

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
WO 2004/090667 A3

(51) International Patent Classification<sup>7</sup>: G06F 15/16

(21) International Application Number:  
PCT/US2004/010112

(22) International Filing Date: 31 March 2004 (31.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/403,616 31 March 2003 (31.03.2003) US

(71) Applicant: SONY ELECTRONICS INC. [US/US]; 1  
Sony Drive, Park Ridge, NJ 07656 (US).

(72) Inventors: GIBBS, Simon; 3300 Zanker Road, San Jose,  
CA 95134 (US). GAUBA, Ravi; 3300 Zanker Road, San  
Jose, CA 95134 (US). WANG, Sidney; 3300 Zanker Road,  
San Jose, CA 95134 (US). LIU, Jeff; 3300 Zanker Road,  
San Jose, CA 95134 (US). HOCH, Michael; 3300 Zanker  
Road, San Jose, CA 95134 (US).

(74) Agent: O'BANION, John, P.; O'Banion & Ritchey LLP,  
400 Capitol Mall, Suite 1550, Sacramento, CA 95814 (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, 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, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (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).

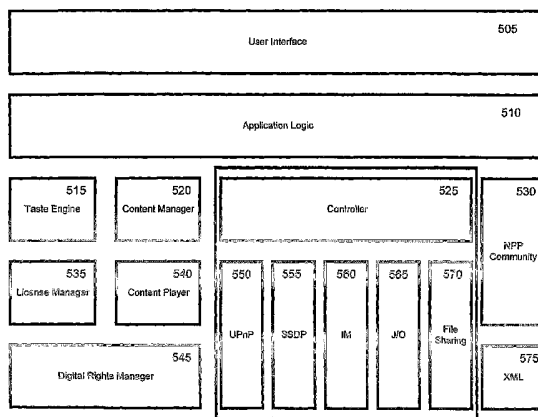
Published:  
— with international search report

(88) Date of publication of the international search report:  
11 May 2006

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

(54) Title: METHOD AND APPARATUS FOR EXTENDING PROTECTED CONTENT ACCESS WITH PEER TO PEER AP-  
PLICATIONS

500



580


(57) Abstract: The invention illustrates a system and method of sharing content with multiple peer device while protecting the content from unauthorized use. In one embodiment, the system and method comprises: identifying a plurality of peer devices within a predetermined area wherein each of the plurality of peer devices includes an interface framework; directly transmitting content among the plurality of devices; and a selected plurality of peer devices requesting a license from a digital rights management server for the content, wherein the selected plurality of peer devices possess the content, wherein the interface framework is configured to allow the plurality of peer devices to directly communicate and utilize an application. Other aspects and advantages of the invention will become apparent from the following detailed description, taken in conjunction with the accompanying drawings, illustrated by way of example of the principles of the invention.

WO 2004/090667 A3

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10112

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : G06F 015/16 US CL : 709/203 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 709/203, 201-202, 204-205; 719/311, 313, 315-318, 328-329; 710/62-64, 72; 715/751-759 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) EAST		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P --- Y, P	US 2004/0034860 A1 (FERNANDO et al.) 19 February 2004 (19.02.2004), see entire document.	1-5, 8-11, 12, 14, 16-18, 20, 21, 24, 25 ----- 6, 7, 13, 15, 19, 22, 23
Y, E	US 2004/0181487 A1 (HANSON) 16 September 2004 (16.09.2004), see entire document.	6, 7, 13, 15, 19, 22, 23
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family 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 application or patent 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 12 January 2005 (12.01.2005)		Date of mailing of the international search report <b>31 JAN 2005</b>
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer  Vincent Trans Telephone No. (703)305-9750