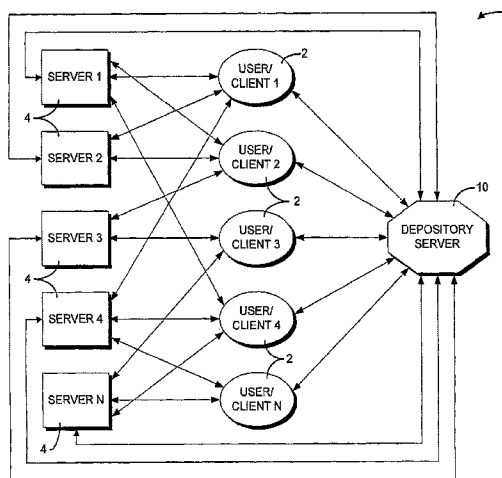
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(54) Title: UTILIZING A TOKEN FOR AUTHENTICATION WITH MULTIPLE SECURE ONLINE SITES



(57) Abstract: A system and method are provided which allow an online user/client to update one or more sign-on address or secure computing devices or tokens or authentication protocols or algorithms employed by multiple, distinct online sites wherein each site may require a different secure computing devices or tokens or authentication protocols or algorithms wherein the secure computing devices or tokens or authentication protocols or algorithms employed by different online services are provided to a central secure server which then distributes the various received secure computing devices or tokens or authentication protocols or algorithms to the identified users of each online service for updating of the user/client's stored secure computing devices or tokens or authentication protocols or algorithms.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/03071

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/30 (2007.10)

USPC - 726/2

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 - 726/2

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

USPC - 726/3, 27, 29; 713/150, 151, 168, 182; 709/203, 217, 227, 230

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

PubWEST (USPT, PGPB, EPAB, JPAB); DialogPRO (Engineering); Google Scholar

Search Terms: sign(on or in), log(on or in), protocol, server, database, store or save or maintain, notify or inform, update or changes or new, client or user, token, fob or smartcard

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0087621 A1 (HENDRIKS) 04 July 2002 (04.07.2002); entire document, especially para [0012], [0023], [0025]-[0029], [0033]	1-20
Y	US 2004/0117615 A1 (O'DONNELL et al.) 17 June 2004 (17.06.2004); entire document, especially para [0034], [0041], [0044]	1-20
A	US 2002/0184507 A1 (Makower et al.) 05 December 2002 (05.12.2002)	1-20
A	US 2002/0162026 A1 (Neuman et al.) 31 October 2002 (31.10.2002)	1-20

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"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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