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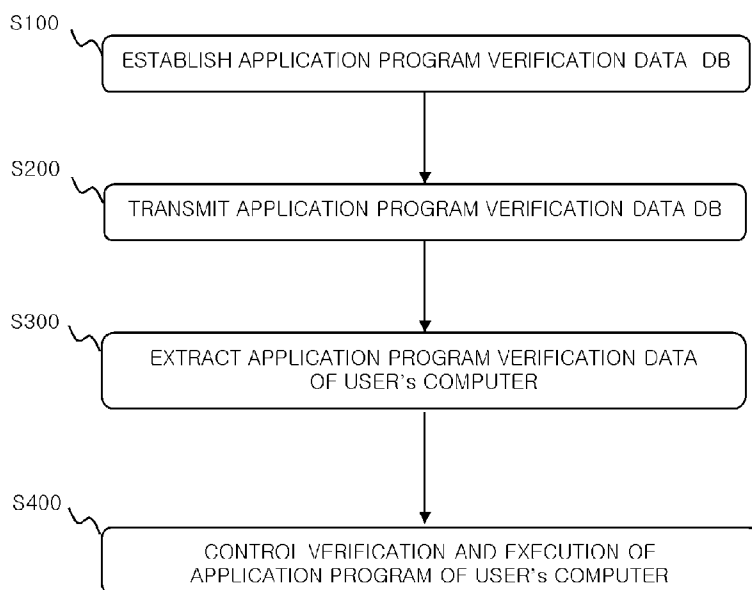
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[Continued on next page]

(54) Title: METHOD FOR VERIFYING APPLICATION PROGRAMS AND CONTROLLING THE EXECUTION THEREOF

[Fig. 1]



(57) Abstract: Disclosed is a method for verifying and controlling execution of application programs which searches for the application programs, such as P2P program or messenger programs, or game files not permitted by an administrator, such as parents, subjected to being prevented from arbitrary execution so as to control whether to intercept or permit the execution of the application program, and classifies the application programs for every category so as to control the interception or the permission of the execution of the application program according to the environment setting policy set for every category, said method comprises: the steps of establishing an application program verification data DB, in which the collected application program files are classified for every program category so as to generate the application program verification data DB; transmitting the application program verification data DB to a

user's computer; postponing the execution of the application program of the user's computer when the execution of the application program of the user's computer is initialized, and extracting the verification data of the executed application program; and searching for the application program verification data DB with the verification data with respect to the application program desired to be used in the user's computer and controlling the interception or permission of the execution of the application program according to the environment setting policy for every category.

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NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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PCT/KR2008/004485**A. CLASSIFICATION OF SUBJECT MATTER****G06F 15/16(2006.01)i**

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)

IPC 8: G06F

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

Korean Utility models applications for Utility Models since 1975, IPC as above

Japanese Utility Models and application for Utility Models since 1975, IPC as above

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

eKIPASS, IEEEExpl, Google; virus detection; agent program; server; database; metadata; dll files;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-2006-0011558 A (NEW TECHNOLOGY WAVE INC.) 02 February 2006 See the whole document.	1-7
Y	JP 2007-148805 A (NOMURA RESEARCH INSTITUTE CO. LTD.) 14 June 2007 See abstract and paragraphs <15>-<18> & <55>-<72>.	1-7
A	US 7,093,135 B1(P.V.RADATTI; J.W.WELLS) 15 August 2006 See the whole document.	1-7
A	US 2002/0129277 A1(FRANK S. CACCAVALE) 12 September 2002 See the whole document.	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2006-0011558 A	03.02.2006	None	
JP 2007-148805 A	14.06.2007	None	
US 7093135 B1	15.08.2006	None	
US 2002/0129277 A1	12.09.2002	None	