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(71) Applicant (*for all designated States except US*): **AIADDIN KNOWLEDGE SYSTEMS LTD.** [IL/IL]; 15 Beit Oved St., 61110 Tel Aviv (IL).

(72) Inventors: **AGAM, Leedor**; 3 Simtat Harakefet St., 56905 Savion (IL). **MARGALIT, Yanki**; 6 Carmeli St., 52223 Ramat Gan (IL). **MARGALIT, Dany**; 10 Kiriati St., Ramat Chen (IL).

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(54) Title: SECURITY TOKEN

(57) Abstract: A security token, a security system and a method for authenticating a client are disclosed. The security token including a one-time password mechanism, for rendering one-time password functionality; a public-key mechanism, for rendering public-key functionality with respect to the one-time password functionality; and wired communication means with a host, for connecting the security token to the host and for providing the security token the power supply required for operating at least the public-key mechanism, thereby enabling rendering one-time password functionality and/or public-key functionality by the security token.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 9/00; G06F 1/24

US CL : 713/168,172,201; 380/21,25

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. : 713/168,172,201; 380/21,25

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
None

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,067,621 A (Yu et al) 23 May 2000 (23.05.2000), Abstract, column 2, lines 63-67; Figure 4, element 420; column 3, lines 23-43; Figure 1, column 6, lines 3-14.	1-20
Y	US 5,953,422 A (ANGELO et al.) 14 September 1999 (14.09.1999), column 3, lines 19-24, column 7, lines 18-25.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Mail Stop PCT, Attn: ISA/US
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Facsimile No. (703) 305-3230

Authorized officer

Michelle L. Egan
Thanhnga (Tanya) Truong

Telephone No. 571-272-2100