

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 November 2004 (18.11.2004)

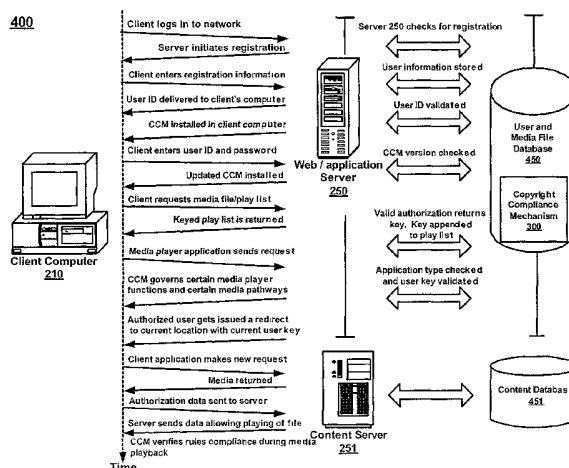
PCT

(10) International Publication Number
WO 2004/100152 A3

- (51) International Patent Classification⁷: **G06F 1/00**
- (21) International Application Number:
PCT/US2004/014422
- (22) International Filing Date: 4 May 2004 (04.05.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/430,843 5 May 2003 (05.05.2003) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 10/430,843 (CON)
Filed on 5 May 2003 (05.05.2003)
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- (74) Agents: **GALLENSON, Mavis, S.** et al.; LADAS & PARRY, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, California 90036-5679 (US).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, 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).
- Published:**
— with international search report

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR CONTROLLING PRESENTATION OF DIGITAL CONTENT



(57) Abstract: A method of controlling presentation of content on a media storage device is described. The method is comprised of verifying presence of a content presentation mechanism and a usage compliance mechanism on a computer system operated by a recipient to whom the media storage device is distributed. The usage compliance mechanism includes a file system filter driver for controlling data reads associated with the content. The present method further includes permitting the recipient to experience the content via the computer system provided the usage compliance mechanism is present on the computer system and the computer system is communicatively coupled with a network and wherein a server in the network authorizes the recipient to experience the content. The present method further includes presenting the content to the recipient via the content presentation mechanism. The content presentation mechanism is communicatively coupled with the usage compliance mechanism. The content presentation mechanism is enabled to present the content provided the content presentation mechanism is communicatively coupled with the server.



— *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.

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

31 March 2005

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/014422

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/00

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 G07F G11B H04N

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	EP 0 715 245 A (XEROX CORP) 5 June 1996 (1996-06-05) page 4, column 43 - column 46 page 5, line 2 - line 9 page 8, line 1 - line 9 page 16, line 14 - line 58 page 15, line 33 - line 35 page 18, line 5 - line 9 figures 4a,4b	1, 3, 19
Y	----- -/--	2, 4-18, 20-27



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)
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- *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.
- *A* document member of the same patent family

Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

17.02.05

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/014422

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,14-17,19,20,25,26

Off-line distribution of digital content.

2. claims: 5,6,18,21,27

Dynamic installation of software programs.

3. claims: 7-13,22-24

Improving security of data transmission.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/014422

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/078853 A1 (ABBURI RAJASEKHAR ET AL) 24 April 2003 (2003-04-24) paragraph '0010! paragraph '0044! - paragraph '0045! paragraph '0054! paragraph '0078! - paragraph '0080! -----	2,4, 14-17, 20,25,26
Y	WO 01/79971 A (IOMEGA CORP) 25 October 2001 (2001-10-25) page 17, line 19 - line 25 -----	5,6,21
Y	US 6 067 582 A (SMITH BENJAMIN HEWITT ET AL) 23 May 2000 (2000-05-23) the whole document -----	18,27
Y	US 5 991 399 A (MALISZEWSKI RICHARD L ET AL) 23 November 1999 (1999-11-23) column 4, line 24 - line 61 column 6, line 28 - line 35 column 7, line 16 - line 57 -----	7-13, 22-24
A	EP 1 148 407 A (MATSUSHITA ELECTRIC IND CO LTD) 24 October 2001 (2001-10-24) the whole document -----	1-27
A	US 5 737 416 A (PHILLIPS HUDSON WAYNE ET AL) 7 April 1998 (1998-04-07) column 2, line 28 - column 3, line 9 -----	1,3,19
A	BRAMHILL I D ET AL: "CHALLENGES FOR COPYRIGHT IN A DIGITAL AGE" 1 April 1997 (1997-04-01), BT TECHNOLOGY JOURNAL, BT LABORATORIES, GB, PAGE(S) 63-73 , XP000703557 ISSN: 1358-3948 the whole document -----	1-4, 14-17, 19,20, 25,26
A	US 6 398 245 B1 (LOTSPIECH JEFFREY B ET AL) 4 June 2002 (2002-06-04) the whole document -----	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/014422

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0715245	A	05-06-1996	US 5629980 A	13-05-1997
			DE 69531927 D1	20-11-2003
			DE 69531927 T2	19-05-2004
			EP 1293871 A2	19-03-2003
			EP 1293872 A2	19-03-2003
			EP 1293873 A2	19-03-2003
			EP 1329795 A1	23-07-2003
			EP 1329796 A1	23-07-2003
			EP 1331542 A1	30-07-2003
			EP 1338941 A1	27-08-2003
			EP 1338942 A1	27-08-2003
			EP 0715245 A1	05-06-1996
			JP 8263441 A	11-10-1996
			JP 2004310790 A	04-11-2004
			JP 2004310791 A	04-11-2004
US 2003078853	A1	24-04-2003	AU 3007800 A	16-10-2000
			AU 3380900 A	16-10-2000
			AU 3381000 A	16-10-2000
			AU 3503900 A	16-10-2000
			AU 3608100 A	16-10-2000
			AU 3708700 A	16-10-2000
			AU 3710100 A	16-10-2000
			EP 1287636 A2	05-03-2003
			EP 1259863 A2	27-11-2002
			JP 2003522989 T	29-07-2003
			JP 2003536119 T	02-12-2003
			WO 0057684 A2	05-10-2000
			WO 0059150 A2	05-10-2000
			WO 0059151 A2	05-10-2000
			WO 0058859 A2	05-10-2000
			WO 0058810 A2	05-10-2000
			WO 0059152 A2	05-10-2000
			WO 0058811 A2	05-10-2000
			US 6775655 B1	10-08-2004
			US 6829708 B1	07-12-2004
			US 2002012432 A1	31-01-2002
			US 2002007456 A1	17-01-2002
			US 2002013772 A1	31-01-2002
WO 0179971	A	25-10-2001	AU 5583301 A	30-10-2001
			AU 5583401 A	30-10-2001
			WO 0179971 A2	25-10-2001
			WO 0179972 A2	25-10-2001
US 6067582	A	23-05-2000	AU 3793997 A	06-03-1998
			DE 69726614 D1	15-01-2004
			EP 0978023 A1	09-02-2000
			WO 9807085 A1	19-02-1998
			US 6532543 B1	11-03-2003
US 5991399	A	23-11-1999	AU 1820199 A	05-07-1999
			WO 9931842 A1	24-06-1999
EP 1148407	A	24-10-2001	JP 10133955 A	22-05-1998
			EP 1148407 A2	24-10-2001
			AU 695948 B2	27-08-1998
			AU 2839497 A	07-05-1998

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/014422

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1148407 A		CN 1420443 A	28-05-2003
		CN 1182916 A	27-05-1998
		DE 69718277 D1	13-02-2003
		DE 69718277 T2	28-08-2003
		EP 0840194 A2	06-05-1998
		US 6470085 B1	22-10-2002
US 5737416 A	07-04-1998	CA 2143874 A1	26-10-1995
		DE 69529782 D1	10-04-2003
		EP 0679978 A1	02-11-1995
		JP 3503774 B2	08-03-2004
		JP 7295799 A	10-11-1995
		KR 200445 B1	15-06-1999
US 6398245 B1	04-06-2002	US 6389538 B1	14-05-2002
		US 6226618 B1	01-05-2001
		AU 763380 B2	24-07-2003
		AU 5481899 A	06-03-2000
		CA 2338414 A1	24-02-2000
		CA 2467974 A1	24-02-2000
		CA 2467998 A1	24-02-2000
		CN 1320232 T	31-10-2001
		EP 1104555 A2	06-06-2001
		JP 2002522995 T	23-07-2002
		TW 454132 B	11-09-2001
		WO 0008909 A2	24-02-2000
		US 6263313 B1	17-07-2001
		US 6345256 B1	05-02-2002
		US 6587837 B1	01-07-2003
		US 6418421 B1	09-07-2002
		US 2003105718 A1	05-06-2003
		US 6389403 B1	14-05-2002
		US 2002002468 A1	03-01-2002
		US 2002107803 A1	08-08-2002
		US 6574609 B1	03-06-2003