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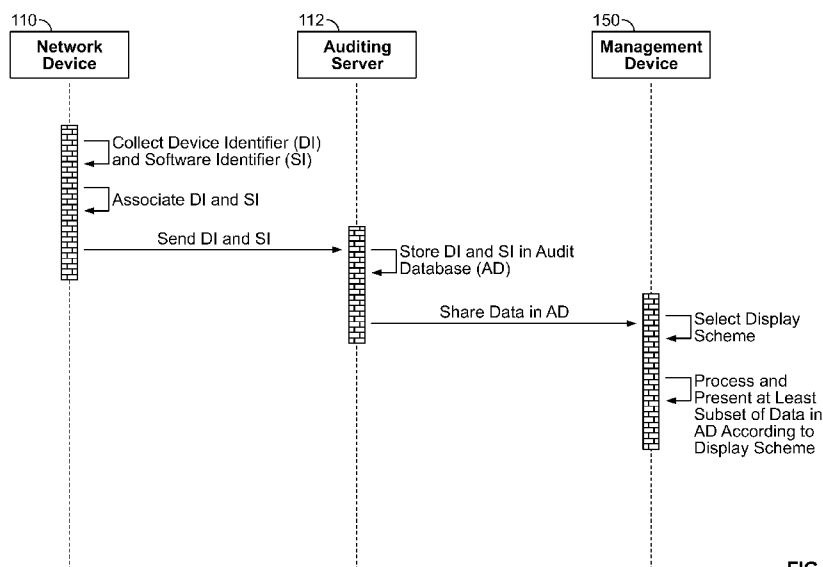


FIG. 13

(57) **Abstract:** The provided software application includes a module that determines a machine fingerprint of a client device at an appropriate time, such as during initial software load on the client. The fingerprint may comprise various machine-determinable measures of system configuration for the client. Each application copy may be associated with a serial number. A license host may collect serial number, fingerprint and/or IP address information from clients on which the application is installed. The host may generate a map of application installations, including geographic locations of installations and number of unique serial numbers per client in specified regions.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2009/034765

A. CLASSIFICATION OF SUBJECT MATTER INV. G06F21/00		
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 practical, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/265337 A1 (WESINGER RALPH E JR [US]) 23 November 2006 (2006-11-23) paragraph [0018] - paragraph [0022] paragraph [0046] - paragraph [0051] paragraph [0061] paragraph [0065] paragraph [0074] paragraph [0082] paragraph [0087] - paragraph [0095] paragraph [0111] - paragraph [0122]	1-5, 8, 9, 12-24, 39, 40
X	US 6 233 567 B1 (COHEN AARON MICHAEL [US]) 15 May 2001 (2001-05-15) column 3, line 47 - column 6, line 13 ----- -/--	1, 12-24
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		
<input checked="" type="checkbox"/> 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 document 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 25 May 2009		Date of mailing of the international search report 03/08/2009
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Authorized officer Fruru, Tycho

INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 92/20022 A (DIGITAL EQUIPMENT CORP [US]) 12 November 1992 (1992-11-12) page 25, line 1 - page 27, line 24 page 29, line 18 - page 31, line 20 page 39, line 15 - page 41, line 9 page 70, line 13 - page 71, line 2 page 73, line 5 - line 8 -----	1-5, 8, 9, 12-24, 39, 40

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/034765

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 allsearchable 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.:

please 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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-5,8,9,12-24,39,40

generating software identification data

2. claims: 6,7

combining software and hardware identification data

3. claims: 10,11

protecting hardware identification data

4. claims: 25-30,41,42

distributed calculation of device identifiers

5. claims: 31-38

interface for auditing license usage

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2009/034765

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006265337	A1	23-11-2006	NONE
US 6233567	B1	15-05-2001	NONE
WO 9220022	A	12-11-1992	AU 659652 B2 25-05-1995
		AU 2015892 A	21-12-1992
		DE 69228350 D1	18-03-1999
		DE 69228350 T2	23-09-1999
		EP 0538453 A1	28-04-1993