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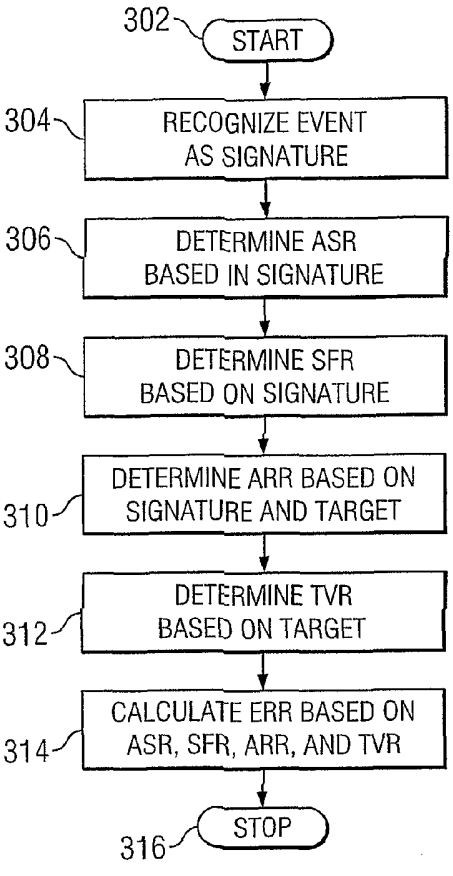
[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR ADDRESSING INTRUSION ATTACKS ON A COMPUTER SYSTEM



(57) Abstract: According to one embodiment of the invention, a computerized method for addressing intrusion detection attacks directed at a computer includes receiving a data stream corresponding to a potential attack on the computer [304] and calculating an event risk rating for the data stream [314]. Calculating the event risk rating includes determining at least one component of the risk rating. In one embodiment, the component risk ratings are: a signature fidelity rating indicative of the likelihood the potential attack will affect the computer in the absence of knowledge regarding the computer [308], an attack relevance rating indicative of the relevance of the potential attack to the computer [310], and a target value rating indicative of the perceived value of the computer [312]. The method also includes responding to the potential attack based on the calculated risk rating.

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FR, GB, GR, HU, IE, IT, LU, MC, NL, 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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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

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

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International application No.
PCT/US04/33311

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G06F 11/00, 11/22, 11/30, 11/32, 11/34, 11/36, 12/14, 12/16, 15/18; G08B 23/00
US CL : 726/23
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)
U.S. : 726/23

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,T	US 6,895,383 B2 (HEINRICH) 17 May 2005 (17.05.2005), column 2, lines 41-59.	1-25
X	US 2003/0093514 A1 (VALDES et al.) 15 May 2003 (15.05.2003), paragraph [0006]-[0007].	1-25
A	US 2002/0147803 A1 (DODD et al.) 10 October 2002 (10.10.2002), paragraphs [0008]-[0011].	1-25

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

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Continuation of B. FIELDS SEARCHED Item 3:
EAST, IEEE, ACM
search terms: intrusion detection system