

Form PTO-1595 (Rev. 03/01) **RECORDATION FORM COVER SHEET** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office  
**PATENTS ONLY**  
 OMB No. 0651-0027 (exp. 5/31/2002)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies):  <b>Canal+ Technologies</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>November 19, 2004</u></p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>THOMSON Licensing S. A.</u></p> <p>Internal Address: _____</p> <p>Street Address:  <u>46 Quai A. Le Gallo,</u>  <u>F-92100 Boulogne-Billancourt</u>  <u>FRANCE</u></p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Additional name(s) &amp; address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_

<p>A. Patent Application No.(s):</p> <p>09/400,315 09/400,317 09/400,442 09/489,676          09/489,677 09/523,125 09/540,105 09/540,270          09/553,667 09/601,591 09/622,137 09/622,245</p>	<p>B. Patent No.(s):</p> <p>6,360,195 6,478,222 6,490,356 6,650,710          6,714,650 6,804,820</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Jonathan P. Osha</u>  <u>OSHA &amp; MAY L.L.P.</u></p> <p>Internal Address: <u>Atty. Dkt.: 11345/001001</u></p> <p>Street Address:  <u>1221 McKinney St., Suite 2800</u></p> <p>City: <u>Houston</u> State: <u>TX</u> Zip: <u>77010</u></p>	<p>6. Total number of applications and patents involved: <u>55</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>2200.00</u></p> <p><input type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account  <input checked="" type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)</p> <p>8. Deposit account number:  <u>50-0591</u>          (Attach duplicate copy of this page if paying by deposit account)</p>
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**DO NOT USE THIS SPACE**

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Jonathan P. Osha [Signature] December 29, 2004  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 306-5995, on the date shown below.

Dated: December 29, 2004 Signature: [Signature] (Yuki Tsukuda)

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## Assignment Recordation Form Cover Sheet (Cont'd.) PATENTS ONLY

<b>Continuation of Block 4</b>
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A. Patent Application No.(s) *Additional numbers*

09/622,246	10/019,787	10/240,638
09/622,291	10/019,788	10/257,125
09/623,641	10/019,915	10/295,021
09/646,845	10/030,032	10/315,914
09/647,080	10/038,859	10/344,923
09/674,079	10/089,218	10/362,110
09/744,215	10/111,927	10/480,694
09/744,281	10/111,928	10/679,241
09/786,778	10/149,648	10/874,137
09/831,477	10/168,308	10/953,823
09/889,992	10/169,640	60/250,350
09/928,648	10/206,649	
09/995,481	10/225,433	

**PATENT ASSIGNMENT**

THIS AGREEMENT is by and between Canal+ Technologies ("Company") and THOMSON Licensing S.A. ("Assignee") having a place of business at 46 Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France.

**WITNESSETH:**

WHEREAS, Company is the owner of the entire right, title, and interest in and to the patents and patent applications listed in *Schedule A* attached hereto (the "Patent Rights"); and

WHEREAS, Assignee desires to obtain, and Company is willing to assign to Assignee, the Patent Rights;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, the parties hereby agree as follows:

Company does hereby sell, assign, transfer, and set over unto Assignee the entire right, title, and interest in, to, and under (i) the Patent Rights, all extensions and reissues thereof, and all other United States patents and patent applications owned by Company which are related thereto, (ii) the inventions claimed in such patents, and (iii) all claims for damages by reason of past infringement of any of such patents or patent applications by third parties with the right to sue for and collect the same.

IN WITNESS WHEREOF, Company has caused its duly authorized representative to execute this Assignment.

Canal+ Technologies



By: MARTIN KOHLER

Title: MANAGER PATENTS

Date: 19/11/04

*Schedule A*

CPT Number	Class Number	Country	Type	Title	Filing date	Filing Number	Publication date	Grant date	Grant number
A	CPT97003	11345/013001	US	CON	MODEM CONTROL	31/Mar/2000	09/540,175	10/12/2004	6,804,820
A	CPT97004	11345/012001	US	CON	MULTI-CHANNEL DIGITAL TELEVISION SYSTEM	20/Apr/2000	09/553,667		
A	CPT97015	11345/008001	US	CON	MULTITHREAD DATA PROCESSOR	31/Mar/2000	09/540,270		
A	CPT97018	11345/011001	US	CON	INSTREAM LOADER	31/Mar/2000	09/540,105		
A	CPT97019	11345/110001	US	CON	TRANSMISSION AND RECEPTION OF TELEVISION PROGRAMMES AND OTHER DATA	06/Oct/2003	10/679,241	15/Jul/2004	
A	CPT97019	NONE	US	CON	TRANSMISSION AND RECEPTION OF TELEVISION PROGRAMMES AND OTHER DATA	25/Apr/1997	10/349,490		
A	CPT97021	11345/107001	US	CON	METHOD OF DOWNLOADING OF DATA TO AN MPEG RECEIVER/DECODER AND MPEG TRANSMISSION SYSTEM FOR IMPLEMENTING THE SAME	21/Sep/1999	09/400,442		
A	CPT97026	11345/108001	US	CON	DATA PROCESSING SYSTEM	21/Sep/1999	09/400,317		
A	CPT97028	11345/113001	US	CON	IEEE SET TOP BOX DEVICE DRIVER	24/Jan/2000	09/489,676		
A	CPT97029	11345/114001	US	CON	DIGITAL TRANSPORT STREAM PROCESSING	24/Jan/2000	09/489,677		
A	CPT97034	NONE	US	CON	BROADCAST RECEIVING SYSTEM COMPRISING A COMPUTER AND A DECODER	21/Sep/1999	09/400,446	03/Dec/2002	6,490,356
A	CPT98001	11345/017001	US	DCA	MEMORY MANAGEMENT IN A RECEIVER/DECODER	26/Sep/2000	09/647,080		
A	CPT98002	11345/027001	US	DCA	RECEIVER/DECODER AND METHOD OF PROCESSING VIDEO DATA	25/Oct/2000	09/674,079		
A	CPT98003	11345/016001	US	DCA	AUTHENTICATION OF DATA IN A DIGITAL TRANSMISSION SYSTEM	22/Sep/2000	09/646,845		
A	CPT98003	11345/016002	US	DIV	AUTHENTICATION OF DATA IN A DIGITAL TRANSMISSION SYSTEM	29/Sep/2004	10/653,823		
A	CPT98006	11345/025001	US	DCA	INTERACTIVE GAMING SYSTEM FOR BROADCAST EVENTS	09/Aug/2000	09/622,291		
A	CPT98007	11345/020001	US	DCA	PROCESSING OF GRAPHICAL DIGITAL PICTURE DATA IN A DECODER	15/Aug/2000	09/622,245		
A	CPT98008	11345/021001	US	DCA	PROCESSING OF DIGITAL PICTURE DATA IN A DECODER	15/Aug/2000	09/622,246		
A	CPT98010	11345/028001	US	DCA	MULTIMEDIA TERMINAL ADAPTED FOR MULTIPLE USERS	08/Sep/2000	09/623,641		
A	CPT98012	11345/033001	US	NEW	SIGNALLING OF BOUQUET INFORMATION IN A DIGITAL TRANSMISSION SYSTEM	09/May/2001	09/831,477		
A	CPT98015	11345/019001	US	DCA	NAVIGATION SYSTEM FOR A MULTICHANNEL DIGITAL TELEVISION SYSTEM	19/Jan/2001	09/744,215		
A	CPT98020	11345/030001	US	DCA	APPLICATION DATA TABLE FOR A MULTISERVICE DIGITAL TRANSMISSION SYSTEM	08/Mar/2001	09/786,778		
A	CPT99001	11345/046001	US	DCA	METHOD AND APPARATUS FOR USE WITH E-MAIL	04/Jan/2002	10/019,787		
A	CPT99004	11345/051001	US	DCA	DISPLAYING GRAPHICAL OBJECTS	01/May/2002	10/111,928		
A	CPT99007	11345/047001	US	DCA	WINDOWING SYSTEMS	26/Mar/2002	10/089,218		
A	CPT99013	11345/054001	US	DCA	NAVIGATION SYSTEM	20/Jun/2002	10/168,308	02/Jan/2003	
A	CPT99014	11345/035001	US	DCA	ADDRESS ASSIGNMENT IN A DIGITAL TRANSMISSION SYSTEM	24/Jul/2001	09/889,992		
A	CPT00004	11345/061001	US	DCA	AUTHENTICATION OF DATA TRANSMITTED IN A DIGITAL TRANSMISSION SYSTEM	03/Oct/2002	10/240,638	01/Jul/2004	

Schedule A

CPT Number	C&M Number	County	Type	Title	Filing date	Filing Number	Publication date	Grant date	Grant number	
A	CPT00011	11345/032001	US	NEW	PORTAL FOR A COMMUNICATIONS SYSTEM	01/Dec/2000	60/250,350			
A	CPT00011	11345/032002	US	CON	PORTAL FOR A COMMUNICATIONS SYSTEM	28/Nov/2001	09/995,481	06/Jun/2002		
A	CPT00012	11345/052001	US	DCA	VIRTUAL KEYBOARD	01/May/2002	10/111,927			
A	CPT00013	11345/059001	US	DCA	COMPUTERISED METHOD FOR OPERATING AN INTERACTIVE DIGITAL TELEVISION BROADCAST	03/Jul/2002	10/169,640	12/Jun/2003		
A	CPT01001	11345/040001	US	CEQ	METHOD AND DEVICE FOR ADMINISTRATING INFORMATION IN AN INTERACTIVE COMMUNICATION SYSTEM	03/Jan/2002	10/038,859	15/Aug/2002		
A	CPT01003	11345/115001	US	DCA	DATA REFERENCING SYSTEM	22/Sep/2003	10/472,398			
A	CPT01010	11345/079001	US	DCA	IMPROVEMENTS IN THE FIELD OF PROGRAMME DELIVERY	11/Dec/2003	10/460,694			
A	CPT01010	NONE	US	DIV	IMPROVEMENTS IN THE FIELD OF PROGRAMME DELIVERY	11/Jun/2002				
A	CPT01014	11345/056001	US	CEQ	ROUTING AND PROCESSING DATA	10/Dec/2002	10/315,914	06/Nov/2003		
A	CPT01016	11345/055001	US	CEQ	FILE AND CONTENT MANAGEMENT	21/Aug/2002	10/225,433	24/Apr/2003		
B	CPT97005	11345/010001	US	CON	DOWNLOADING OF APPLICATIONS IN A DIGITAL DECODER	04/Apr/2000	09/542,785		11/12/2002	6,476,222
B	CPT97005	11345/010002	US	RIS	DOWNLOADING OF APPLICATIONS IN A DIGITAL DECODER	22/Jun/2004	10/874,137			
B	CPT97011	11345/006001	US	CON	METHOD AND APPARATUS FOR RECORDING OF ENCRYPTED DIGITAL DATA	10/Mar/2000	09/523,125			
B	CPT97011	11345/006002	US	CIP	METHOD AND APPARATUS FOR RECORDING OF ENCRYPTED DIGITAL DATA	13/Aug/2001	09/928,648	25/Apr/2002		
B	CPT97020	11345/014001	US	DCA	PACKET FILTERING	16/May/2000	09/554,575		11/18/2003	6,650,710
B	CPT97020	11345/014002	US	CON	PACKET FILTERING	26/Jul/2002	10/206,649	09/Jan/2003		
B	CPT97023	NONE	US	CON	TELEVISION OR RADIO CONTROL SYSTEM DEVELOPMENT	21/Sep/1999	09/400,312		19/Mar/2002	6,360,195
B	CPT97024	11345/112001	US	CON	EXTRACTING DATA SECTIONS FROM A TRANSMITTED DATA STREAM	21/Sep/1999	09/400,315			
B	CPT98004	11345/022001	US	DCA	RECORDING OF SCRAMBLED DIGITAL DATA	11/Aug/2000	09/622,138		30/Mar/2004	6,714,650
B	CPT98005	11345/023001	US	DCA	METHOD AND APPARATUS FOR RECORDING OF ENCRYPTED DIGITAL DATA	11/Aug/2000	09/622,137			
B	CPT98009	11345/024001	US	DCA	CONFIGURING METHOD AND DEVICE	25/Sep/2000	09/601,591			
B	CPT98015	11345/028001	US	DCA	NAVIGATION SYSTEM FOR A MULTICHANNEL DIGITAL TELEVISION SYSTEM	19/Jan/2001	09/744,281			
B	CPT98018	11345/031001	US	DCA	MANAGEMENT OF DATA IN A RECEIVER/DECODER	27/Feb/2001	09/786,151			
B	CPT99002	11345/041001	US	DCA	INTERNET SUBSCRIBER MANAGEMENT	04/Jan/2002	10/019,915			
B	CPT99006	11345/044001	US	DCA	BROADCASTING AND RECEIVING MESSAGES	03/Jan/2002	10/030,032			
B	CPT99010	11345/042001	US	DCA	COMMUNICATION METHODS AND APPARATUS	04/Jan/2002	10/019,788			
B	CPT99015	11345/048001	US	DCA	TRANSMISSION OF A COMMAND TO A RECEIVER OR TO A DECODER	13/Jun/2002	10/149,648	05/Dec/2002		
B	CPT00003	11345/060001	US	DCA	APPARATUS FOR AND METHOD OF TESTING APPLICATIONS	07/Oct/2002	10/257,125	22/Jan/2004		
B	CPT00009	11345/071001	US	DCA	TRANSMITTING AND PROCESSING PROTECTED CONTENT	21/Feb/2003	10/362,110	25/Sep/2003		
B	CPT01005	NONE	US	DCA	CODE LOADER	07/May/2002				
B	CPT01008	11345/072001	US	DCA	MPEG TABLE STRUCTURE	18/Feb/2003	10/344,923			
B	CPT01012	11345/062001	US	CEQ	PROCESSING DATA	14/Nov/2002	10/295,021	12/Jun/2003		