

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4546225

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	7801769 CANADA INC.	06/13/2011
RECEIVING PARTY DATA		
Name:	QNX SOFTWARE SYSTEMS LIMITED	
Street Address:	175 TERENCE MATTHEWS CRESCENT	
City:	OTTAWA, ONTARIO	
State/Country:	CANADA	
Postal Code:	K2M 1 W8	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14166616
CORRESPONDENCE DATA		
Fax Number:	(317)634-6701	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-636-0886	
Email:	mhussey@brinksgilson.com, bwalton@brinksgilson.com, brinksindy@brinksgilson.com	
Correspondent Name:	MICHAEL E. HUSSEY	
Address Line 1:	201 N. ILLINOIS ST., SUITE 1100	
Address Line 2:	BRINKS GILSON & LIONE	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	14295-986(38787-US-CNT-4)	
NAME OF SUBMITTER:	MICHAEL E. HUSSEY	
SIGNATURE:	/mh/	
DATE SIGNED:	08/11/2017	
Total Attachments: 7		
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PATENT

REEL: 043267 FRAME: 0254

CONFIRMATION AND ASSIGNMENT

WHEREAS **7801769 CANADA INC.**, a company organized under the Canada Business Corporations Act, having a place of business at 175 Terence Matthews Crescent, Ottawa, Ontario, K2M 1W8, Canada, (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS **QNX SOFTWARE SYSTEMS LIMITED**, a corporation continued under the laws of the province of Ontario, Canada, having a registered office and a place of business at 175 Terence Matthews Crescent, Ottawa, Ontario, K2M 1W8, Canada, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignee Inventions"); and

WHEREAS **QNX SOFTWARE SYSTEMS LIMITED**, the corporation continued under the laws of the province of Ontario, prior to such continuation that occurred on May 27, 2011, was **QNX SOFTWARE SYSTEMS LIMITED** a corporation under the laws of Nova Scotia, Canada, having its registered office at 1959 Upper Water Street, Suite 900, Halifax, Nova Scotia, B3J 3N2, Canada and having a place of business at 175 Terence Matthews Crescent, Ottawa, Ontario, K2M 1W8, Canada; and

WHEREAS **QNX SOFTWARE SYSTEMS LIMITED** the corporation under the laws of Nova Scotia, prior to a re-registration and a change of name on May 17, 2011, was **QNX SOFTWARE SYSTEMS CO.** an unlimited liability company amalgamated under the laws of Nova Scotia, Canada, having its registered office at 1959 Upper Water Street, Suite 900, Halifax, Nova Scotia, B3J 3N2, Canada and having a place of business at 175 Terence Matthews Crescent, Ottawa, Ontario, K2M 1W8, Canada; and

WHEREAS, ASSIGNOR became a wholly-owned subsidiary of ASSIGNEE (known as **QNX SOFTWARE SYSTEMS CO.** at the time) on April 15, 2011; and

WHEREAS, ASSIGNOR and ASSIGNEE (known as **QNX SOFTWARE SYSTEMS CO.** at the time) are parties to a General Conveyance dated April 15, 2011 (the "Transfer Agreement"); and

WHEREAS, pursuant to the Transfer Agreement, ASSIGNOR and ASSIGNEE agree that ASSIGNEE is the owner of all developments, modifications, improvements, adaptations of and derivative works, related to the Assignor Inventions or Assignee Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf (the "Developments"), and that ASSIGNOR has received full market consideration therefor; and

WHEREAS, pursuant to the Transfer Agreement, ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"),

inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in Schedule "A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents; Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Creations and Creation Documents; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR hereby agrees, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR further agrees to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR does hereby authorize ASSIGNEE or its patent agents or attorneys to insert in Schedule "A" the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

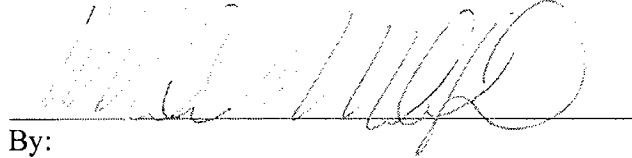
IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

IN WITNESS WHEREOF, this Confirmation And Assignment has been executed below by the undersigned:

FOR ASSIGNOR:

Date: 13th day of June, 2011

7801769 CANADA INC.



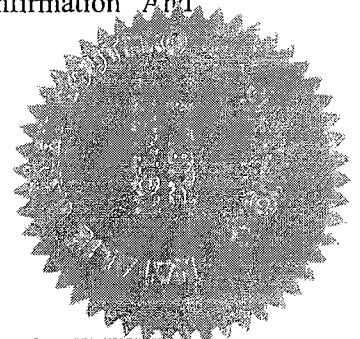
By:

Name: Michael Michalyshyn

Title: President

Today, this 13th day of June, 2011 in the Province of Ontario Canada, Michael Michalyshyn appeared before me and executed to the above Confirmation And Assignment and affixed thereto his signature.

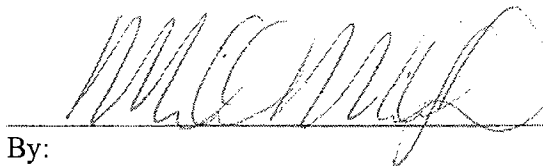


Commissioner for Taking Oaths, etc.
and Notary Public

FOR ASSIGNEE:

Date: 13th day of June, 2011

QNX SOFTWARE SYSTEMS LIMITED



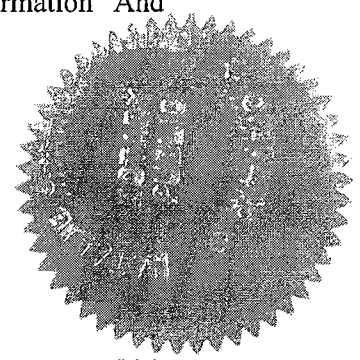
By:

Name: Michael Michalyshyn

Title: Vice President, General Counsel

Today, this 13th day of June, 2011 in the Province of Ontario Canada, Michael Michalyshyn appeared before me and executed to the above Confirmation And Assignment and affixed thereto his signature.



Commissioner for Taking Oaths, etc.
and Notary Public

SCHEDULE A									
Case Reference	Title	Country	Filing Number	Filing Date	Publication Number	Publication Date	Grant Number	Grant Date	
38777-US-CIP	COMPUTER FILE MANAGEMENT SYSTEM	US	11/336385	20 Jan 2006	2006/0206449	14 Sep 2006	7440980	21 Oct 2008	
38777-US-CIP(2)	COMPUTER FILE SYSTEM HAVING FILE MAPPINGS TO FILES OF A	US	11/336421	20 Jan 2006	2006/0206440	14 Dec 2006	7439900	07 Oct 2008	
38777-US-CNT	COMPUTER FILE MANAGEMENT SYSTEM	US	11/436965	16 May 2006	2006/0206450	14 Sep 2006	7461098	02 Dec 2008	
38787-US-PAT	COMPUTER FILE MANAGEMENT SYSTEM	US	09/824252	03 Apr 2001	2002/0143795	03 Oct 2002	7047257	16 May 2006	
38787-CA-PAT	SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE	CA	2516881	24 Aug 2005	2516881	28 Feb 2006			
38787-EP-EPA	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS	EP	05018844.0	30 Aug 2005	2516881	21 Apr 2010			
38787-KR-PAT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS	KR	10-2005-0080113	30 Aug 2005					
38787-US-CNT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS	US	12/940162	05 Nov 2010	2011/0050688	03 Mar 2011			
38787-US-PAT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS	US	10/928698	30 Aug 2004	2006/0048164	02 Mar 2006	7830372	09 Nov 2010	
38797-US-PAT	SYSTEM FOR ASYNCHRONOUS MESSAGING	US	11/145105	03 Jun 2006	2006/0182137	17 Aug 2006	7549151	16 Jun 2009	
38799-1-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	CA	2547829	24 May 2006	2547829	03 Dec 2006			
38799-1-CN-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	CN	200610088515.7	01 Jun 2006	1881944	20 Dec 2006			
38799-1-KR-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	KR	10-2006-0049351	01 Jun 2006					
38799-1-US-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	US	11/144327	03 Jun 2005	2006/0277284	07 Dec 2006			
38799-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	CA	2547880	24 May 2006	2547880	03 Dec 2006			
38799-CN-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	CN	200610088516.1	01 Jun 2006	1881945	20 Dec 2006			
38799-KR-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	KR	10-2006-0049352	01 Jun 2006					
38799-US-CNT	DISTRIBUTED KERNEL OPERATING SYSTEM	US	12/911506	25 Oct 2010	2011/0035502	10 Feb 2011			
38799-US-PAT	SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM	US	11/143293	03 Jun 2005	2006/0277285	07 Dec 2006	7840682	23 Nov 2010	
38800-CA-PAT	METHOD FOR TRANSITIONING CONTROL OF A PERIPHERAL	CA	2548509	26 May 2006	2548509	03 Dec 2006			
38800-EP-EPA	METHOD FOR TRANSITIONING CONTROL OF A PERIPHERAL	EP	06011406.3	01 Jun 2006	1736871	27 Dec 2006			
38800-KR-PAT	METHOD FOR TRANSITIONING CONTROL OF A PERIPHERAL	KR	10-2006-0049348	01 Jun 2006					
38800-US-PAT	METHOD FOR TRANSITIONING CONTROL OF A PERIPHERAL	US	11/143373	03 Jun 2005	2006/0277400	07 Dec 2006	7461247	02 Dec 2008	
38801-CA-PAT	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF	CA	2538503	01 Mar 2006	2538503	14 Sep 2006			
38801-EP-EPA	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	EP	06004378.3	03 Mar 2006					
38801-EP-EPD	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF	EP	10184621.0	30 Sep 2010	2010206311	06 Apr 2011			
38801-IN-PAT	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	IN	450/CHE/2006	13 Mar 2006					
38801-KR-PAT	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	KR	10-2006-0023269	13 Mar 2006					
38801-US-CIP	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF	US	11/317468	22 Dec 2005	2007/0226739	27 Sep 2007			
38801-US-CIP(2)	ADAPTIVE PARTITIONING SCHEDULER FOR MULTIPROCESSING	US	12/036678	28 Feb 2008	2008/0196031	14 Aug 2008			
38801-US-CIP(3)	ADAPTIVE PARTITIONING FOR MULTIPROCESSING SYSTEM	US	12/098972	07 Apr 2008	2008/0235701	25 Sep 2008			
38801-US-CNT(2)	PROCESS SCHEDULER EMPLOYING ORDERING FUNCTION TO	US	12/978083	23 Dec 2010	2011/0107342	05 May 2011			
38801-US-DIV	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF	US	11/371638	08 Mar 2006	2006/0206881	14 Aug 2006	7840966	23 Nov 2010	
38801-US-DIV(2)	PROCESS SCHEDULER EMPLOYING ORDERING FUNCTION TO	US	11/371634	08 Mar 2006	2007/0061788	15 Mar 2007	7870554	11 Jan 2011	
38801-US-DIV(3)	PROCESS SCHEDULER EMPLOYING ORDERING FUNCTION TO	US	11/371639	08 Mar 2006	2007/0061809	15 Mar 2007			
38801-US-PAT	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	US	11/216795	31 Aug 2005	2006/0206887	14 Sep 2006			
38802-US-PAT	SYSTEM FOR EMPLOYING FAST BOOTING OF APPLICATION	US	11/385253	21 Mar 2006	2006/0282654	14 Dec 2006	7590839	15 Sep 2009	
38807-CA-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE	CA	2549917	09 Jun 2006	2549917	01 Jan 2007			
38807-CN-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE	CN	200610093180.8	23 Jun 2006	1983266	20 Jun 2007			
38807-EP-EPA	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE	EP	06012872.5	22 Jun 2006	1739535	03 Jan 2007			
38808-CA-PAT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	CA	2550974	07 Jun 2006	2550974	01 Jan 2007			
38808-EP-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	EP	06012874.1	22 Jun 2006	1744247	17 Jul 2007			
38808-US-CNT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	US	12/957999	01 Dec 2010	2011/0072061	24 Mar 2011			
38808-US-PAT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	US	11/173798	01 Jul 2005	2007/0005560	04 Jan 2007			
38809-US-CNT	FILE SYSTEM HAVING TRANSACTION RECORD COALESCING	US	12/955524	29 Nov 2010	2011/0072060	24 Mar 2011			
38809-US-PAT	FILE SYSTEM HAVING TRANSACTION RECORD COALESCING	US	11/450141	09 Jun 2006	2007/0005627	04 Jan 2007	7873683	18 Jan 2011	
38810-US-PAT	COMPUTER SYSTEM HAVING LOGICALLY ORDERED CACHE	US	11/450140	09 Jun 2006	2007/0005894	04 Jan 2007	7698495	13 Apr 2010	
38811-US-PAT	SYSTEM EMPLOYING DATA VERIFICATION OPERATIONS OF	US	11/477824	28 Jun 2006	2007/0113120	17 May 2007	7707480	27 Apr 2010	
38812-CA-PAT	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA	CA	2549694	07 Jun 2006	2549694	01 Jan 2007			
38812-EP-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA	EP	06012871.7	22 Jun 2006	1744246	17 Jan 2007			
38813-CA-PAT	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA	US	11/173808	01 Jul 2005	2007/0005614	01 Apr 2007	7809777	05 Oct 2010	
38813-EP-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA	EP	2550871	23 Jun 2006	2550871	01 Jan 2007			
38813-US-PAT	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA	US	06012983.0	22 Jun 2006	1739575	03 Jan 2007			
38819-CA-PAT	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	CA	2564573	18 Oct 2006	2564573	04 Jan 2007			
38819-KR-DIV	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	KR	2008-0070978	22 Jul 2008	2008-0082564	28 Apr 2007			
						11 Sep 2008	0897964	08 May 2009	

Case Reference	Title	Country	Filing Number	Filing Date	Publication Number	Publication Date	Grant Number	Grant Date
38819-US-PAT	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	US	11/262384	28 Oct 2005	2007/0097881	03 May 2007	7680096	16 Mar 2010
38821-CA-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	CA	2596434	08 Aug 2007	2596434	25 Feb 2008		
38821-EP-EPA	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	EP	07015731.8	09 Aug 2007	1895394	05 Mar 2008		
38821-IN-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	IN	1827/CHE/2007	16 Aug 2007				
38821-US-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	US	11/510174	25 Aug 2006	2008/0052329	28 Feb 2008	7599972	06 Oct 2009
38821-US-REX	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	US	90/011299	26 Oct 2010				
38822-CA-PAT	SYSTEM EXECUTING A FAST BOOK WAKE-UP	CA	2585540	20 Apr 2007	2585540	04 Nov 2007		
38822-US-PAT	SYSTEM EXECUTING A FAST BOOK WAKE-UP	US	11/418481	04 May 2007	2007/0260867	08 Nov 2007	7624260	24 Nov 2009
38823-CA-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	CA	2598349	22 Aug 2007	2598349	25 Feb 2008		
38823-CN-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	CN	2007/1014653.7	20 Aug 2007	101256566	03 Sep 2008		
38823-EP-EPA	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	EP	07015910.8	13 Aug 2007	001895434	05 Mar 2008		
38823-IN-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	IN	1839/CHE/2007	17 Aug 2007				
38823-JP-DIV	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	JP	2011-44534	01 Mar 2011				
38823-JP-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	JP	2007-213080	17 Aug 2007	2008-54312	06 Mar 2008		
38823-US-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER	US	11/765258	19 Jun 2007	2008/0059510	06 Mar 2008		
38827-US-CNT	FILESYSTEM HAVING A FILENAME CACHE	US	12/960197	03 Dec 2010	2011/0078219	31 Mar 2011		
38827-US-PAT	FILESYSTEM HAVING A FILENAME CACHE	US	11/71583	13 Mar 2007	2008/0228843	18 Sep 2008	7908276	15 Mar 2011
38828-CA-PAT	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION	CA	2598312	22 Aug 2007	2598312	25 Feb 2008		
38828-EP-EPA	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION	EP	07015915.7	13 Aug 2007	1899322	12 Mar 2008		
38828-US-PAT	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION	US	11/71601	13 Mar 2007	2008/0052323	28 Feb 2008		
38832-CA-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE	CA	2613924	07 Dec 2007	2613924	14 Jun 2008		
38832-CN-PAT	SYSTEM FOR ACCESSING MULTIMEDIA FILES FROM STORAGE	CN	2007/1019862.X	14 Dec 2007	10126530	23 Jul 2008		
38832-IN-PAT	SYSTEM FOR ACCESSING MULTIMEDIA FILES FROM STORAGE	IN	2959/CHE/2007	10 Dec 2007				
38832-JP-PAT	SYSTEM FOR ACCESSING MULTIMEDIA FILES FROM STORAGE	JP	2007-317757	07 Dec 2007	2008-152772	03 Jul 2008		
38832-US-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE	US	11/950227	04 Dec 2007	2008/0147747	19 Jun 2008		
38833-JP-PAT	SYSTEM FOR CHOOSING A MULTIMEDIA FILE	JP	2007-322492	13 Dec 2007	2008-152259	03 Jul 2008		
38833-US-PAT	SYSTEM FOR CHOOSING A MULTIMEDIA FILE	US	11/947386	29 Nov 2007	2008/0147739	19 Jun 2008		
38842-US-CNT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE	US	13/018492	01 Feb 2011				
38842-US-PAT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE	US	11/853451	11 Sep 2007	2009/0070545	12 Mar 2009		
38843-US-PAT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE	US	11/779676	11 Jul 2007	2009/019253	15 Jan 2009	7783859	24 Aug 2010
38844-US-PAT	PROCESSING SYSTEM HAVING A SUPPORTED PAGE SIZE	US	11/779853	18 Jul 2007	2009/0034824	22 Jan 2009	779214	17 Aug 2010
38845-US-PAT	PROCESSING SYSTEM IMPLEMENTING MULTIPLE PAGE SIZE	US	11/776970	12 Jul 2007	2009/0019254	15 Jan 2009	7793070	07 Sep 2010
38846-1-US-PAT	PROCESSING SYSTEM IMPLEMENTING MULTIPLE PAGE SIZE	US	12/207189	09 Sep 2008	2009/0125700	14 May 2009		
38846-US-PAT	PROCESSING SYSTEM HAVING MEMORY PARTITIONING	US	12/025480	04 Feb 2008	2009/0070769	12 Mar 2009		
38847-EP-EPA	REMOTE ENTRY NAVIGATION SYSTEM	EP	08012057.9	03 Jul 2008				
38847-JP-DIV	REMOTE ENTRY NAVIGATION SYSTEM	JP	2011-36340	22 Feb 2011				
38847-JP-PAT	REMOTE ENTRY NAVIGATION SYSTEM	JP	2008-175095	03 Jul 2008				
38847-US-PAT	REMOTE ENTRY NAVIGATION SYSTEM	US	11/776057	11 Jul 2007	2009/0018769	15 Jan 2009		
38849-US-PAT	GRAPHIC USER INTERFACE	US	12/058541	28 Mar 2008	2008/0263452	23 Oct 2008		
38854-EP-EPA	SYSTEM HAVING USER INTERFACE USING OBJECT SELECTION	EP	08018181.1	16 Oct 2008				
38854-US-PAT	SYSTEM HAVING USER INTERFACE USING OBJECT SELECTION	US	12/039674	28 Feb 2008	2009/0102806	23 Apr 2009		
38855-EP-EPA	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	EP	08018178.7	16 Oct 2008	2051236	22 Apr 2009		
38855-US-PAT	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	US	12/036909	25 Feb 2008	2009/0102861	23 Apr 2009		
38856-US-PAT	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	US	12/260701	29 Oct 2008	2009/0193556	06 Aug 2009		
38857-US-PAT	SYSTEM HAVING USER INTERFACE USING MOTION BASED	US	12/039676	12/260701	2009/0115736	28 Feb 2009		
38864-US-PAT	PLAYLIST MANAGEMENT SYSTEM	US	12/634307	09 Dec 2009	2010/0153846	07 May 2009		
38865-CA-PAT	SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE	CA	2699819	13 Apr 2010	2699819	16 Oct 2010		
38865-EP-EPA	SYSTEM FOR MANAGING AN COST-CONSTRAINED RESOURCE	EP	10159833.2	14 Apr 2010	2246785	03 Nov 2010		
38865-US-PAT	SYSTEM FOR MANAGING AN COST-CONSTRAINED RESOURCE	US	12/424856	16 Apr 2009	2009/0265486	22 Oct 2009		
38867-CA-PAT	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	CA	2699841	13 Apr 2010	2699841	17 Oct 2010		
38867-EP-EPA	PROCESSING SYSTEM FOR MEDIA, HAVING RESOURCE	EP	10160106.0	16 Apr 2010				
38867-US-PAT	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	US	12/425905	17 Apr 2009	2009/0235044	17 Sep 2009		
38868-CA-PCT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN	CA	2733527	11 Aug 2009				
38868-EP-EPT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN	EP	09786127.2	11 Aug 2009	2324423	25 May 2011		
38868-US-PAT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN	US	12/190380	12 Aug 2008	2010/004030346	18 Feb 2010		
38873-EP-EPA	SYSTEM FOR ACCELERATING COMPOSITE GRAPHICS	EP	10158559.4	31 Mar 2010				
38873-US-PAT	SYSTEM FOR ACCELERATING COMPOSITE GRAPHICS RENDERING	US	12/731763	25 Mar 2010	2010/0253693	07 Oct 2010		
38875-CA-DIV	PHOTON WINDOWING KERNEL	CA	2388871	14 Oct 1994			2388871	30 Dec 2003
38875-CA-PAT	PHOTON WINDOWING KERNEL	CA	2118201	14 Oct 1994			2118201	04 Feb 2003

Case Reference	Title	Country	Filing Number	Filing Date	Publication Number	Publication Date	Grant Number	Grant Date
38876-US-CNT	WINDOW KERNEL	US	09/010479	21 Jan 1998			6397262	28 May 2002
38876-US-PAT	WINDOW KERNEL	US	08/323354	14 Oct 1994			5745759	28 Apr 1998
38877-US-CNT	SYMMETRIC MULTI-PROCESSOR SYSTEM	US	11/515675	05 Sep 2006	2007/0130567	07 Jun 2007		
38877-US-PAT	SYMMETRIC MULTI-PROCESSOR SYSTEM AND METHOD	US	09/383115	25 Aug 1999			7103631	05 Sep 2006
38878-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	CA	2245963	26 Aug 1998	2245963	26 Feb 2000	2245963	27 Oct 2009
38878-US-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	US	09/382563	25 Aug 1999			6697876	24 Feb 2004
38884-US-PAT	SYSTEM THAT PROVIDES EMBEDDED SOFTWARE TO AN	US	12/785273	21 May 2010				
38885-US-PAT	PUBLISH-SUBSCRIBE SYSTEM	US	12/780400	14 May 2010				
38891-EP-EPA	SYNCHRONIZATION OF VIDEO PRESENTATION BY VIDEO	EP	10194710.9	13 Dec 2010				
38891-US-PAT	SYNCHRONIZATION OF A VIDEO PRESENTATION BY VIDEO	US	12/637426	14 Dec 2009				