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HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR NON-SIGNATURE BASED DETECTION OF MALICIOUS PROCESSES

(57) Abstract: Systems and methods for detecting malicious processes in a non-signature based manner are disclosed. The system and method may include gathering features of processes running on an electronic device, applying a set of rules to the features, and applying a statistical analysis to the results of the rules application to determine whether a process should be classified into one or more of a plurality of process categories.

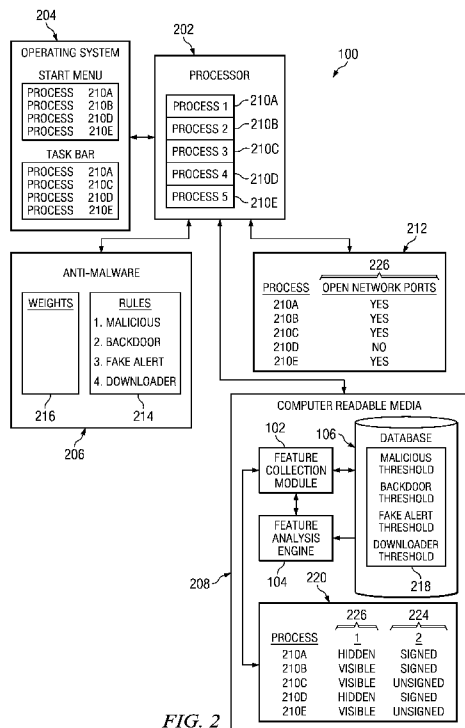


FIG. 2





TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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A. CLASSIFICATION OF SUBJECT MATTER**G06F 21/00(2006.01)i, G06F 11/30(2006.01)i**

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 21/00; G06F 11/30; H04L 9/00; G06F 15/18; G06F 11/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: score, compare, threshold, classify, malicious, program

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2004-0054917 A1 (MARK OBRECHT et al.) 18 March 2004 See the abstract; paragraphs 16-30; claims 1,8; and figure 2.	1,3-11,13-20 2,12
A	US 2010-0153316 A1 (DUFFIELD NICHOLAS et al.) 17 June 2010 See the abstract; paragraphs 10-19; claim 1; and figure 2.	1-20
A	US 2005-0283837 A1 (MICHAEL OLIVIER et al.) 22 December 2005 See the abstract; paragraphs 112-130; and figures 1-5.	1-20
A	US 2008-0016339 A1 (JAYANT SHUKLA) 17 January 2008 See the abstract; paragraphs 121-132; and figures 1-12.	1-20

 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
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