

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 June 2002 (13.06.2002)

PCT

(10) International Publication Number
WO 02/046914 A3

(51) International Patent Classification⁷: **G06F 9/445**, 9/44

[IL/IL]; 3 Wiezel Street, 64241 Tel Aviv (IL). **SHUFER, Ilan** [IL/IL]; 12 Hachita Street, 50200 Bet Dagan (IL).

(21) International Application Number: PCT/IL01/01133

(22) International Filing Date: 6 December 2001 (06.12.2001)

(74) Agents: **AGMON, Jonathan** et al.; Soroker - Agmon, 12th floor, Levinstein Tower, 23 Petach Tikva Road, 66184 Tel Aviv (IL).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/251,918 7 December 2000 (07.12.2000) US
PCT/IL01/00208 5 March 2001 (05.03.2001) IL

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **ADUVA INC.** [US/US]; 19731 La Mar Drive, Cupertino, CA 95014 (US).

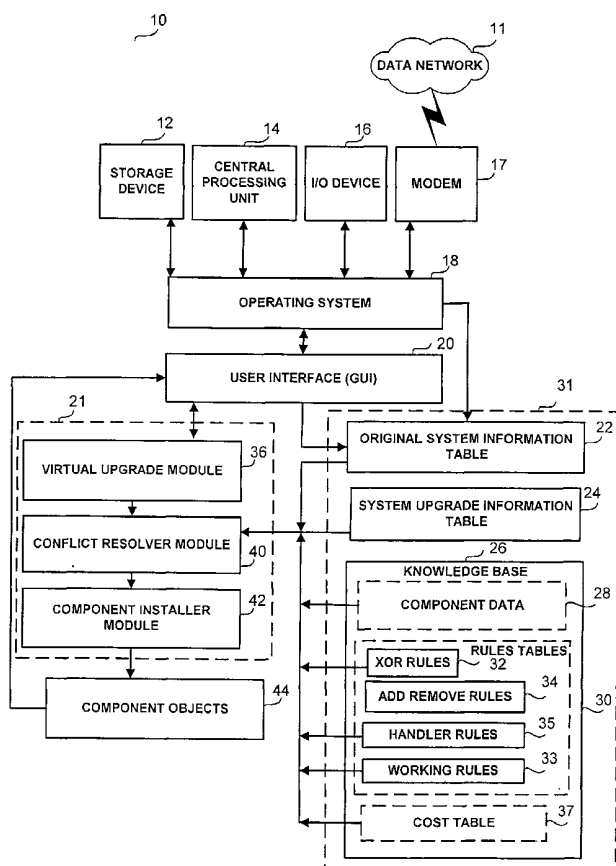
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **TE'ENI, Moddi**

[Continued on next page]

(54) Title: IMPROVED METHOD FOR RESOLVING DEPENDENCY CONFLICTS AMONG MULTIPLE OPERATIVE ENTITIES WITHIN A COMPUTING ENVIRONMENT



(57) Abstract: An improved method to set up automatically a computer system configuration in association with a system upgrade that involves the installation of a set of operative elements necessary for the reliable operation of the same. The correct, operative combination of hardware, system and application software components is accomplished by inter-component dependency checking and improved conflict resolving procedures in association with specific dependency rules tables and an ordered database that stores definitions of components and relationships thereof.

WO 02/046914 A3



European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:

15 August 2002

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 01/01133

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F9/445 G06F9/44

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 7 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 5 867 714 A (TERRELL MICHAEL R ET AL) 2 February 1999 (1999-02-02) column 3, line 15-19 column 3, line 23-25 column 12, line 1-20 column 4, line 9-19 column 14, line 15-36 column 4, line 30-42 -----	1-3, 7-29
A	EP 0 632 371 A (XEROX CORP) 4 January 1995 (1995-01-04) page 2, paragraph 7 -page 3, paragraph 10 page 4, paragraph 29 page 3, line 18 - line 53 ----- -/--	1-29



Further documents are listed in the continuation of box C.



Patent family members are listed in 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

5 June 2002

Date of mailing of the international search report

13/06/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Skomorowski, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 01/01133

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"SAFE MECHANISM FOR INSTALLING OPERATING SYSTEM UPDATES WITH APPLICATIONS" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 41, no. 1, 1998, pages 557-559, XP000772211 ISSN: 0018-8689 the whole document -----	1-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL 01/01133

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5867714	A	02-02-1999	NONE	

EP 0632371	A	04-01-1995	BR 9402027 A	13-12-1994
			DE 69428400 D1	31-10-2001
			DE 69428400 T2	14-02-2002
			EP 0632371 A1	04-01-1995
			JP 7006026 A	10-01-1995
			US 5499357 A	12-03-1996
