

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5633565

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	QNX SOFTWARE SYSTEMS LIMITED	04/03/2014
RECEIVING PARTY DATA		
Name:	8758271 CANADA INC.	
Street Address:	2200 UNIVERSITY AVENUE EAST	
City:	WATERLOO	
State/Country:	CANADA	
Postal Code:	N2K 0A7	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16520487
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	42783-5567	
NAME OF SUBMITTER:	STEPHEN MARTIN	
SIGNATURE:	/SM/	
DATE SIGNED:	07/24/2019	
Total Attachments: 36		
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CONFIRMATION AND ASSIGNMENT

WHEREAS **QNX SOFTWARE SYSTEMS LIMITED**, a corporation organized under the laws of the Province of Ontario, Canada, having a place of business at 1001 Farrar Road, Kanata, Ontario, Canada K2K 0B3 (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS **8758271 CANADA INC.**, a corporation organized under the laws of the Country of Canada, having a place of business at 2200 University Avenue E., Waterloo, Ontario, Canada N2K 0A7 (the "ASSIGNEE"); and

WHEREAS, ASSIGNOR and ASSIGNEE are parties to an Asset Purchase Agreement dated January 17, 2014 (the "Purchase Agreement"); and

WHEREAS, pursuant to the Purchase Agreement, ASSIGNOR and ASSIGNEE agreed that ASSIGNEE is the owner of all developments, modifications and improvements related to the Assignor 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 Purchase 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 or utility model registrations ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary patent, design registration and utility model registration rights relating thereto, as listed in Schedule A - QNX Patents 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 or utility models 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 and utility model registrations 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 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 - QNX Patents 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:

QNX SOFTWARE SYSTEMS LIMITED

By



Name: Michael Michalyszyn
Title: Vice President, HR & General Counsel
Date: April 3, 2014

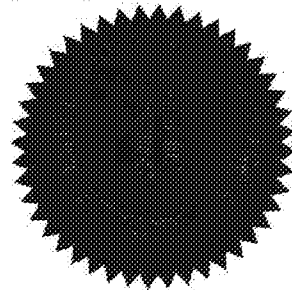
PROVINCE OF ONTARIO)
MUNICIPALITY OF OTTAWA)

ss.:

On the 3rd day of April, 2014, before me, the undersigned, a notary public in and for said province and municipality, personally appeared Michael Michalyszyn, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of QNX Software Systems Limited as the Vice President, HR and General Counsel of such company, executed such instrument in such capacity, and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.



Notary Public
(Affix Seal Below)



8758271 CANADA INC.,

By

Name:

Title:

Date:

PROVINCE OF)

MUNICIPALITY OF)

ss.:

On the ____th day of April, 2014, before me, the undersigned, a notary public in and for said province and municipality, personally appeared Roger Witteveen, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of 8758271 Canada Inc. as the of such company, executed such instrument in such capacity, and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.

.....
Notary Public
(Affix Seal Below)

SCHEDULE A

Patent Applications and Granted Patents

Case reference	Title	Country	Filing Date	Filing Number	Publication Date	Publication Num	Grant Date	Grant Number
38774-US-CIP	MICROPHONE SHIELD SYSTEM	United States Of America	30 Jun 2004	10/002961			19 Aug 2008	7415122
38774-US-DIV	MICROPHONE SHIELD SYSTEM	United States Of America	21 May 2008	12/124773	18 Aug 2008	2008/0228110	17 May 2011	7945063
38774-US-PAT	MICROPHONE SHIELD SYSTEM	United States Of America	25 May 2008	09/578119			03 Aug 2011	7945063
38777-US-CIP	COMPUTER FILE MANAGEMENT SYSTEM	United States Of America	20 Jan 2006	11/336385	14 Sep 2006	2006/0206449	21 Oct 2008	7443090
38777-US-CIP [2]	COMPUTER FILESYSTEM HAVING FILE MAPPINGS TO FILES OF A REAL FILESYSTEM	United States Of America	20 Jan 2006	11/336421	14 Dec 2006	2006/0282440	07 Oct 2008	7443090
38777-US-CNT	COMPUTER FILE MANAGEMENT SYSTEM	United States Of America	16 May 2006	11/436965	14 Sep 2006	2006/0206450	02 Dec 2008	7461098
38777-US-PAT	COMPUTER FILE MANAGEMENT SYSTEM	United States Of America	03 Apr 2001	09/824252	03 Oct 2002	2002/0143795	16 May 2006	7461098
38780-CA-PAT [2]	SYSTEM FOR SUPPRESSING WIND NOISE	Canada	18 Feb 2004	2458428	21 Aug 2004	2458428	15 May 2012	2458428
38780-CN-PAT	SYSTEM FOR SUPPRESSING WIND NOISE	China	23 Feb 2004	200410004563.4			11 Jun 2008	200410004563.4
38780-CN-PAT [2]	SYSTEM FOR SUPPRESSING WIND NOISE	China	23 Feb 2004	200410004564.9			18 Apr 2008	200410004564.9
38780-DE-EPA	SYSTEM FOR SUPPRESSING WIND NOISE	Germany	19 Feb 2004	04003811.9	25 Aug 2004	1450354	21 Jun 2006	602004001241.6
38780-DE-EPA [2]	SYSTEM FOR SUPPRESSING WIND NOISE	Germany	18 Feb 2004	04003675.8	26 Aug 2004	1450353	02 Aug 2006	602004001694.2
38780-EP-EPA	SYSTEM FOR SUPPRESSING WIND NOISE	European Procedure	18 Feb 2004	04003811.9	25 Aug 2004	1450354	21 Jun 2006	1450354
38780-EP-EPA [2]	SYSTEM FOR SUPPRESSING WIND NOISE	European Procedure	18 Feb 2004	04003675.8	25 Aug 2004	1450353	02 Aug 2006	1450353
38780-FR-EPA	SYSTEM FOR SUPPRESSING WIND NOISE	France	19 Feb 2004	05006187.0	25 Aug 2004	1450354	21 Jun 2006	1450354
38780-FR-EPA [2]	SYSTEM FOR SUPPRESSING WIND NOISE	France	18 Feb 2004	04003675.8	25 Aug 2004	1450353	02 Aug 2006	1450353
38780-GB-EPA	SYSTEM FOR SUPPRESSING WIND NOISE	United Kingdom	19 Feb 2004	04003811.9	25 Aug 2004	1450354	21 Jun 2006	1450354
38780-GB-EPA [2]	SYSTEM FOR SUPPRESSING WIND NOISE	United Kingdom	18 Feb 2004	04003675.8	25 Aug 2004	1450353	02 Aug 2006	1450353
38780-IT-EPA	SYSTEM FOR SUPPRESSING WIND NOISE	Italy	19 Feb 2004	04003811.9	25 Aug 2004	1450354	21 Jun 2006	1450354
38780-IT-EPA [2]	SYSTEM FOR SUPPRESSING WIND NOISE	Italy	18 Feb 2004	04003675.8	25 Aug 2004	1450353	02 Aug 2006	1450353
38780-JP-PAT	SYSTEM FOR SUPPRESSING WIND NOISE	Japan	20 Feb 2004	2004-045524	09 Sep 2004	2004-254329	06 Feb 2009	4256280
38780-KR-PAT	SYSTEM FOR SUPPRESSING WIND NOISE	South Korea / Republic of	20 Feb 2004	10-2004-0011353	30 Aug 2004	10-2004-0075771	06 May 2011	18-1034831
38780-KR-PAT [2]	SYSTEM FOR SUPPRESSING WIND NOISE	South Korea / Republic of	21 Feb 2004	10-2004-0011708	30 Aug 2004	10-2004-0075787	24 Jun 2011	10-1045027
38780-US-CIP	SYSTEM FOR SUPPRESSING WIND NOISE	United States Of America	16 Oct 2003	10/688602	26 Aug 2004	2004/0167777	22 Sep 2012	7995036
38780-US-CIP [2]	SIGNATURE NOISE REMOVAL	United States Of America	30 Nov 2006	11/607340	05 Apr 2007	2007/0078649	16 Sep 2012	8271279
38780-US-CNT	SYSTEM FOR SUPPRESSING WIND NOISE	United States Of America	12 Oct 2010	12/902503	03 Feb 2011	2011/0026734	24 Apr 2012	8166875
38780-US-CNT [2]	METHOD AND APPARATUS FOR SUPPRESSING WIND NOISE	United States Of America	25 Jan 2011	13/013358	26 May 2011	2011/0123044		
38780-US-PAT	WIND NOISE SUPPRESSION SYSTEM	United States Of America	31 Aug 2012	13/601314	20 Dec 2012	2012/0321095		
38780-US-PRV	SYSTEM FOR SUPPRESSING WIND NOISE	United States Of America	10 Apr 2003	60/449511	26 Aug 2004	2004/0165736	08 Feb 2011	7883420
38781-CA-PAT	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	Canada	21 Feb 2005	2501989			26 Jul 2011	2501989
38781-CA-PAT	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	Germany	23 Mar 2005	05006440.1	26 Sep 2005	1560730	03 Sep 2008	602005009419.9
38781-DE-EPA	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	European Procedure	23 Mar 2005	05006440.1	26 Sep 2005	1560730	03 Sep 2008	1560730
38781-EP-EPA	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	France	23 Mar 2005	05006440.1	26 Sep 2005	1560730	03 Sep 2008	1560730
38781-FR-EPA	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	United Kingdom	23 Mar 2005	05006440.1	26 Sep 2005	1560730	03 Sep 2008	1560730
38781-GB-EPA	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	Italy	23 Mar 2005	05006440.1	26 Sep 2005	1560730	03 Sep 2008	1560730
38781-IT-EPA	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	United States Of America	21 Mar 2005	11/085825	08 Feb 2006	2006/0031086	17 Nov 2009	7620546
38781-US-PAT	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	United States Of America	23 Mar 2004	60/554582				
38781-US-PRV	ISOLATING VOICE SIGNALS UTILIZING NEURAL NETWORKS	United States Of America	23 Mar 2004	60/554582				
38782-CA-PAT	MINIMIZATION OF TRANSIENT NOISES IN A VOICE SIGNAL	Canada	06 Oct 2008	2562981	17 Apr 2007	2562981		
38782-US-CIP	MINIMIZATION OF TRANSIENT NOISES IN A VOICE SIGNAL	United States Of America	17 Oct 2005	11/252160	11 May 2006	2006/0100868	25 May 2010	7726315
38783-CA-PAT	SYSTEM FOR SUPPRESSING RAIN NOISE	Canada	07 Dec 2005	2529594	08 Jun 2008	2529594		
38783-US-CIP	SYSTEM FOR SUPPRESSING RAIN NOISE	United States Of America	08 Dec 2004	11/006936	26 May 2006	2006/0114128	24 May 2011	7949522
38783-US-CNT	SYSTEM FOR SUPPRESSING RAIN NOISE	United States Of America	18 May 2011	13/111274	17 Nov 2011	2011/0282660	12 Feb 2013	8371855
38784-US-CIP	REPETITIVE TRANSIENT NOISE REMOVAL	United States Of America	13 Jan 2006	11/331806	01 Jun 2006	2006/0116873	06 Dec 2011	8073689
38784-US-CNT	REPETITIVE TRANSIENT NOISE REMOVAL	United States Of America	30 Nov 2011	13/307615	29 Mar 2012	2012/0076315	04 Dec 2012	8266621
38785-CA-PAT	NETWORK DEPENDENT SIGNAL PROCESSING	Canada	05 Jul 2006	2551505	28 Jan 2007	2551505	08 Sep 2012	23551505
38785-CN-PAT	NETWORK DEPENDENT SIGNAL PROCESSING	China	21 Jul 2006	200610107734.5	14 Feb 2007	1913821	08 Feb 2012	200610107734.5
38785-EP-EPA	NETWORK DEPENDENT SIGNAL PROCESSING	European Procedure	11 Jul 2006	2006101468.6	31 Jan 2007	1748633		
38785-KR-PAT	NETWORK DEPENDENT SIGNAL PROCESSING	South Korea / Republic of	21 Jul 2006	10-2006-0068276	01 Feb 2007	10-2007-0014360	02 May 2013	1362381

Case reference	Title	Country	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number
38785-US-PAT	NETWORK DEPENDENT SIGNAL PROCESSING	United States Of America	02 Sep 2005	11/218742	01 Feb 2007	2007/0025261	25 May 2010	7724693
38785-US-PRV	NETWORK DEPENDENT SIGNAL PROCESSING	United States Of America	28 Jul 2005	60/704065				
38786-US-PAT	PERIODIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	26 Oct 2004	10/973375	27 Apr 2006	2006/0089354	16 Mar 2010	7860852
38787-EP-EPA	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	Canada	24 Aug 2005	25/16681	28 Feb 2006	2006/0016881		
38787-EP-EPA	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	European Procedure	30 Aug 2005	05018844.0	21 Apr 2010	1655253		
38787-EP-EPO	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	India	22 May 2013	13/16688.3				
38787-IN-PAT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	South Korea / Republic of	30 Aug 2005	1213/CHE/2005	27 Jul 2007	1213/CHE/2005	25 Jan 2013	1328708
38787-US-PAT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	United States Of America	05 Nov 2010	12/940162	19 May 2006	10-2006-0050330	17 Jan 2012	8038246
38787-US-CNT	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	United States Of America	14 Dec 2011	13/328008	03 Mar 2011	2011/0050688	09 Apr 2013	8416235
38787-US-CNT 21	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	United States Of America	08 Apr 2013	13/328008	11 Oct 2012	2012/0236830		
38787-US-CNT 31	METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHIC LAYERS	United States Of America	09 Apr 2013	13/328008	29 Aug 2013	2013/0223362	09 Nov 2010	7830372
38788-CA-PAT	REVERBERATION ESTIMATION AND SUPPRESSION SYSTEM	Canada	30 Aug 2004	10/324898	02 Mar 2006	2006/0046164	25 Jan 2013	12527461
38788-KR-PAT	REVERBERATION ESTIMATION AND SUPPRESSION SYSTEM	South Korea / Republic of	01 Dec 2005	10-2005-0116299	07 Jun 2006	10-2006-0061259	10 Aug 2007	0750440
38788-US-PAT	REVERBERATION ESTIMATION AND SUPPRESSION SYSTEM	United States Of America	01 Dec 2004	11/202328	01 Jun 2006	2006/0115095	09 Oct 2012	8284947
38789-US-CNT	SYSTEM FOR SUPPRESSING PASSING TIRE HIS	United States Of America	01 Sep 2011	13/223863	22 Dec 2011	2011/0311088	27 Aug 2013	8521821
38789-US-PAT	SYSTEM FOR SUPPRESSING PASSING TIRE HIS	International Procedure	08 May 2005	11/125052	08 Nov 2006	2006/0251266	27 Sep 2011	8027833
38789-WO-PCT	SYSTEM FOR SUPPRESSING PASSING TIRE HIS	Canada	13 Apr 2006	PCT/CA2006/0005	16 Nov 2006	2006/119806		
38790-CA-PAT	SYSTEM FOR ADAPTIVE ENHANCEMENT OF SPEECH SIGNALS	Canada	09 Jun 2006	25/49744	28 Dec 2006	2006/0339744		
38790-CA-PAT	SYSTEM FOR ADAPTIVE ENHANCEMENT OF SPEECH SIGNALS	Germany	20 Jun 2006	2006/01093086.2	30 May 2007	19371711	18 Jul 2012	2006/01093086.2
38790-DE-EPA	SPEECH SIGNAL ENHANCEMENT	European Procedure	13 Jun 2006	06012166.2	03 Jan 2007	1739637	09 Jan 2013	802006340613
38790-EP-EPA	SPEECH SIGNAL ENHANCEMENT	France	13 Jun 2006	06012166.2	03 Jan 2007	1739637	09 Jan 2013	1739637
38790-FR-EPA	SPEECH SIGNAL ENHANCEMENT	United Kingdom	13 Jun 2006	06012166.2	03 Jan 2007	1739637	09 Jan 2013	1739637
38790-GB-EPA	SPEECH SIGNAL ENHANCEMENT	United States Of America	13 Jun 2006	06012166.2	03 Jan 2007	1739637	09 Jan 2013	1739637
38791-CA-DIV	VEHICLE STATE BASED PARAMETER ADJUSTMENT SYSTEM	Canada	28 Jun 2005	11/467955	26 Dec 2006	2006/0283982	22 Oct 2013	8668086
38791-CA-PAT	VEHICLE STATE BASED PARAMETER ADJUSTMENT SYSTEM	United States Of America	16 Dec 2005	2530849	06 Jul 2006	2530849	03 Jul 2012	2530849
38791-US-DIV	VEHICLE STATE BASED PARAMETER ADJUSTMENT SYSTEM	United States Of America	07 Oct 2010	12/889932	03 Feb 2011	2011/0029196	26 Mar 2013	8406822
38791-US-PAT	VEHICLE STATE BASED PARAMETER ADJUSTMENT SYSTEM	United States Of America	06 Jan 2005	11/031373	06 Jul 2006	2006/0145537	12 Oct 2010	7618771
38792-CA-PCT	SYSTEM FOR IMPROVING SPEECH QUALITY AND INTELLIGIBILITY	Canada	23 Mar 2006	2604855			02 Jul 2013	2604855
38792-CA-PCT	SYSTEM FOR IMPROVING SPEECH QUALITY AND INTELLIGIBILITY	China	23 Mar 2006	2006/0013216.5	16 Apr 2008	101164104	04 Nov 2008	2006/0013216.5
38792-EP-EPT	SYSTEM FOR IMPROVING SPEECH QUALITY AND INTELLIGIBILITY WITH BANDWIDTH COMPRESSION EXPANSION	European Procedure	23 Mar 2006	06/21706.7	02 Jan 2008	1872365	25 Mar 2011	4707739
38792-JP-PCT	SYSTEM FOR IMPROVING SPEECH QUALITY AND INTELLIGIBILITY WITH BANDWIDTH COMPRESSION EXPANSION	Japan	23 Mar 2006	2006-506891	11 Sep 2008	2008-6587174	12 Oct 2010	7813931
38792-WO-PAT	SYSTEM FOR IMPROVING SPEECH QUALITY AND INTELLIGIBILITY WITH BANDWIDTH COMPRESSION EXPANSION	United States Of America	20 Apr 2005	11/110566	02 Nov 2006	2006/0247922		
38793-US-PAT	DYNAMIC REAL-TIME CROSS-FADING OF VOICE PROMPTS	International Procedure	23 Mar 2006	PCT/CA2006/0004	23 Sep 2007	2006/110890		
38793-US-PAT	DYNAMIC REAL-TIME CROSS-FADING OF VOICE PROMPTS	United States Of America	26 May 2005	11/139928	30 Nov 2006	2006/0271372	04 Aug 2008	7671104
38793-WO-PCT	DYNAMIC REAL-TIME CROSS-FADING OF VOICE PROMPTS	Canada	23 May 2006	PCT/CA2006/0008	23 Nov 2007	2006/125308		
38794-CA-PAT	FREQUENCY EXTENSION OF HARMONIC SIGNALS	Canada	19 Jun 2006	2550654	28 Dec 2006	2550654	13 Aug 2013	2550654
38794-CN-PAT	SYSTEM AND METHOD OF EXTENDING HARMONICS OF A BAND-LIMITED HARMONIC SIGNAL	China	23 Jun 2006	2006/01093177.6	10 Jan 2007	1893412	26 Sep 2012	2006/01093177.6
38794-DE-EPA	FREQUENCY EXTENSION OF HARMONIC SIGNALS	Germany	23 Jun 2006	06013022.5	03 Jan 2007	1739638	24 Mar 2010	692006013070.8
38794-EP-EPA	FREQUENCY EXTENSION OF HARMONIC SIGNALS	European Procedure	23 Jun 2006	06013022.5	03 Jan 2007	1739638	24 Mar 2010	1739638
38794-GB-EPA	FREQUENCY EXTENSION OF HARMONIC SIGNALS	France	23 Jun 2006	06013022.5	03 Jan 2007	1739638	24 Mar 2010	1739638
38794-IT-EPA	FREQUENCY EXTENSION OF HARMONIC SIGNALS	United Kingdom	23 Jun 2006	06013022.5	03 Jan 2007	1739638	24 Mar 2010	1739638
38794-US-PAT	FREQUENCY EXTENSION OF HARMONIC SIGNALS	United States Of America	23 Jun 2006	06013022.5	28 Dec 2006	2006/0259316	13 Nov 2012	8311840
38795-CA-PAT	PERIODIC SIGNAL ENHANCEMENT SYSTEM	Canada	24 Oct 2005	2524162	26 Apr 2006	2524162	11 Jan 2011	2524162
38795-KR-PAT	PERIODIC SIGNAL ENHANCEMENT SYSTEM	South Korea / Republic of	28 Oct 2005	10-2005-0101336	18 May 2006	10-2006-0049382	27 Aug 2007	0754156
38796-US-CIP	PERIODIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	08 Apr 2005	11/102251	27 Apr 2006	2006/0089859	27 Oct 2009	7610198
38796-US-CIP	PERIODIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	08 Apr 2005	11/101796	11 May 2006	2006/0098939	01 May 2012	8170879
38797-US-PAT	SYSTEM FOR ASYNCHRONOUS MESSAGING	United States Of America	03 Jun 2005	11/144105	17 Aug 2006	2006/0182137	16 Jan 2009	7649151
38797-US-PRV	SYSTEM FOR ASYNCHRONOUS MESSAGING	United States Of America	13 Feb 2006	60/662929				
38798-US-PAT	ADAPTIVE GAIN CONTROL SYSTEM	United States Of America	16 May 2005	11/130080	04 Jan 2007	2006/0030778	14 Feb 2012	8116485
38798-WO-PCT	ADAPTIVE GAIN CONTROL SYSTEM	International Procedure	19 Apr 2006	PCT/CA2006/0006	18 Oct 2007	2007/002389		
38799-1-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	Canada	24 May 2006	2547829	03 Dec 2006	2547829		

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38799-1-CN-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	China	01 Jun 2006	200610085515.7	20 Dec 2006	1861944	09 Oct 2013	200610085515.7
38799-1-KR-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	South Korea / Republic of	01 Jun 2006	10-2006-0049351				
38799-1-US-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	United States Of America	03 Jun 2006	11/144327	07 Dec 2006	020672884		
38799-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	Canada	24 May 2006	25477880	07 Dec 2006	25477880		
38799-CN-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	China	01 Jun 2006	200610085516.1	26 Dec 2006	1861945	04 Jul 2012	200610085516.1
38799-KR-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	South Korea / Republic of	01 Jun 2006	10-2006-0049352	07 Dec 2006	10-2006-0126374		
38799-US-CNT	DISTRIBUTED KERNEL OPERATING SYSTEM	United States Of America	25 Oct 2010	12/811506	10 Feb 2011	2011.0035502	13 Dec 2011	8078716
38799-US-CNT 21	DISTRIBUTED KERNEL OPERATING SYSTEM	United States Of America	09 Nov 2011	13/289201	12 Jul 2012	2012.0179777	26 Feb 2013	8365866
38799-US-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	United States Of America	03 Jun 2005	11/145693	07 Dec 2006	020672885	23 Nov 2010	7846982
38800-CA-PAT	SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM INITIALIZATION	Canada	26 May 2006	25483509	07 Dec 2006	25483509	04 Dec 2012	25483509
38800-EP-EPA	SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM INITIALIZATION	European Procedure	01 Jun 2006	06011406.3	27 Dec 2006	1735897.1	05 Aug 2013	1296447
38800-KR-PAT	SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM INITIALIZATION	South Korea / Republic of	01 Jun 2006	10-2006-0049348	07 Dec 2006	10-2006-0126372		
38800-US-PAT	SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM INITIALIZATION	United States Of America	03 Jun 2005	11/145373	14 Sep 2006	2538563	02 Dec 2008	7461247
38801-CA-PAT	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF PROCESS THREADS	Canada	01 Mar 2006	2538563.3				
38801-EP-EPA	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF PROCESS THREADS	European Procedure	03 Mar 2006	06004378.3	06 Apr 2011	2306311		
38801-EP-EPO	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF PROCESS THREADS	India	30 Sep 2019	10184621.0				
38801-JR-PAT	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	South Korea / Republic of	13 Mar 2008	450/CHE/2006				
38801-KR-PAT	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF PROCESS THREADS	United States Of America	22 Dec 2006	11/317468	27 Sep 2007	2007.0226739	30 Apr 2013	8434086
38801-US-CIP	ADAPTIVE PARTITIONING SCHEDULER FOR MULTIPROCESSING SYSTEM	United States Of America	28 Feb 2006	12/039678	14 Aug 2006	2006.0196031	14 Aug 2012	8245330
38801-US-CIP 21	ADAPTIVE PARTITIONING SCHEDULER FOR MULTIPROCESSING SYSTEM	United States Of America	07 Apr 2008	12/098972	25 Sep 2008	2008.0235701		
38801-US-CNT 21	PROCESS SCHEDULER EMPLOYING ORDERING FUNCTION TO SCHEDULE THREADS RUNNING IN MULTIPLE	United States Of America	23 Dec 2010	12/978083	05 May 2011	2011.0107342		
38801-US-CNT 31	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	United States Of America	25 Feb 2013	13/776465				
38801-US-CNT 41	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF PROCESS THREADS	United States Of America	29 Apr 2013	13/872865	19 Sep 2013	2013.0247066	23 Nov 2010	7840866
38801-US-DIV	PROCESS SCHEDULER EMPLOYING ADAPTIVE PARTITIONING OF CRITICAL PROCESS THREADS	United States Of America	08 Mar 2006	11/371636	14 Aug 2006	2006.0206881	11 Jan 2011	7870554
38801-US-DIV 21	PROCESS SCHEDULER EMPLOYING ORDERING FUNCTION TO SCHEDULE THREADS RUNNING IN MULTIPLE	United States Of America	08 Mar 2006	11/371639	15 Mar 2007	2007.0061788		
38801-US-PAT	PROCESS SCHEDULER HAVING MULTIPLE ADAPTIVE PARTITIONS ASSOCIATED WITH PROCESS THREADS	United States Of America	31 Aug 2005	11/216795	14 Sep 2006	020670506867	26 Feb 2013	8367052
38801-US-PAT 21	ADAPTIVE PARTITIONING FOR OPERATING SYSTEM	United States Of America	14 Mar 2005	60/662070				
38802-US-PAT	SYSTEM FOR EMPLOYING FAST BOOTING OF APPLICATION PROGRAMS	United States Of America	21 Mar 2006	11/385253	14 Dec 2006	2006.0282654	15 Sep 2009	7580839
38803-US-PRV	SYSTEM FOR EMPLOYING FAST BOOTING OF APPLICATION PROGRAMS	United States Of America	22 Mar 2006	60/664424				
38803-US-PAT	IN SITU VOICE REINFORCEMENT SYSTEM	United States Of America	22 Nov 2005	11/287089	24 May 2007	2007.0118360		
38803-US-PAT	SIGNAL PROCESSING SYSTEM FOR TONAL NOISE ROBUST TO NOISE	United States Of America	13 Dec 2005	11/301676	14 Jun 2007	2007.0136055		
38803-CA-PAT	SIGNAL PROCESSING SYSTEM FOR TONAL NOISE ROBUSTNESS	Canada	12 Apr 2006	2607169	23 Nov 2006	2607169		
38803-US-PAT	SIGNAL PROCESSING SYSTEM FOR TONAL NOISE ROBUSTNESS	United States Of America	17 May 2006	11/313150	23 Nov 2006	2006.0265315	27 Aug 2013	8520861
38803-WO-PCT	SIGNAL PROCESSING SYSTEM FOR TONAL NOISE ROBUSTNESS	International Procedure	12 Apr 2006	PCT/CA2006/0005	12 Oct 2007	2006.122388		
38806-CA-PCT	SPEECH END-POINTER	Canada	03 Apr 2006	2575632			08 Jan 2013	2575632
38806-CN-PCT	SPEECH END-POINTER	China	03 Apr 2006	20060000746.5	05 Sep 2007	101031958		
38806-EP-EPT	SPEECH END-POINTER	European Procedure	03 Apr 2006	06/217366.1	11 Apr 2007	1717840	16 May 2012	20060000746.5
38806-JR-PCT	SPEECH END-POINTER	Japan	14 Dec 2010	2010-278673	02 Jun 2011	2011-107715	02 Aug 2013	5337184
38806-US-CIP	SPEECH END-POINTER	United States Of America	03 Apr 2006	2007-324151	21 Mar 2008	2008-308364		
38806-US-CIP 21	SYSTEM FOR DETECTING SPEECH WITH BACKGROUND VOICE ESTIMATES AND NOISE ESTIMATES	United States Of America	18 May 2007	11/804833	13 Dec 2007	2007.0288238	24 Apr 2012	8166880
38806-US-CNT	SPEECH END-POINTER	United States Of America	26 Mar 2008	12/037376	18 Sep 2008	2008.0228478	13 Nov 2012	8311819
38806-US-CNT 21	SYSTEM FOR DETECTING SPEECH WITH BACKGROUND VOICE ESTIMATES AND NOISE ESTIMATES	United States Of America	25 Apr 2012	13/456866	18 Oct 2012	2012.0265330	08 Oct 2013	8354564
38806-US-PAT	SPEECH END-POINTER	United States Of America	15 Jun 2005	11/1568003	29 Nov 2012	2012.0303866	04 Jun 2013	8457961
38806-WO-PCT	SPEECH END-POINTER	International Procedure	03 Apr 2006	PCT/CA2006/0005	21 Dec 2006	2006.0287859	01 May 2012	8170875
38807-CA-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN A STORAGE MEDIA	Canada	09 Jun 2006	2549317	01 Jan 2007	2549317	20 Aug 2013	2549317
38807-CN-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	China	23 Jun 2006	200610093380.8	20 Jun 2007	1983286	23 Jan 2013	200610093380.8
38807-DE-EPA	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	Germany	22 Jun 2006	06012872.5	03 Jan 2007	1739335	23 Jan 2013	1739335
38807-EP-EPA	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	European Procedure	22 Jun 2006	06012872.5	03 Jan 2007	1739335	23 Jan 2013	1739335
38807-FR-EPA	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	France	22 Jun 2006	06012872.5	03 Jan 2007	1739335	23 Jan 2013	1739335
38807-US-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	United Kingdom	22 Jun 2006	06012872.5	03 Jan 2007	1739335	23 Jan 2013	1739335
38807-US-PAT	FILE SYSTEM STORING TRANSACTION RECORDS IN FLASH-LIKE MEDIA	United States Of America	01 Jul 2005	11/173934	04 Jan 2007	2007.0005874		

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38808-CA-PAT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	Canada	07 May 2013	2618472	01 Jan 2007	2650974	17 Apr 2013	602006035683 8
38808-CA-PAT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	Canada	07 May 2013	2650974	01 Jan 2007	2650974	17 Apr 2013	602006035683 8
38808-DE-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	Germany	22 Jun 2006	06012874.1	17 Jan 2007	1744247	17 Apr 2013	1744247
38808-EP-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	European Procedure	22 Jun 2006	06012874.1	17 Jan 2007	1744247	17 Apr 2013	1744247
38808-FR-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	France	22 Jun 2006	06012874.1	17 Jul 2007	1744247	17 Apr 2013	1744247
38808-GB-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	United Kingdom	22 Jun 2006	06012874.1	17 Jul 2007	1744247	17 Apr 2013	1744247
38808-NL-EPA	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	Netherlands	22 Jun 2006	06012874.1	17 Jul 2007	1744247	17 Apr 2013	1744247
38808-US-CNT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	United States Of America	01 Dec 2010	12/357399	24 Mar 2011	2011/0072061	01 Nov 2011	8051114
38808-US-CNT [E]	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	United States Of America	30 Aug 2011	13/221502	22 Dec 2011	2011/0313983	28 Jun 2011	7970803
38808-US-PAT	OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY	United States Of America	01 Jul 2006	11/173798	04 Jan 2007	2007/0005680	02 Apr 2013	8412752
38809-US-CNT	FILE SYSTEM HAVING TRANSACTION RECORD COALESCING	United States Of America	29 Nov 2010	12/395524	24 Mar 2011	2011/0072060	18 Jan 2011	7873883
38809-US-PAT	FILE SYSTEM HAVING TRANSACTION RECORD COALESCING	United States Of America	09 Jun 2006	11/450141	04 Jan 2007	2007/0005682	13 Apr 2013	7698495
38809-US-PRV	DYNAMIC DE FRAGMENTATION OF LOG-STRUCTURED OR TRANSACTION FILE SYSTEMS	United States Of America	01 Jul 2005	60/595441	04 Jan 2007	2007/0005694	13 Apr 2013	7698495
38810-US-PAT	COMPUTER SYSTEM HAVING LOGICALLY ORDERED CACHE MANAGEMENT	United States Of America	09 Jun 2006	11/450140	04 Jan 2007	2007/0005694	13 Apr 2013	7698495
38810-US-PRV	FILE SYSTEM HAVING TRANSACTION RECORD COALESCING	United States Of America	01 Jul 2005	60/595441	04 Jan 2007	2007/0005694	13 Apr 2013	7698495
38811-US-PAT	ELIMINATION OF REDUNDANT ERROR-CORRECTING CODES IN FLASH MEMORY STORAGE MANAGEMENT	United States Of America	28 Jun 2006	11/478224	17 May 2007	2007/0113120	27 Apr 2013	7707480
38812-DE-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	Canada	07 Jun 2006	06012871.7	01 Jan 2007	2545694	17 Apr 2013	602006035681 1
38812-EP-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	European Procedure	22 Jun 2006	06012871.7	17 Jan 2007	1744246	17 Apr 2013	1744246
38812-FR-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	France	22 Jun 2006	06012871.7	17 Jan 2007	1744246	17 Apr 2013	1744246
38812-GB-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	United Kingdom	22 Jun 2006	06012871.7	17 Jan 2007	1744246	17 Apr 2013	1744246
38812-NL-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	Netherlands	22 Jun 2006	06012871.7	17 Jan 2007	1744246	17 Apr 2013	1744246
38812-US-PAT	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	United States Of America	01 Jul 2005	11/173808	04 Jan 2007	2007/0005614	05 Oct 2010	7909777
38813-CA-PAT	FILE SYSTEM HAVING INVERTED HIERARCHICAL STRUCTURE	Canada	23 Jun 2006	2650871	01 Jan 2007	2650871	13 Aug 2013	2650871
38813-EP-EPA	FILE SYSTEM HAVING DEFERRED VERIFICATION OF DATA INTEGRITY	European Procedure	23 Jun 2006	06012983.0	03 Jan 2007	1739675	03 Jan 2007	1739675
38814-CA-PAT	FILE SYSTEM HAVING INVERTED HIERARCHICAL STRUCTURE	United States Of America	01 Jul 2005	11/173845	04 Jan 2007	2007/0005614	03 Jan 2007	1739675
38814-JP-PAT	ADVANCED PERIODIC SIGNAL ENHANCEMENT	Canada	15 Dec 2006	2571417	23 Jun 2007	2571417	23 Jun 2007	2571417
38814-US-CIP	ADVANCED PERIODIC SIGNAL ENHANCEMENT	Japan	15 Dec 2006	2006-316581	05 Jul 2007	2007-171981	11 May 2013	7716046
38815-EP-EPA	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	United States Of America	23 Dec 2005	11/317762	22 Jun 2006	2006/0196199	19 Feb 2013	2569221
38815-JP-DIV	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	Canada	29 Nov 2006	06024650.1	09 Jun 2007	2569221	09 Jun 2007	2569221
38815-JP-PAT	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	European Procedure	01 Feb 2011	20254	21 Jul 2011	2011-141551	27 Jun 2008	0843926
38815-KR-PAT	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	Japan	29 Nov 2006	2006-321498	28 Jun 2007	2007-164169	27 Dec 2011	8086451
38815-US-CIP	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	South Korea / Republic of	30 Nov 2006	10-2006-0119849	13 Jun 2007	10-2007-0061360	10 Jul 2012	8219389
38815-US-CIP	SYSTEM FOR IMPROVING SPEECH INTELLIGIBILITY THROUGH HIGH FREQUENCY COMPRESSION	United States Of America	09 Dec 2011	11/289653	26 Oct 2012	2012/0095759	15 Jan 2013	2569223
38816-CA-PAT	ADAPTIVE FILTER FOR PITCH EXTRACTION	United States Of America	23 Dec 2011	13/358149	09 Jun 2007	2569223	07 Jan 2009	1786078
38816-DE-EPA	ADAPTIVE FILTER FOR PITCH EXTRACTION	Canada	29 Nov 2006	06024653.5	09 Jun 2007	2569223	07 Jan 2009	1786078
38816-EP-EPA	ADAPTIVE FILTER FOR PITCH EXTRACTION	European Procedure	28 Nov 2006	06024653.5	13 Jun 2007	1786078	07 Jan 2009	1786078
38816-FR-EPA	ADAPTIVE FILTER FOR PITCH EXTRACTION	France	28 Nov 2006	06024653.5	13 Jun 2007	1786078	07 Jan 2009	1786078
38816-GB-EPA	ADAPTIVE FILTER FOR PITCH EXTRACTION	United Kingdom	28 Nov 2006	06024653.5	13 Jun 2007	1786078	07 Jan 2009	1786078
38816-US-CIP	ADAPTIVE FILTER FOR PITCH EXTRACTION	United States Of America	09 Dec 2005	11/289652	05 May 2006	2006/0095256	03 Apr 2012	8150882
38817-CA-PAT	BANDWIDTH EXTENSION OF NARROWBAND SPEECH	United States Of America	11 May 2011	13/105612	10 Nov 2011	2011/0276324	05 Feb 2013	2570750
38817-CN-PAT	BANDWIDTH EXTENSION OF NARROWBAND SPEECH	Canada	25 Dec 2006	26507050	23 Jun 2007	26507050	05 Feb 2013	2570750
38817-US-PAT	BANDWIDTH EXTENSION OF NARROWBAND SPEECH	China	25 Dec 2006	2006/01698950.2	27 Jun 2007	2688565	09 Jun 2008	7546237
38818-CA-PAT	CLOCK SYNCHRONIZATION OF DATA STREAMS	United States Of America	03 Dec 2005	11/317761	28 Jun 2007	2007/0150269	02 Feb 2010	7567868
38818-US-PAT	CLOCK SYNCHRONIZATION OF DATA STREAMS	Canada	16 Aug 2006	11/507448	16 Feb 2008	2008/0048276	15 Nov 2011	2646473
38819-CA-PAT	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	United States Of America	20 Oct 2006	2646473	28 Apr 2007	2646473	08 May 2009	0693976
38819-IN-PAT	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	India	22 Jul 2008	13/320475	11 Sep 2008	2008-0082564	16 May 2010	7680096
38819-KR-DIV	SYSTEM FOR CONFIGURING SWITCHES IN A NETWORK	South Korea / Republic of	22 Oct 2008	11/262384	03 May 2007	2007/0097881	24 Jul 2012	2598434
38821-CA-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	United States Of America	08 Aug 2007	2598434	25 Feb 2008	2598434	24 Jul 2012	2598434

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38821-EP-EPA	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	European Procedure	09 Aug 2007	07015731.8	05 Mar 2008	1895394		
38821-IN-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	India	16 Aug 2007	1827/CHE/2007				
38821-US-PAT	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	United States Of America	26 Aug 2006	11/510174	28 Feb 2008	0052329	06 Oct 2008	7599972
38821-US-REX	FILE SYSTEM HAVING VARIABLE LOGICAL STORAGE BLOCK SIZE	United States Of America	26 Oct 2007	90/011299			05 Jun 2012	7599972
38822-CA-PAT	SYSTEM EXECUTING A FAST BOOT WAKE-UP	Canada	27 Apr 2007	2585540	04 Nov 2007	2585540	02 Oct 2012	2585540
38822-IN-PAT	SYSTEM EXECUTING A FAST BOOT WAKE-UP	India	27 Apr 2007	905/CHE/2007				
38822-US-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	United States Of America	04 May 2006	11/418481	06 Nov 2007	0560867	24 Nov 2009	7624260
38823-CA-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	Canada	22 Aug 2007	2508349				
38823-CN-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	China	20 Aug 2007	200710146523.7	03 Sep 2008	101265866		
38823-EP-EPA	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	European Procedure	17 Aug 2007	07015910.8	05 Mar 2008	18866434	05 Apr 2013	265934
38823-IN-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	India	13 Aug 2007	1839/CHE/2007				
38823-US-PAT	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	United States Of America	31 Aug 2006	60/841659	06 Mar 2008	0059510		
38823-US-PRV	TRANSIENT NOISE REMOVAL SYSTEM USING WAVELETS	United States Of America	30 Jan 2007	11/699709	31 Jul 2008	2008/0183466	11 Jan 2011	7869994
38825-US-CIP	SUB-BAND PERIODIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	04 Jun 2007	11/527768	03 Jan 2008	2008/0004868	06 Nov 2012	8306821
38826-CA-PAT	ROBUST NOISE ESTIMATION	Canada	18 Apr 2007	2585525	12 Nov 2007	2585525	16 Oct 2012	2585525
38826-EP-EPA	ENHANCEMENT SYSTEM AND METHOD FOR ESTIMATING NOISE FROM RECEIVED SIGNAL	China	08 May 2007	200710102993.3	14 Nov 2007	18858272	30 Nov 2011	250710102993.3
38826-US-CNT1	ROBUST NOISE ESTIMATION	European Procedure	30 Apr 2007	07008731.1				
38826-US-CNT2	ROBUST NOISE ESTIMATION	United States Of America	17 Nov 2010	12/948121	12 Mar 2011	2011/0086450	13 Dec 2011	8078461
38826-US-CNT3	ROBUST NOISE ESTIMATION	United States Of America	09 Dec 2011	13/015636	29 Mar 2012	2012/0078620	04 Sep 2012	8628012
38826-US-CNT4	VOICE ACTIVITY DETECTOR	United States Of America	13 Aug 2012	13/584076	29 Nov 2012	2012/0503367	12 Feb 2013	8374861
38826-US-PAT	ROBUST NOISE ESTIMATION	United States Of America	22 Dec 2008	11/644414	15 Nov 2007	2007/0285843	30 Nov 2010	7544453
38826-US-PRV	ROBUST NOISE ESTIMATION	United States Of America	12 May 2008	60/800221				
38827-US-CNT	FILESYSTEM HAVING A FILENAME CACHE	United States Of America	03 Dec 2010	12/360197	31 Mar 2011	2011/0078219	26 Jul 2011	75987190
38827-US-CNT2	FILESYSTEM HAVING A FILENAME CACHE	United States Of America	10 Jun 2011	13/158108	06 Oct 2011	2011/0246477	21 Feb 2012	8422176
38827-US-PAT	FILESYSTEM HAVING A FILENAME CACHE	United States Of America	13 Mar 2007	11/717583	18 Sep 2008	0008/0228843	15 Mar 2011	7508276
38827-US-PRV	FILE SYSTEM HAVING A FILE NAME CACHE	United States Of America	28 Aug 2008	60/840654				
38828-CA-PAT	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION OF CONTENT ON DIVERSE MULTIMEDIA DEVICES	Canada	22 Aug 2007	2586312	25 Feb 2008	2586312		
38828-EP-EPA	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION OF CONTENT ON DIVERSE MULTIMEDIA DEVICES	European Procedure	13 Aug 2007	07015915.7	12 Mar 2008	1898932		
38828-US-PAT	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION OF CONTENT ON DIVERSE MULTIMEDIA DEVICES	United States Of America	13 Mar 2007	11/717601	28 Feb 2008	0008/0052323	22 Oct 2013	8565503
38829-US-PRV	MULTIMEDIA FILE SYSTEM HAVING UNIFIED REPRESENTATION OF CONTENT ON DIVERSE MULTIMEDIA DEVICES	United States Of America	01 Sep 2006	60/841804				
38829-US-PAT	DISTRIBUTED INTELLIGIBILITY TESTING SYSTEM	United States Of America	13 Sep 2007	11/854728	19 Mar 2009	2009/0074195	05 Jun 2012	8195453
38831-US-CIP	HIGH FREQUENCY COMPRESSION INTERACTION	United States Of America	22 Dec 2006	11/645079	26 Jul 2007	2007/0174050	21 Aug 2012	8239861
38831-US-PAT	MULTI-CHANNEL PERIODIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	31 Aug 2007	11/849003	24 Jan 2008	2008/0019337	24 Sep 2013	8643390
38832-CA-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE PRIORITIZATION OF SYNCHRONIZATION ORDER	Canada	07 Dec 2007	2613924	14 Jun 2008	2613924		
38832-CN-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE PRIORITIZATION OF SYNCHRONIZATION ORDER	China	10 Dec 2007	200710198862.X	23 Jul 2008	101226550	18 Jul 2012	200710198862.X
38832-IN-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE PRIORITIZATION OF SYNCHRONIZATION ORDER	India	10 Dec 2007	2007/0198862.X				
38832-JP-DIV	SYSTEM FOR ACCESSING MULTIMEDIA FILES FROM STORAGE DEVICES	Japan	15 Nov 2011	2011-249835	31 May 2012	2012-104123	18 Jan 2013	5180350
38832-US-PAT	SYSTEM FOR ACCESSING MULTIMEDIA FILES FROM STORAGE DEVICES	Japan	07 Dec 2007	2007-317757	03 Jul 2008	2008-152772	17 May 2013	5268195
38832-US-PAT	MEDIA SYSTEM HAVING SYNCHRONIZATION WITH PREEMPTIVE PRIORITIZATION OF SYNCHRONIZATION ORDER	United States Of America	04 Dec 2007	11/950227	19 Jun 2008	2008/0147747		
38833-EP-EPA	SYSTEM FOR CHOOSING A MULTIMEDIA FILE	European Procedure	14 Dec 2007	60/875180	03 Jul 2008	2008-162269	13 Aug 2013	8510501
38833-IN-PAT	SYSTEM FOR CHOOSING A MULTIMEDIA FILE	India	13 Dec 2007	2007-352492				
38833-US-PAT	SYSTEM FOR CHOOSING A MULTIMEDIA FILE	United States Of America	29 Nov 2007	11/847386	19 Jun 2008	2008/0147739		
38833-US-PRV	KARAOKE SYSTEM	United States Of America	14 Dec 2006	60/875222	06 May 2010	2010/0107856	19 Apr 2011	7598307
38834-US-PAT	NOISE REDUCTION WITH INTEGRATED TONAL NOISE REDUCTION	United States Of America	03 Nov 2008	12/264190				
38835-US-PAT	NOISE REDUCTION WITH INTEGRATED TONAL NOISE REDUCTION	Canada	23 Jul 2008	2638265	25 Jan 2009	2638265	18 Jun 2013	2638265
38835-US-PRV	NOISE REDUCTION WITH INTEGRATED TONAL NOISE REDUCTION	India	24 Jul 2008	1779/CHE/2008				
38835-US-PAT	NOISE REDUCTION WITH INTEGRATED TONAL NOISE REDUCTION	United States Of America	20 Dec 2007	11/981215	10 Jul 2008	2008/0167670	16 Jul 2013	8483996
38836-US-PRV	SPECTRO-TEMPORAL VARYING APPROACH FOR SPEECH ENHANCEMENT	United States Of America	25 Jul 2007	60/951922				
38836-US-PAT	SPECTRO-TEMPORAL VARYING APPROACH FOR SPEECH ENHANCEMENT	United States Of America	04 Jan 2007	60/863307	10 Jul 2008	2008/0167666	08 Jan 2013	8352267
38836-WO-PCT	SPECTRO-TEMPORAL VARYING APPROACH FOR SPEECH ENHANCEMENT	United States Of America	21 Dec 2007	PCT/US07/78854	17 Jul 2008	2008/096703		
38837-US-CNT	PAST ACOUSTIC CANCELLATION	United States Of America	30 Sep 2011	13/250005	26 Jan 2012	2012/0020496	03 Apr 2012	8150681
38837-US-PAT	PAST ACOUSTIC CANCELLATION	United States Of America	29 Jun 2007	11/771258	13 Nov 2008	2008/0281584	11 Oct 2011	8038873

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38837-US-PAT	FAST ACOUSTIC CANCELLATION	United States Of America	07 May 2007	60/916493	20 May 2008	0208/0285773	21 May 2013	8447044
38838-US-PRV	ADAPTIVE LPC NOISE REDUCTION SYSTEM	United States Of America	17 May 2007	61/804577	06 Aug 2009	0209/0198492	18 Jun 2013	8468019
38839-US-PAT	ADAPTIVE NOISE MODELING SPEECH RECOGNITION SYSTEM	United States Of America	31 Jan 2008	12/023481	22 Sep 2011	2011/0231195	12 Jun 2012	8200499
38840-US-CNT	HIGH-FREQUENCY BANDWIDTH EXTENSION IN THE TIME DOMAIN	United States Of America	18 Mar 2011	13/051725	28 Aug 2008	0208/0208572	22 Mar 2011	7912729
38840-US-PAT	HIGH-FREQUENCY BANDWIDTH EXTENSION IN THE TIME DOMAIN	United States Of America	04 Jun 2007	61/809952	15 Jan 2009	0209/0125700	07 Sep 2010	7798149
38840-US-PRV	HIGH-FREQUENCY BANDWIDTH EXTENSION IN THE TIME DOMAIN	United States Of America	23 Feb 2007	60/929379	26 May 2011	2011/0125983	04 Dec 2012	8327112
38840-WO-PCT	HIGH-FREQUENCY BANDWIDTH EXTENSION IN THE TIME DOMAIN	International Procedure	15 Feb 2008	PCT/CA2008/0003	12 Mar 2009	0209/0070545	29 Mar 2011	7917725
38841-US-PAT	DYNAMIC SILENCE DETECTION AND NOTIFICATION SYSTEM	United States Of America	15 Jan 2008	12/014486	15 Aug 2009	0209/0179774	07 Sep 2010	7791499
38842-US-CNT	PROCESSING SYSTEM HAVING EMBEDDING VARIABLE PAGE SIZE MEMORY ORGANIZATION USING A MULTIPLE PAGE	United States Of America	01 Feb 2011	13/016492	26 May 2011	2011/0125983	04 Dec 2012	8327112
38842-US-PAT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE MEMORY ORGANIZATION USING A MULTIPLE PAGE	United States Of America	11 Sep 2007	61/785351	12 Mar 2009	0209/0070545	29 Mar 2011	7917725
38843-IN-PAT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE MEMORY	India	11 Jul 2008	1639/CH/2008				
38844-US-PAT	PROCESSING SYSTEM IMPLEMENTING VARIABLE PAGE SIZE MEMORY ORGANIZATION	United States Of America	12 Jul 2007	11/776967	15 Jan 2009	0209/0019253	24 Aug 2010	7768859
38845-US-PAT	PROCESSING SYSTEM HAVING A SUPPORTED PAGE SIZE INFORMATION REGISTER	United States Of America	18 Jul 2007	11/776970	22 Jan 2009	0209/0024824	17 Aug 2010	7792114
38846-1-US-PAT	PROCESSING SYSTEM HAVING MULTIPLE PAGE SIZE MEMORY ORGANIZATION WITH MULTIPLE	United States Of America	12 Jul 2007	11/776970	15 Jan 2009	0209/0019254	07 Sep 2010	7793070
38846-1-US-PAT	PROCESSING SYSTEM HAVING MEMORY PARTITIONING	United States Of America	09 Sep 2008	12/207189	14 May 2009	0209/0125700		
38846-1-US-PRV	PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	United States Of America	11 Sep 2007	60/9271452				
38846-US-PAT	PROCESSING SYSTEM HAVING A PARTITIONING COMPONENT FOR RESOURCE PARTITIONING	United States Of America	04 Feb 2008	12/025480	12 Mar 2009	0209/0070769		
38846-US-PRV	PROCESSING SYSTEM HAVING MEMORY PARTITIONING	United States Of America	11 Sep 2007	60/9271467				
38847-EP-EPA	REMOTE ENTRY NAVIGATION SYSTEM	European Procedure	03 Jul 2008	09013057.9	14 Jan 2009	0210/0215027		
38847-EP-EPO	REMOTE ENTRY NAVIGATION SYSTEM	European Procedure	21 May 2012	12168726.3	05 Sep 2012	2405/05533		
38847-HK-FPR	REMOTE ENTRY NAVIGATION SYSTEM	Hong Kong	21 Feb 2013	13102246.3	28 Jun 2013	1175232		
38847-US-PAT	REMOTE ENTRY NAVIGATION SYSTEM	United States Of America	11 Jul 2007	11/776957	15 Jan 2009	0209/0018769	20 Mar 2012	8140896
38849-US-PAT	SYSTEM FOR ENDLESS LOOP SCROLLING AND DISPLAY	United States Of America	26 Mar 2008	12/058541	23 Oct 2008	0208/0263452		
38849-US-PRV	GRAPHIC USER INTERFACE	United States Of America	17 Apr 2007	60/912423	07 Feb 2013	2013/0035934	23 Oct 2012	8296136
38851-US-CNT	IMPROVING SPEECH INTELLIGIBILITY UTILIZING AN ARTICULATION INDEX	United States Of America	10 Oct 2012	13/648845	21 May 2009	0209/0132248		
38851-US-PAT	DYNAMIC CONTROLLER FOR IMPROVING SPEECH INTELLIGIBILITY	United States Of America	15 Nov 2007	11/940920	06 May 2009	0209/0256296		
38852-EP-EPA	DYNAMIC NOISE REDUCTION	European Procedure	23 Oct 2008	09018600.0	13 Sep 2012	2012/177950		
38852-JP-DIV	DYNAMIC NOISE REDUCTION	Japan	22 Jun 2012	2012-141111				
38852-US-CIP	SPEECH ENHANCEMENT THROUGH PARTIAL SPEECH RECONSTRUCTION	United States Of America	23 Oct 2008	12/09273646	14 May 2009	0209/0104140	24 May 2013	5275748
38852-US-CNT	DYNAMIC NOISE REDUCTION USING LINEAR MODEL FITTING	United States Of America	23 May 2008	12/126682	30 Apr 2009	0209/0112870		
38853-CA-PCT	DYNAMIC NOISE REDUCTION USING LINEAR MODEL FITTING	Canada	24 Oct 2007	11/923958	09 Feb 2012	2012/0035921	04 Dec 2012	8326816
38853-US-CNT	VIDEO PHONE SYSTEM	United States Of America	07 Aug 2008	37242701	30 Apr 2009	0209/0112584	06 Sep 2011	8015002
38853-US-PAT	VIDEO PHONE SYSTEM	United States Of America	04 May 2012	13/464222	30 Aug 2012	2012/0218375	15 Oct 2013	8558867
38853-US-CNT 21	VIDEO PHONE SYSTEM	United States Of America	04 May 2012	13/464237	30 Aug 2012	2012/0221414	05 Jun 2012	8194117
38853-US-PAT	VIDEO PHONE SYSTEM	United States Of America	08 Aug 2007	60/964088	12 Feb 2009	0209/0040289		
38853-WO-PCT	VIDEO PHONE SYSTEM	International Procedure	07 Aug 2008	PCT/CA2008/0014				
38854-EP-EPA	SYSTEM HAVING USER INTERFACE USING OBJECT SELECTION AND GESTURES	European Procedure	16 Oct 2008	09018161.1	22 Apr 2009	0209/018685		
38854-US-PAT	SYSTEM HAVING USER INTERFACE USING OBJECT SELECTION AND GESTURES	United States Of America	28 Feb 2008	12/059874	22 Apr 2009	0209/0102806	18 Dec 2012	8334847
38854-US-PRV	SYSTEM HAVING USER INTERFACE USING OBJECT SELECTION AND GESTURES	United States Of America	19 Oct 2007	60/961864	23 Apr 2009	0209/0102806		
38856-EP-EPA	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	European Procedure	18 Oct 2008	09018178.7	22 Apr 2009	0209/01236	01 May 2012	8169449
38855-US-PAT	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	United States Of America	25 Feb 2008	12/036909	23 Apr 2009	0209/0102861		
38855-US-PRV	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	United States Of America	19 Oct 2007	60/961824				
38856-US-PAT	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	United States Of America	29 Oct 2008	12/280701	06 Aug 2009	0209/0195556	11 Dec 2012	8330774
38856-US-PRV	SYSTEM COMPOSING IMAGES FROM MULTIPLE APPLICATIONS	United States Of America	02 Nov 2007	60/985047				
38857-US-PAT	SYSTEM HAVING USER INTERFACE USING A MOTION CLIP BASED OBJECT SELECTION AND MOUSE MOVEMENT	United States Of America	28 Feb 2008	12/039876	07 May 2009	0209/0115736	30 Jul 2013	8469742
38857-US-PRV	SYSTEM HAVING USER INTERFACE USING A MOTION CLIP BASED OBJECT SELECTION AND MOUSE MOVEMENT	United States Of America	02 Nov 2007	60/985053				
38858-US-PAT	REMOTE CONTROL SERVER PROTOCOL SYSTEM	United States Of America	27 Mar 2008	12/056818	19 Mar 2009	0209/0076824		
38858-US-PRV	REMOTE CONTROL SERVER PROTOCOL SYSTEM	United States Of America	17 Sep 2007	60/973031				
38859-US-PAT	ROBUST NOISE DETECTION FOR HEAD-VE-SIDE AUTOMATIC GAIN CONTROL	United States Of America	10 Dec 2007	11/953829	11 Jun 2009	0209/0150144	27 Aug 2013	8620859
38859-US-CNT	SYSTEM FOR COMFORT NOISE INJECTION	United States Of America	31 Oct 2007	13/013233	06 Jul 2012	2012/0173231	20 Mar 2012	8139777
38860-US-PAT	SYSTEM FOR COMFORT NOISE INJECTION	United States Of America	01 Oct 2007	11/930968	30 Apr 2009	0209/0110209		
38861-US-CNT	MIXER WITH ADAPTIVE POST-FILTERING	United States Of America	20 Dec 2011	13/381753	10 May 2012	2012/0114129	23 Jul 2013	8494179

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38861-US-CNT-21	MIXER WITH ADAPTIVE POST-FILTERING	United States Of America	21 Jun 2013	13/324139	24 Oct 2013	0279716		
38861-US-PAT	MIXER WITH ADAPTIVE POST-FILTERING	United States Of America	04 Nov 2008	12/264791	07 May 2009	0209/0116661	21 Feb 2012	8121311
38861-US-PRV	MIXER WITH ADAPTIVE POST-FILTERING	United States Of America	05 Nov 2007	60/965557				
38862-CA-PAT	SUB-BAND PROCESSING COMPLEXITY REDUCTION	Canada	27 Jan 2011	12759707	29 Jul 2011	12759707		
38862-EP-EPA	SUB-BAND PROCESSING COMPLEXITY REDUCTION	European Procedure	24 Jan 2011	11151856.9	10 Aug 2011	12355034		
38862-US-CNT	SUB-BAND PROCESSING COMPLEXITY REDUCTION	United States Of America	24 May 2013	13/391741	03 Oct 2013	2013/0257482		
38862-US-PAT	SUB-BAND PROCESSING COMPLEXITY REDUCTION	United States Of America	29 Jan 2010	12/695833	05 Aug 2010	2010/0196603	04 Jun 2013	8457976
38862-US-PRV	SUB-BAND PROCESSING COMPLEXITY REDUCTION	United States Of America	30 Jan 2009	61/148661				
38863-EP-EPA	ROBUST DOWNLINK SPEECH AND NOISE DETECTOR	European Procedure	28 Apr 2009	09156984.8	04 Nov 2009	11139098		
38863-US-CNT	ROBUST DOWNLINK SPEECH AND NOISE DETECTOR	United States Of America	14 Nov 2012	13/676856	21 Mar 2013	2013/0073285	08 Oct 2013	8554557
38863-US-PAT	ROBUST DOWNLINK SPEECH AND NOISE DETECTOR	United States Of America	23 Apr 2009	12/426811	05 Nov 2009	2009/0276213		
38863-US-PRV	ROBUST DOWNLINK SPEECH AND NOISE DETECTOR	United States Of America	30 Apr 2008	61/125949				
38864-US-PAT	PLAYLIST MANAGEMENT SYSTEM	United States Of America	09 Dec 2008	12/634307	17 Jun 2010	2010/0153846		
38864-US-PRV	PLAYLIST MANAGEMENT SYSTEM	United States Of America	17 Dec 2008	61/138984				
38865-CA-PAT	SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE	Canada	13 Apr 2010	12699819	16 Oct 2010	26998419		
38865-EP-EPA	SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE	European Procedure	14 Apr 2010	10159833.2	03 Nov 2010	12246785		
38865-US-PAT	SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE	United States Of America	16 Apr 2009	12/424856	22 Oct 2009	2009/0265486		
38865-US-PRV	SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE	United States Of America	17 Apr 2008	61/045893				
38866-CA-PAT	MEASURING DOUBLE TALK PERFORMANCE	Canada	27 Apr 2010	12701439				
38866-DE-EPA	MEASURING DOUBLE TALK PERFORMANCE	Germany	28 Apr 2010	10161260.4	01 Dec 2010	12257034	03 Oct 2012	662010003026.1
38866-EP-EPA	MEASURING DOUBLE TALK PERFORMANCE	European Procedure	28 Apr 2010	10161260.4	01 Dec 2010	12257034	03 Oct 2012	12257034
38866-FR-EPA	MEASURING DOUBLE TALK PERFORMANCE	France	28 Apr 2010	10161260.4	01 Dec 2010	12257034	03 Oct 2012	12257034
38866-GB-EPA	MEASURING DOUBLE TALK PERFORMANCE	United Kingdom	28 Apr 2010	10161260.4	01 Dec 2010	12257034	03 Oct 2012	12257034
38866-NL-EPA	MEASURING DOUBLE TALK PERFORMANCE	Netherlands	28 Apr 2010	10161260.4	01 Dec 2010	12257034	03 Oct 2012	12257034
38866-US-PAT	MEASURING DOUBLE TALK PERFORMANCE	United States Of America	29 Apr 2009	12/432337	05 Nov 2009	2009/0276220	14 Aug 2012	8244536
38866-US-PRV	MEASURING DOUBLE TALK PERFORMANCE	United States Of America	30 Apr 2008	61/049270				
38867-CA-PAT	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	Canada	13 Apr 2010	12699841	17 Oct 2010	2699841		
38867-EP-EPA	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	European Procedure	16 Apr 2010	10160106.0	20 Oct 2010	12241965		
38867-US-PAT	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	United States Of America	17 Apr 2009	12/425905	17 Sep 2009	2009/0235044	26 Jun 2012	8209514
38867-US-PRV	MEDIA PROCESSING SYSTEM HAVING RESOURCE PARTITIONING	United States Of America	18 Apr 2008	61/046267				
38868-CA-PCT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN EXTERNAL NATIVE APPLICATION	Canada	11 Aug 2009	1273352				
38868-EP-EPT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN EXTERNAL NATIVE APPLICATION	European Procedure	11 Aug 2009	09786127.2	25 May 2011	12324423		
38868-US-PAT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN EXTERNAL NATIVE APPLICATION	United States Of America	12 Aug 2008	12/190380	18 Feb 2010	2010/0040346		
38868-WO-PCT	SYSTEM HAVING MOVIE CLIP OBJECT CONTROLLING AN EXTERNAL NATIVE APPLICATION	International Procedure	11 Aug 2009	PCT/152009/0066				
38869-US-PRV	MODEL BASED SPEECH ENHANCEMENT	United States Of America	23 May 2008	61/055851				
38870-US-CIP	SPEECH ENHANCEMENT SYSTEM	United States Of America	22 May 2008	12/471072	19 Nov 2008	2008/0287481	04 Dec 2012	8326614
38870-US-CNT	SPEECH ENHANCEMENT SYSTEM	United States Of America	14 Nov 2012	13/676803	21 Mar 2013	2013/0073584		
38870-US-PRV	SPEECH ENHANCEMENT SYSTEM	United States Of America	23 May 2008	61/055859				
38871-CA-PAT	AMBIENT NOISE COMPENSATION SYSTEM ROBUST TO HIGH EXCITATION NOISE	Canada	21 Apr 2010	12701867				
38871-EP-EPA	AMBIENT NOISE COMPENSATION SYSTEM ROBUST TO HIGH EXCITATION NOISE	European Procedure	23 Apr 2010	10160902.2	27 Oct 2010	12244234		
38871-US-CNT	AMBIENT NOISE COMPENSATION SYSTEM ROBUST TO HIGH EXCITATION NOISE	United States Of America	14 May 2012	13/676821	21 Mar 2013	2013/0070931		
38871-US-PAT	AMBIENT NOISE COMPENSATION SYSTEM ROBUST TO HIGH EXCITATION NOISE	United States Of America	22 May 2008	12/471093	19 Nov 2008	2008/0287482	18 Dec 2012	8336685
38871-US-PRV	AMBIENT NOISE COMPENSATION SYSTEM ROBUST TO HIGH EXCITATION NOISE	United States Of America	23 May 2008	61/055913				
38872-US-CNT	SPEECH ENHANCEMENT WITH MINIMUM GATING	United States Of America	14 Nov 2012	13/676463	28 Mar 2013	2013/0080156		
38872-US-PAT	SPEECH ENHANCEMENT WITH MINIMUM GATING	United States Of America	22 May 2008	12/454411	26 Nov 2008	2008/0292536	04 Dec 2012	8326617
38872-US-PRV	SPEECH ENHANCEMENT WITH MINIMUM GATING	United States Of America	23 May 2008	61/055949				
38873-EP-EPA	SYSTEM FOR ACCELERATING COMPOSITE GRAPHICS RENDERINGS	European Procedure	31 Mar 2010	10156552.4	29 Oct 2010	12241970		
38873-US-PAT	SYSTEM FOR ACCELERATING COMPOSITE GRAPHICS RENDERINGS	United States Of America	01 Apr 2009	61/165743	07 Oct 2010	2010/0253683		
38873-US-PRV	SYSTEM FOR ACCELERATING COMPOSITE GRAPHICS RENDERINGS	United States Of America	12 May 1999	69/440123				
38874-US-CNT	TRACKING PLATFORM SYSTEM	Canada	14 Oct 1994	12368671			11 Jan 1996	5626433
38875-CA-PAT	PHOTON WINDOWING KERNEL	Canada	14 Oct 1994	12118201			30 Dec 2003	12368671
38875-US-CNT	PHOTON WINDOWING KERNEL	United States Of America	21 Jan 1994	09/010479			04 Feb 2003	2118201
38875-US-PAT	PHOTON WINDOWING KERNEL	United States Of America	14 Oct 1994	09/1233554			28 May 2002	6397662
38878-US-PAT	WINDOW KERNEL	United States Of America	14 Oct 1994	09/1233554			28 Apr 1998	5745759

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38877-US-CNT	SYMMETRIC MULTI-PROCESSOR SYSTEM	United States Of America	05 Sep 2006	11/515675	07 Jun 2007	2007/0130567	09 Aug 2011	7398643
38877-US-CNT 21	SYMMETRIC MULTI-PROCESSOR SYSTEM	United States Of America	04 Aug 2011	13/193461	24 Nov 2011	2011/0289311	29 Oct 2013	8672826
38877-US-PAT	SYMMETRIC MULTI-PROCESSOR SYSTEM	United States Of America	26 Aug 1998	09/383115	26 Feb 2000	22/43963	06 Sep 2006	7103831
38878-CA-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	Canada	26 Aug 1998	22/45863	26 Feb 2000	22/45863	27 Oct 2009	22/45863
38878-US-PAT	DISTRIBUTED KERNEL OPERATING SYSTEM	United States Of America	26 Aug 1998	09/382563	08 Feb 2007	2007/0039031	24 Jun 2011	6897876
38878-US-CNT	ACOUSTIC SIGNAL CLASSIFICATION SYSTEM	United States Of America	29 Sep 2008	11/540153	07 Jun 2011	7597867	07 Jun 2013	8428845
38878-US-CNT 21	ACOUSTIC SIGNAL CLASSIFICATION SYSTEM	United States Of America	11 May 2011	13/105821	01 Sep 2011	2011/0213612	23 Apr 2013	8428845
38879-US-PAT	SOUND SOURCE CLASSIFICATION	United States Of America	30 Aug 1999	09/485175	06 Mar 2001	2001/16937	03 Oct 2006	7117149
38879-WO-PCT	SOUND SOURCE CLASSIFICATION	International Procedure	29 Aug 2000	PCT/US/000/2375	06 Mar 2001	2001/16937	23 Feb 2010	2362175
38880-CA-PCT	NOISY ACOUSTIC SIGNAL ENHANCEMENT	Canada	11 Aug 2000	2362175	29 May 2002	1208563	19 Apr 2008	630027458.1
38880-DE-EPT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	Germany	11 Aug 2000	00955487.3	29 May 2002	1208563	19 Apr 2008	1208563
38880-EP-EPT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	European Procedure	11 Aug 2000	00955487.3	29 May 2002	1208563	24 Jun 2011	4764895
38880-JP-PCT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	Japan	11 Aug 2000	2001-517379	06 Oct 2005	2005/0222842	12 Jun 2007	7231347
38880-US-CNT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	24 May 2005	11/136829	22 Feb 2007	2007/013384	06 Jun 2006	7058190
38880-US-PAT	NOISY ACOUSTIC SIGNAL ENHANCEMENT	United States Of America	16 Aug 1999	09/375309	22 Feb 2001	2001/13384	06 Jun 2006	7058190
38880-WO-PCT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	International Procedure	11 Aug 2000	PCT/US/000/0222	22 Feb 2001	2001/13384	25 Mar 2008	2390287
38881-US-PAT	ACOUSTIC SIGNAL ENHANCEMENT SYSTEM	United States Of America	22 May 2000	09/576856				
38882-CA-PCT	ACOUSTIC SOURCE RANGE DETECTION SYSTEM	Canada	30 Oct 2000	2390287				
38882-US-PAT	ACOUSTIC SOURCE RANGE DETECTION SYSTEM	United States Of America	05 Nov 1999	09/4634781				
38882-WO-PCT	METHOD OF ESTIMATING THE DISTANCE OF AN ACOUSTIC SIGNAL	International Procedure	30 Oct 2000	PCT/US/000/23966	17 May 2001	2001/35118	05 Jun 2001	6243822
38884-CA-PAT	SYSTEM THAT PROVIDES EMBEDDED SOFTWARE TO AN EMBEDDED SYSTEM	Canada	19 May 2011	2740883	21 Nov 2011	2730883		
38884-EP-EPA	SYSTEM THAT PROVIDES EMBEDDED SOFTWARE TO AN EMBEDDED SYSTEM	European Procedure	20 May 2011	11/06998.2	23 Nov 2011	2388698		
38884-US-PAT	SYSTEM THAT PROVIDES EMBEDDED SOFTWARE TO AN EMBEDDED SYSTEM	United States Of America	21 May 2010	12/785273	24 Nov 2011	2011/0289493	26 Feb 2013	8386589
38885-CA-PAT	PUBLISH-SUBSCRIBE SYSTEM	Canada	11 May 2011	2739349	14 Nov 2011	2739349		
38885-EP-EPA	PUBLISH-SUBSCRIBE SYSTEM	European Procedure	13 May 2011	11/66131.0	16 Nov 2011	2388697		
38886-US-PAT	PUBLISH-SUBSCRIBE SYSTEM	United States Of America	14 May 2010	12/780400	17 Nov 2011	2011/0282921		
38886-US-PRV	MULTIMEDIA SYSTEM AND CORRESPONDING FRAMEWORK	United States Of America	25 Aug 2008	60/840246				
38887-CA-PAT	ENHANCED SPATIALIZATION SYSTEM	Canada	04 Feb 2011	2731045	05 Aug 2011	2731045		
38887-DE-EPA	ENHANCED SPATIALIZATION SYSTEM	Germany	04 Feb 2011	11/55430.1	10 Aug 2011	2355558		
38887-EP-EPA	ENHANCED SPATIALIZATION SYSTEM	European Procedure	04 Feb 2011	11/55430.1	10 Aug 2011	2355558		
38887-FR-EPA	ENHANCED SPATIALIZATION SYSTEM	France	04 Feb 2011	11/55430.1	10 Aug 2011	2355558		
38887-GB-EPA	ENHANCED SPATIALIZATION SYSTEM	United Kingdom	04 Feb 2011	11/55430.1	10 Aug 2011	2355558		
38887-NL-EPA	ENHANCED SPATIALIZATION SYSTEM	Netherlands	04 Feb 2011	11/55430.1	10 Aug 2011	2355558		
38887-US-PAT	ENHANCED SPATIALIZATION SYSTEM	United States Of America	04 Feb 2011	13/020954	11 Aug 2011	2011/0194700		
38888-CA-PAT	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	Canada	05 Feb 2010	61/301761				
38888-DE-EPA	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	Germany	04 Feb 2011	11/55433.5	05 Aug 2011	2731043	19 Jun 2013	602011002039.0
38888-EP-EPA	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	European Procedure	04 Feb 2011	11/55433.5	10 Aug 2011	2355559	19 Jun 2013	2355559
38888-FR-EPA	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	France	04 Feb 2011	11/55433.5	10 Aug 2011	2355559	19 Jun 2013	2355559
38888-GB-EPA	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	United Kingdom	04 Feb 2011	11/55433.5	10 Aug 2011	2355559	19 Jun 2013	2355559
38888-NL-EPA	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	Netherlands	04 Feb 2011	11/55433.5	10 Aug 2011	2355559	19 Jun 2013	2355559
38888-US-PAT	ENHANCED SPATIALIZATION SYSTEM WITH SATELLITE DEVICE	United States Of America	04 Feb 2011	13/020949	11 Aug 2011	2011/0194704		
38889-EP-EPA	SYNCHRONIZATION OF VIDEO PRESENTATION BY VIDEO CADENCE MODIFICATION	European Procedure	13 Dec 2010	10/91710.9	15 Jun 2011	2334049		
38891-US-PAT	SYNCHRONIZATION OF A VIDEO PRESENTATION BY VIDEO CADENCE MODIFICATION	United States Of America	14 Dec 2009	12/637426	16 Jun 2011	2011/0141355	02 Oct 2012	8279344
38892-US-CNT	SYSTEM THAT DETECTS AND IDENTIFIES PERIODIC INTERFERENCE	United States Of America	11 Apr 2012	13/441482	02 Aug 2012	2012/0197639	07 May 2013	8438022
38892-US-PAT	SYSTEM THAT DETECTS AND IDENTIFIES PERIODIC INTERFERENCE	United States Of America	21 Feb 2008	12/070798	27 Aug 2009	2009/0216530	15 May 2012	8180834
39490-1-CA-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Canada	23 Sep 2011	12/78677				
39490-1-CN-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	China	23 Sep 2011	201160022020.3	09 Jan 2013	102876076		
39490-1-DE-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Germany	23 Sep 2011	PCT/CA/2011/0010	14 Mar 2013	11/01101206		
39490-1-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	23 Sep 2011	11/183594.0	26 Mar 2012	2434386		
39490-1-GB-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United Kingdom	23 Sep 2011	12/19038.5	12 Jun 2013	2497398		
39490-1-HK-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Hong Kong	27 Sep 2011	12/19038.6	11 Jan 2013	1168922		
39490-1-IN-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	India	23 Sep 2011	99293-CHENP.2012				

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39490-1-JP-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Japan	23 Sep 2011	10-2012-7026623	16 Jul 2013	2013-529336	
39490-1-KR-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	South Korea / Republic of	23 Sep 2011	10-2012-7026623	16 Jan 2013	10-2013-0003286	
39490-1-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	23 Sep 2011	13/243877	03 May 2012	2012-0106345	
39490-1-WO-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	International Procedure	23 Sep 2011	PCT/CA2011/0010	09 Mar 2012	2012-037663	
39490-CA-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Canada	23 Sep 2011	2797883	09 Jan 2013	102879075	
39490-CA-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	China	23 Sep 2011	201180021999.2	17 Jan 2013	112011101203	
39490-DE-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Germany	23 Sep 2011	11185641.8	28 Mar 2012	2454389	
39490-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	23 Sep 2011	12181707			
39490-GB-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United Kingdom	23 Sep 2011	12181707.7	16 May 2013	1173513	
39490-HK-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Hong Kong	23 Sep 2011	12181707.7			
39490-IN-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	India	23 Sep 2011	9071/CHENP/2021	18 Jul 2013	2013-529339	
39490-JP-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Japan	23 Sep 2011	10-2012-7026450	26 Feb 2013	10-2013-0019407	
39490-KR-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	South Korea / Republic of	23 Sep 2011	13/243813	24 May 2012	2012-0127098	
39490-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	23 Sep 2011	13/243813			
39490-US-PRV	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	23 Sep 2011	61/386219	23 Mar 2012	2012-037664	
39490-WO-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	International Procedure	23 Sep 2011	PCT/CA2011/0010	27 Mar 2012	2753088	
39540-CA-PAT	COMMUNICATION DEVICE	Canada	27 Sep 2011	2753088	26 Mar 2012	2454383	
39540-EP-EPA	COMMUNICATION DEVICE	European Procedure	27 Sep 2011	111566243.5			
39552-EP-CD	GRAPHICAL USER INTERFACE FOR CONTROLLING A DISPLAY OF A MOBILE ELECTRONIC DEVICE	United States Of America	27 Sep 2011	61/386899			
39552-EP-CD 21	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0001	18 Jun 2012	001331672-0001	
39552-EP-CD 31	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0002	18 Jun 2012	001331672-0002	
39552-EP-CD 41	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0003	18 Jun 2012	001331672-0003	
39552-EP-CD 51	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0004	18 Jun 2012	001331672-0004	
39552-EP-CD 61	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0005	18 Jun 2012	001331672-0005	
39552-EP-CD 71	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0006	18 Jun 2012	001331672-0006	
39552-EP-CD 81	GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN (Playbook R036)	European Union	18 Jun 2012	001331672-0007	18 Jun 2012	001331672-0007	
39553-US-DES	DISPLAY SCREEN WITH A GRAPHICAL USER INTERFACE	United States Of America	24 Sep 2010	29/4976811			
39553-US-DES 21	DISPLAY SCREEN WITH A GRAPHICAL USER INTERFACE	United States Of America	24 Sep 2010	29/4976812			
39554-CA-PCT	ALERT DISPLAY ON A PORTABLE ELECTRONIC DEVICE	Canada	22 Sep 2011	2792243	12 Jun 2013	103154875	
39554-CA-PCT	ALERT DISPLAY ON A PORTABLE ELECTRONIC DEVICE	China	22 Sep 2011	201160021869.9	17 Jan 2013	112011101209	
39554-DE-PCT	ALERT DISPLAY ON A PORTABLE ELECTRONIC DEVICE	Germany	22 Sep 2011	112011101209.8	28 Mar 2012	2454387	
39554-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	European Procedure	22 Sep 2011	11185349.8			
39554-GB-PCT	ALERT DISPLAY ON A PORTABLE ELECTRONIC DEVICE	United Kingdom	22 Sep 2011	1217624.4	29 Mar 2012	2012-0075327	
39554-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	United States Of America	22 Sep 2011	13/240230			
39554-US-PRV	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	United States Of America	22 Sep 2011	61/386308	29 Mar 2012	2012-0075327	
39555-CA-PAT	ECHO CANCELLING CODEC	Canada	07 Sep 2012	2768916	09 Mar 2013	2768916	
39555-EP-EPA	ECHO CANCELLING CODEC	European Procedure	09 Sep 2011	11180919.2	13 Mar 2013	2568619	
39555-US-PAT	ECHO CANCELLING CODEC	United States Of America	09 Sep 2011	13/2230746	14 Mar 2013	2013-0096636	
39556-CA-PAT	ADAPTIVE DELAY COMPENSATION FOR ACOUSTIC ECHO CANCELLATION	Canada	23 Feb 2012	2769127	26 Aug 2012	2769127	
39556-EP-EPA	ADAPTIVE DELAY COMPENSATION FOR ACOUSTIC ECHO CANCELLATION	European Procedure	28 Feb 2011	11156624.2	29 Aug 2012	2454387	
39556-US-PAT	METHOD APPARATUS AND SYSTEM FOR MANAGING COMMUNICATIONS BETWEEN A COMPUTING DEVICE AND A	United States Of America	28 Feb 2011	13/036861	30 Aug 2012	2012-0219146	11 Jun 2013 8462936
39709-CA-PAT	METHOD APPARATUS AND SYSTEM FOR MANAGING COMMUNICATIONS BETWEEN A COMPUTING DEVICE AND A	Canada	26 Sep 2011	2753093	27 Mar 2012	2753093	
39709-EP-EPA	METHOD APPARATUS AND SYSTEM FOR MANAGING COMMUNICATIONS BETWEEN A COMPUTING DEVICE AND A	European Procedure	05 Aug 2011	11176655.6	28 Mar 2012	2454725	
39709-US-PAT	TRANSITIONAL VIEW ON A PORTABLE ELECTRONIC DEVICE	United States Of America	05 Aug 2011	13/204412	29 Mar 2012	2012-0079006	
39876-CA-PCT	TRANSITIONAL VIEW ON A PORTABLE ELECTRONIC DEVICE	Canada	22 Sep 2011	2811253	22 May 2013	103119546	
39876-DE-PCT	TRANSITIONAL VIEW ON A PORTABLE ELECTRONIC DEVICE	China	22 Sep 2011	201180045776.X	14 Aug 2013	112011103173	
39876-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	European Procedure	22 Sep 2011	112011103173.4	16 May 2012	2454363	
39876-GB-PCT	TRANSITIONAL VIEW ON A PORTABLE ELECTRONIC DEVICE	United Kingdom	22 Sep 2011	11082856.3	22 May 2012	2454363	
39876-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	United States Of America	22 Sep 2011	13/240250	24 May 2012	2012-0131501	
39876-US-PRV	PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR	United States Of America	24 Sep 2010	61/386302			
39878-WO-PCT	TRANSITIONAL VIEW ON A PORTABLE ELECTRONIC DEVICE	International Procedure	22 Sep 2011	PCT/CA2011/09595	29 Mar 2012	2012-037688	

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39924-CA-PAT	METHOD FOR CONSERVING POWER ON A PORTABLE ELECTRONIC DEVICE AND A PORTABLE ELECTRONIC DEVICE	European	23 Aug 2011	12503832	24 Mar 2012	12503832	
39924-EP-EPA	METHOD FOR CONSERVING POWER ON A PORTABLE ELECTRONIC DEVICE AND A PORTABLE ELECTRONIC DEVICE	European Procedure	23 Aug 2011	11718437.7	26 Mar 2012	12503836	
39924-US-PRV	METHOD FOR CONSERVING POWER ON A PORTABLE ELECTRONIC DEVICE AND A PORTABLE ELECTRONIC DEVICE	United States Of America	23 Aug 2011	13/215441	21 Jun 2012	2012/0134303	
40735-CA-PAT	MEDIA PLAYER NAVIGATION	Canada	24 Sep 2010	617386147	21 Jun 2012	2012/0134303	
40735-EP-EPA	MEDIA PLAYER NAVIGATION	European Procedure	05 Jan 2012	1250228.9	05 Jul 2012	2765222	
40735-US-PAT	MEDIA PLAYER NAVIGATION	United States Of America	05 Jan 2012	1250228.9	11 Jul 2012	2474925	
40735-US-PRV	MEDIA PLAYER NAVIGATION	United States Of America	05 Jan 2012	13/343755	03 Jan 2013	2013/0007617	
40772-CA-PAT	SYSTEM RESOURCE MANAGEMENT IN AN ELECTRONIC DEVICE	Canada	19 Mar 2011	161428919	16 Sep 2012	2721749	
40772-EP-EPA	SYSTEM RESOURCE MANAGEMENT IN AN ELECTRONIC DEVICE	European Procedure	18 Mar 2011	11568782.8	26 Sep 2012	2500430	
40772-US-PAT	SYSTEM RESOURCE MANAGEMENT IN AN ELECTRONIC DEVICE	United States Of America	18 Mar 2011	13/051609	20 Sep 2012	2012/0240125	
40773-CA-PAT	SUSPENDABLE INTERRUPTS FOR PROCESSOR TIDE MANAGEMENT	Canada	14 Feb 2012	12676782	14 Aug 2012	2767782	
40773-EP-EPA	SUSPENDABLE INTERRUPTS FOR PROCESSOR TIDE MANAGEMENT	European Procedure	14 Feb 2011	1154292.4	22 Aug 2012	2490100	
40773-US-PAT	SUSPENDABLE INTERRUPTS FOR PROCESSOR TIDE MANAGEMENT	United States Of America	14 Feb 2011	13/029930	16 Aug 2012	2012/0210104	06 Aug 2013 8504753
40774-EP-EPA	TOLERANT TIMERS FOR PROCESSOR TIDE MANAGEMENT	European Procedure	14 Feb 2011	1154292.0			
41017-CA-PAT	CELL-BASED COMPOSITED WINDOWING SYSTEM	Canada	31 May 2013	2817207			
41017-EP-EPA	CELL-BASED COMPOSITED WINDOWING SYSTEM	European Procedure	11 Jun 2012	123171544.5	18 Dec 2013	2874939	
41017-US-PAT	CELL-BASED COMPOSITED WINDOWING SYSTEM	United States Of America	11 Jun 2012	13/493513			
41018-CA-PAT	OFF-AXIS AUDIO SUPPRESSION IN AN AUTOMOBILE CABIN	Canada	30 Jul 2012	127683912	29 Jan 2013	27683913	
41018-EP-EPA	OFF-AXIS AUDIO SUPPRESSION IN AN AUTOMOBILE CABIN	European Procedure	29 Jul 2011	11778926.2	30 Jan 2013	2651849	
41018-HK-FRR	OFF-AXIS AUDIO SUPPRESSION IN AN AUTOMOBILE CABIN	Hong Kong	14 May 2013	13105729.2	30 Jan 2013	1177979	
41018-US-PAT	OFF-AXIS AUDIO SUPPRESSION IN AN AUTOMOBILE CABIN	United States Of America	29 Jul 2011	13/194120	31 Jan 2013	2013/0010861	
41356-CA-PAT	METHOD OF PRESENTING DIGITAL DATA ON AN ELECTRONIC DEVICE OPERATING UNDER DIFFERENT	Canada	09 Oct 2012	12791603	26 Jun 2013	15317602	
41356-EP-EPA	METHOD OF PRESENTING DIGITAL DATA ON AN ELECTRONIC DEVICE OPERATING UNDER DIFFERENT	European Procedure	30 Nov 2012	201210505237.6	26 Jun 2013	153176602	
41356-HK-FRR	METHOD OF PRESENTING DIGITAL DATA ON AN ELECTRONIC DEVICE OPERATING UNDER DIFFERENT	Hong Kong	27 Jul 2012	121529416.1	26 Jun 2013	2606008	
41356-IN-PAT	METHOD OF PRESENTING DIGITAL DATA ON AN ELECTRONIC DEVICE OPERATING UNDER DIFFERENT	India	24 Jul 2013	13108683.0	08 Nov 2013	11814396	
41358-US-PAT	METHOD OF PRESENTING DIGITAL DATA ON AN ELECTRONIC DEVICE OPERATING UNDER DIFFERENT	United States Of America	23 Oct 2012	14415.CHE/2012			
41402-CA-PAT	SYSTEM AND METHOD FOR TRANSFERRING DOCUMENTS	Canada	23 Dec 2011	119338117	27 Jun 2013	2013/0167013	
41402-EP-EPA	SYSTEM AND METHOD FOR TRANSFERRING DOCUMENTS	European Procedure	30 Mar 2012	12727906	04 Oct 2012	2772906	
41402-US-PAT	SYSTEM AND METHOD FOR TRANSFERRING DOCUMENTS	United States Of America	30 Mar 2012	12182354.0	10 Oct 2012	25092386	
41492-US-PRV	SYSTEM AND METHOD FOR TRANSFERRING DOCUMENTS	United States Of America	30 Mar 2012	13/458193	11 Apr 2013	2013/0088733	
41492-EP-EPA	ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	08 Apr 2011	61/473488	05 Oct 2012	2773818	
41492-CA-PAT	ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Canada	04 Apr 2012	1273818	19 Oct 2012	2508989	
41492-US-PAT	ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	05 Apr 2011	1161219.8	11 Oct 2012	2012/0226847	
41542-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	03 Apr 2012	1273386	05 Oct 2012	2773386	
41542-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	29 Feb 2012	12157441.2	10 Oct 2012	2508972	
41542-US-PRV	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	05 Apr 2012	13/408710	11 Oct 2012	2012/0236829	
41567-CA-PAT	MULTIPLE INDEPENDENT ENCRYPTION DOMAINS	Canada	05 Apr 2012	1273239	10 Oct 2012	2773239	
41567-EP-EPA	MULTIPLE INDEPENDENT ENCRYPTION DOMAINS	European Procedure	05 Apr 2012	12163306.9	17 Oct 2012	2611848	
41567-US-PAT	MULTIPLE INDEPENDENT ENCRYPTION DOMAINS	United States Of America	05 Apr 2012	13/402089	11 Oct 2012	2012/0257743	
41567-US-PRV	MULTIPLE INDEPENDENT ENCRYPTION DOMAINS	United States Of America	10 Apr 2011	61/473808			
42024-CA-PAT	CONCURRENT GRAPHIC CONTENT ON MULTIPLE DISPLAYS	Canada	14 Nov 2011	12757867	14 May 2013	2757867	
42024-US-PAT	CONCURRENT GRAPHIC CONTENT ON MULTIPLE DISPLAYS	United States Of America	14 Nov 2011	13/295410	16 May 2013	2013/0120222	
42092-CA-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Canada	23 Sep 2011	12612208			
42092-EP-EPA	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	23 Sep 2011	1201180056762.8	24 Jul 2013	103221914	
42092-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	Germany	23 Sep 2011	112011103202.1	11 Jul 2013	112011103202	
42092-EP-EPT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	European Procedure	23 Sep 2011	11767112.3	31 Jul 2013	2619846	
42092-CG-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United Kingdom	23 Sep 2011	11305335.0			
42092-KR-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	South Korea / Republic of	23 Sep 2011	10-2013-7010464	26 Sep 2013	10-2013-0195662	
42092-US-PAT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	United States Of America	23 Sep 2011	13/243749	26 Sep 2013	2012/0098766	
42092-WO-PCT	PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME	International Procedure	23 Sep 2011	PCT/US2011/0530	26 May 2012	2012/040618	
42608-US-PAT	PRESENTING METADATA FROM MULTIPLE PERIPHERALS	United States Of America	16 Feb 2012	13/388676	16 May 2013	2013/0124563	

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42608-US-PRV	PRESENTING METADATA FROM MULTIPLE PERIMETERS	United States Of America	11 Nov 2011	61/563442			
42608-WO-PC-T	MANAGING CROSS PERIMETER ACCESS	European Procedure	09 Nov 2012	PCT/CA2012/0507	16 May 2013	2013/067645	
42609-EP-EPA	MANAGING CROSS PERIMETER ACCESS	European Procedure	10 Nov 2011	11186866.6	15 May 2013	2592576	
42609-WO-PC-T	MANAGING CROSS PERIMETER ACCESS	International Procedure	09 Nov 2012	PCT/CA2012/0507	16 May 2013	2013/067644	
42889-CA-PAT	METHODS AND APPARATUS FOR CONTROLLING POWER CONSUMPTION IN AN ELECTRONIC DEVICE WITH A	Canada	23 Mar 2012	2772366	23 Sep 2013	2772366	
42889-EP-EPA	METHODS AND APPARATUS FOR CONTROLLING POWER CONSUMPTION IN A ELECTRONIC DEVICE WITH A	European Procedure	23 Mar 2012	12161084.4	25 Sep 2013	26442662	
42889-US-PAT	METHODS AND APPARATUS FOR CONTROLLING POWER CONSUMPTION IN AN ELECTRONIC DEVICE WITH A	United States Of America	23 Mar 2012	13/449854	26 Sep 2013	2013/0250825	
43147-CA-PAT	METHODS, APPARATUS, AND SYSTEMS FOR ELECTRONIC DEVICE RECOVERY	Canada	17 Apr 2013	2813339	19 Oct 2013	2813339	
43147-EP-EPA	METHODS, APPARATUS, AND SYSTEMS FOR ELECTRONIC DEVICE RECOVERY	European Procedure	22 Jun 2012	12178245.7	23 Oct 2013	2683967	
43147-US-PAT	METHODS, APPARATUS, AND SYSTEMS FOR ELECTRONIC DEVICE RECOVERY	United States Of America	19 Apr 2012	13/461403	24 Oct 2013	2013/0283091	
43191-CA-PAT	DYNAMICALLY GENERATING PERIMETERS	Canada	16 Oct 2012	2792772	17 Apr 2013	2792772	
43191-EP-EPA	DYNAMICALLY GENERATING PERIMETERS	European Procedure	26 Oct 2011	11186802.2	24 Apr 2013	2564753	
43191-US-PAT	DYNAMICALLY GENERATING PERIMETERS	United States Of America	17 Oct 2011	13/274813	18 Apr 2013	2013/0097657	
43194-US-PAT	SYSTEM AND METHOD OF VIDEO DECODER RESOURCE SHARING	United States Of America	19 Apr 2012	13/451140			
43233-EP-EPA	RESILIENT SIGNAL ENCODING	European Procedure	25 Mar 2013	13168824.2			
43233-US-PAT	RESILIENT SIGNAL ENCODING	United States Of America	25 Mar 2013	13/449853			
43237-US-PAT	UPDATING GRAPHICAL CONTENT BASED ON DIRTY DISPLAY BUFFERS	United States Of America	18 Apr 2012	13/449854	24 Oct 2013	2013/0278619	
43238-1-WO-PC-T	SYSTEM AND METHOD FOR GENERATING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT	International Procedure	31 May 2013	PCT/CA2013/0005	24 Oct 2013	2013/0278714	
43238-CA-PAT	SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT	Canada	31 May 2013	2817475			
43238-EP-EPA	SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT	European Procedure	30 May 2013	201310206613.X	18 Dec 2013	103445521	
43238-IN-PAT	SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT	India	01 Jun 2012	12176433.2	04 Dec 2013	2668791	
43238-US-PAT	SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT	United States Of America	30 May 2013	23/73-CHE/2013			
43479-EP-EPA	GPU DISPLAY ADJUSTMENTS	European Procedure	19 Dec 2012	12198268.0			
43479-US-PAT	GPU DISPLAY ADJUSTMENTS	United States Of America	19 Dec 2012	13/719411			
43566-EM-CD 101	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0001			14 Jun 2012 001331730-0001
43566-EM-CD121	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0010			14 Jun 2012 001331730-0010
43566-EM-CD131	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0002			14 Jun 2012 001331730-0002
43566-EM-CD141	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0003			14 Jun 2012 001331730-0003
43566-EM-CD151	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0004			14 Jun 2012 001331730-0004
43566-EM-CD161	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0005			14 Jun 2012 001331730-0005
43566-EM-CD171	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0006			14 Jun 2012 001331730-0006
43566-EM-CD181	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0007			14 Jun 2012 001331730-0007
43566-EM-CD191	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	European Union	14 Jun 2012	001331730-0008			14 Jun 2012 001331730-0008
43566-US-DES	ICON FOR A DISPLAY SCREEN (Mouse Playback 2.0)	United States Of America	14 Jun 2012	001331730-0009			14 Jun 2012 001331730-0009
44067-EP-EPA	KEY MANAGEMENT ON DEVICE FOR PERIMETERS	European Procedure	15 Feb 2012	12155659.1	21 Aug 2013	2659227	
44067-US-PAT	KEY MANAGEMENT ON DEVICE FOR PERIMETERS	United States Of America	15 Feb 2012	13/457413	15 Aug 2013	2013/0212392	
44067-WO-PC-T	KEY MANAGEMENT ON DEVICE FOR PERIMETERS	International Procedure	30 Jan 2013	PCT/CA2013/0000	22 Aug 2013	2013/120165	
44081-CA-PAT	MANAGING DATA TRANSFER ACROSS A NETWORK INTERFACE	Canada	02 May 2013	2814816			
44081-EP-EPA	MANAGING DATA TRANSFER ACROSS A NETWORK INTERFACE	European Procedure	05 Jul 2012	13/641790			
44081-US-PAT	MANAGING DATA TRANSFER ACROSS A NETWORK INTERFACE	United States Of America	15 Feb 2013	2806371	21 Aug 2013	2629182	
44200-CA-PAT	SYSTEM AND METHOD FOR SAMPLE RATE ADAPTION	Canada	15 Feb 2013	13155351.3	29 Aug 2013	2013/0222302	
44200-EP-EPA	SYSTEM AND METHOD FOR SAMPLE RATE ADAPTION	European Procedure	17 Feb 2012	61/600194			
44200-US-PAT	SYSTEM AND METHOD FOR SAMPLE RATE ADAPTION	United States Of America	17 Feb 2012	61/600194			
44204-CA-PAT	MULTIPASS ASR CONTROLLING MULTIPLE APPLICATIONS	Canada	26 Apr 2013	2814103			
44204-EP-EPA	MULTIPASS ASR CONTROLLING MULTIPLE APPLICATIONS	European Procedure	01 May 2012	12168350.2	06 Nov 2013	2680809	
44204-US-PAT	MULTIPASS ASR CONTROLLING MULTIPLE APPLICATIONS	United States Of America	30 Apr 2012	13/460143	31 Oct 2013	2013/0289986	
44208-CA-PAT	POST PROCESSING OF NATURAL LANGUAGE ASR	Canada	26 Apr 2013	2814309			
44208-EP-EPA	POST PROCESSING OF NATURAL LANGUAGE ASR	European Procedure	01 May 2012	12166312.4	06 Nov 2013	2660810	
44208-US-PAT	POST PROCESSING OF NATURAL LANGUAGE ASR	United States Of America	30 Apr 2012	13/460162	31 Oct 2013	2013/0289988	
44210-CA-PAT	ADAPTIVE EQUALIZATION SYSTEM	Canada	01 May 2013	2814434	04 Nov 2013	2814434	

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44210-EP-EPA	ADAPTIVE EQUALIZATION SYSTEM	European Procedure	04 May 2012	12165906.3	06 Nov 2013	2660814	
44217-CA-PAT	SYSTEM AND METHOD FOR CHANGING ABILITIES OF A PROCESS	Canada	04 Jun 2013	2817859	07 Nov 2013	2013.0297306	
44217-EP-EPA	SYSTEM AND METHOD FOR CHANGING ABILITIES OF A PROCESS	European Procedure	05 Jun 2013	13176772.1	11 Dec 2013	2672382	
44217-US-PAT	SYSTEM AND METHOD FOR CHANGING ABILITIES OF A PROCESS	United States Of America	06 Jun 2012	13,480186	12 Dec 2013	2013.0533056	
44281-CA-PAT	DESIGNATION OF CLASSES FOR CERTIFICATES AND KEYS	Canada	28 Dec 2012	2800504	17 Aug 2013	2800504	
44281-EP-EPA	DESIGNATION OF CLASSES FOR CERTIFICATES AND KEYS	European Procedure	28 Dec 2012	121998710.0	21 Aug 2013	26829480	
44281-US-PAT	DESIGNATION OF CLASSES FOR CERTIFICATES AND KEYS	United States Of America	28 Dec 2012	13,729267	22 Aug 2013	2013.0219173	
44321-CA-PAT	SYSTEM AND METHOD FOR DYNAMIC RESIDUAL NOISE SHAPING	Canada	17 Feb 2012	61,609002			
44327-EP-EPA	SYSTEM AND METHOD FOR DYNAMIC RESIDUAL NOISE SHAPING	European Procedure	15 Feb 2013	2606572	21 Aug 2013	2629284	
44327-US-PAT	SYSTEM AND METHOD FOR DYNAMIC RESIDUAL NOISE SHAPING	United States Of America	15 Feb 2013	13,155350.5	29 Aug 2013	2013.0223045	
44328-CA-PAT	COMPOSITION MANAGER CAMERA	Canada	16 Feb 2012	61,599762			
44328-CN-PAT	COMPOSITION MANAGER CAMERA	China	16 Aug 2013	2824110			
44328-EP-EPA	COMPOSITION MANAGER CAMERA	European Procedure	09 Aug 2013	201310346641.8			
44328-IN-PAT	COMPOSITION MANAGER CAMERA	India	22 Aug 2012	12181384.4			
44328-US-PAT	COMPOSITION MANAGER CAMERA	United States Of America	06 Jul 2013	3048/CHE/2013			
44327-EP-EPA	SYSTEM AND METHOD FOR NOISE ESTIMATION WITH MUSIC DETECTION	European Procedure	22 Aug 2012	13,651574			
44327-US-PAT	SYSTEM AND METHOD FOR NOISE ESTIMATION WITH MUSIC DETECTION	Canada	15 Feb 2013	2805932			
44337-EP-EPA	SYSTEM AND METHOD FOR NOISE ESTIMATION WITH MUSIC DETECTION	European Procedure	15 Feb 2013	13,155352.1	21 Aug 2013	26829285	
44337-US-PAT	SYSTEM AND METHOD FOR NOISE ESTIMATION WITH MUSIC DETECTION	United States Of America	15 Feb 2013	13,768109	29 Aug 2013	2013.0226572	
44337-CA-PAT	METHOD AND APPARATUS FOR MANAGEMENT OF MULTIPLE GROUPED RESOURCES ON DEVICE	Canada	16 Feb 2012	61,589767			
44332-EP-EPA	METHOD AND APPARATUS FOR MANAGEMENT OF MULTIPLE GROUPED RESOURCES ON DEVICE	European Procedure	15 Feb 2013	2805960	16 Aug 2013	2805960	
44332-US-PAT	METHOD AND APPARATUS FOR MANAGEMENT OF MULTIPLE GROUPED RESOURCES ON DEVICE	United States Of America	18 Feb 2013	13,155357.1	21 Aug 2013	26829230	
44505-CA-PAT	TILED VIEWPORT COMPOSITION	Canada	15 Feb 2013	13,768353	29 Aug 2013	2013.0227637	
44505-EP-EPA	TILED VIEWPORT COMPOSITION	European Procedure	31 May 2013	2817492			
44505-IN-PAT	TILED VIEWPORT COMPOSITION	India	30 May 2013	201310208305.7			
44505-US-PAT	TILED VIEWPORT COMPOSITION	United States Of America	06 Jun 2012	12,171363.0	11 Dec 2013	2672480	
45129-CA-PAT	BACKGROUND SERVICE LAUNCHER FOR DYNAMIC SERVICE PROVISIONING	Canada	24 May 2013	2285/CHE/2013			
45129-EP-EPA	BACKGROUND SERVICE LAUNCHER FOR DYNAMIC SERVICE PROVISIONING	European Procedure	06 Jun 2012	13,7492052	12 Dec 2013	2013.0338896	
45129-US-PAT	BACKGROUND SERVICE LAUNCHER FOR DYNAMIC SERVICE PROVISIONING	United States Of America	28 Jul 2012	12,78126.3			
45141-CA-PAT	MANAGING MULTIPLE FORWARDING INFORMATION BASES	Canada	26 Jul 2012	13,658764			
45141-CN-PAT	MANAGING MULTIPLE FORWARDING INFORMATION BASES	China	21 Jun 2013	2820507			
45141-EP-EPA	MANAGING MULTIPLE FORWARDING INFORMATION BASES	European Procedure	27 Sep 2012	12186275.9	01 Jan 2014	2680663	
45141-IN-PAT	MANAGING MULTIPLE FORWARDING INFORMATION BASES	India	18 Jun 2013	2649/CHE/2013			
45141-US-PAT	MANAGING MULTIPLE FORWARDING INFORMATION BASES	United States Of America	27 Sep 2012	13,6526772	02 Jan 2014	2014.0003363	
45141-US-PRV	MANAGING MULTIPLE FORWARDING INFORMATION BASES	United States Of America	29 Jun 2012	61,666608			
45305-EP-EPA	METHOD AND APPARATUS PERTAINING TO CONTROL INFORMATION DISAMBIGUATION	European Procedure	15 Jun 2012	12,172294.6	16 Dec 2013	2675142	
45504-1-CA-PAT	SELECTIVE INBOX ACCESS IN HOMESCREEN MODE ON A MOBILE ELECTRONIC DEVICE	Canada	18 Jul 2013	2820971			
45504-1-EP-EPA	SELECTIVE INBOX ACCESS IN HOMESCREEN MODE ON A MOBILE ELECTRONIC DEVICE	European Procedure	06 Dec 2012	13,164364.5			
45504-1-US-PAT	SELECTIVE INBOX ACCESS IN HOMESCREEN MODE ON A MOBILE ELECTRONIC DEVICE	United States Of America	01 Aug 2012	61,678391			
45504-1-US-PRV	SELECTIVE INBOX ACCESS IN HOMESCREEN MODE ON A MOBILE ELECTRONIC DEVICE	United States Of America	16 Jul 2013	2820993			
45504-CA-PAT	MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE	Canada	18 Apr 2013	13164365.2			
45504-EP-EPA	MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE	European Procedure	06 Jun 2013	13,911512			
45504-US-PAT	MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE	United States Of America	06 Dec 2012	13,709782			
45504-US-PRV	MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE	United States Of America	01 Aug 2012	61,678388			
45515-CA-PAT	METHOD AND SYSTEM TO LAYOUT APPLICATIONS ON MULTIPLE PLATFORMS	Canada	12 Dec 2012	2798394			
45515-US-PAT	METHOD AND SYSTEM TO LAYOUT APPLICATIONS ON MULTIPLE PLATFORMS	United States Of America	12 Dec 2012	13,71717.8			
45516-CA-PAT	ADAPTIVE PHASE DISCOVERY	Canada	20 Dec 2012	2798990			
45518-US-PAT	ADAPTIVE PHASE DISCOVERY	United States Of America	20 Dec 2012	13,722741			

Case reference	Title	Country	Filing Date	Filing Number	Publication Date	Publication Num	Grant Date	Grant Number
45534-CA-PAT	PORTABLE DOCKING STATION FOR PORTABLE ELECTRONIC DEVICE	Canada	27 Aug 2013	2624686				
45564-EP-EPA	PORTABLE DOCKING STATION FOR PORTABLE ELECTRONIC DEVICE	European Procedure	19 Oct 2012	12186215.2				
45534-US-PAT	PORTABLE DOCKING STATION FOR PORTABLE ELECTRONIC DEVICE	United States Of America	19 Oct 2012	13,656109				
45561-EP-EPA	MODAL PROGRESS DIALOG	European Procedure	29 Jan 2013	13,153063.6				
45561-US-PAT	MODAL PROGRESS DIALOG	United States Of America	29 Jan 2013	13,752960				
45621-EP-EPA	DYNAMIC AUDIO PROCESSING PARAMETERS WITH AUTOMATIC SPEECH RECOGNITION	European Procedure	28 Jan 2013	13,152911.7				
45621-US-PAT	DYNAMIC AUDIO PROCESSING PARAMETERS WITH AUTOMATIC SPEECH RECOGNITION	United States Of America	28 Jan 2013	13,751724				
45727-EP-EPA	APPLICATION SERVICES INTERFACE TO ASR	European Procedure	16 Nov 2012	12,193113.3				
45727-US-PAT	APPLICATION SERVICES INTERFACE TO ASR	United States Of America	16 Nov 2012	13,679664				
45771-CA-PAT	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	Canada	10 Oct 2013	2626605				
45771-CN-PAT	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	China	23 Oct 2013	201310502089.9				
45771-DE-UM	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	Germany	21 Dec 2012	202012012333.5			21 Mar 2013	202012012333.5
45771-EP-EPA	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	European Procedure	24 Oct 2012	12,186773.0				
45771-US-INT	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	United States Of America	20 Dec 2012	13,722213				
45771-US-PAT	MANAGING APPLICATION EXECUTION AND DATA ACCESS ON A DEVICE	United States Of America	24 Oct 2012	13,659527				
45897-CA-PAT	MANAGING PERMISSION SETTINGS APPLIED TO APPLICATIONS	Canada	18 Oct 2013					
45897-EP-EPA	MANAGING PERMISSION SETTINGS APPLIED TO APPLICATIONS	European Procedure	23 Oct 2013	201310504548.5				
45897-US-PAT	MANAGING PERMISSION SETTINGS APPLIED TO APPLICATIONS	United States Of America	24 Oct 2012	12,186805.0				
46266-EP-EPA	METHOD OF IDENTIFYING CONTACTS FOR INITIATING A COMMUNICATION USING SPEECH RECOGNITION	European Procedure	06 Dec 2012	12,193962.1				
46266-US-PAT	METHOD OF IDENTIFYING CONTACTS FOR INITIATING A COMMUNICATION USING SPEECH RECOGNITION	United States Of America	06 Dec 2012	13,706643				
46334-EP-EPA	METHOD AND APPARATUS PERTAINING TO SHARING INFORMATION VIA A PRIVATE DATA AREA	European Procedure	05 Dec 2012	12,190600.9				
46334-US-PAT	METHOD AND APPARATUS PERTAINING TO SHARING INFORMATION VIA A PRIVATE DATA AREA	United States Of America	25 Oct 2012	13,660091				
46392-WO-PCT	CONTACT PRIORITIZED COMMUNICATION FOR VOICE COMMANDS	International Procedure	21 Nov 2012	PCT/CA2012/05098				
46405-EP-EPA	SYSTEM AND METHOD FOR ACCESSING A RESTRICTED OBJECT	European Procedure	07 Nov 2012	12,191707.4				
46405-US-PAT	SYSTEM AND METHOD FOR ACCESSING A RESTRICTED OBJECT	United States Of America	25 Oct 2012	13,660359				
46498-EP-EPA	METHODS FOR MONITORING AND ADJUSTING PERFORMANCE OF A MOBILE COMPUTING DEVICE	European Procedure	29 Jan 2013	13,153120.4				
46498-US-PAT	METHODS FOR MONITORING AND ADJUSTING PERFORMANCE OF A MOBILE COMPUTING DEVICE	United States Of America	29 Jan 2013	13,752895				
46528-EP-EPA	PROCESSING A LINK ON A DEVICE	European Procedure	24 Apr 2013	13,165229.9				
46528-US-PAT	PROCESSING A LINK ON A DEVICE	United States Of America	13 Mar 2013	13,661497				
46537-EP-EPA	COMPUTATION VALIDATION	European Procedure	05 Apr 2013	13,1608395				
46537-US-PAT	COMPUTATION VALIDATION	United States Of America	29 Jan 2013	13,753088.5				
46558-EP-EPA	SOUND FIELD REPRODUCTION	European Procedure	29 Jan 2013	13,153112.1				
46558-US-PAT	SOUND FIELD REPRODUCTION	United States Of America	29 Jan 2013	13,753229				
46559-EP-EPA	SOUND FIELD SPATIAL STABILIZER	European Procedure	29 Jan 2013	13,153065.1				
46559-US-PAT	SOUND FIELD SPATIAL STABILIZER	United States Of America	29 Jan 2013	13,753198				
46560-EP-EPA	MICROPHONE HISS MITIGATION	European Procedure	29 Jan 2013	13,153113.9				
46560-US-PAT	MICROPHONE HISS MITIGATION	United States Of America	29 Jan 2013	13,753216				
46561-EP-EPA	NOISE ESTIMATION CONTROL SYSTEM	European Procedure	29 Jan 2013	13,153109.7				
46561-US-PAT	NOISE ESTIMATION CONTROL SYSTEM	United States Of America	29 Jan 2013	13,753162				
46562-EP-EPA	MAINTAINING SPATIAL STABILITY UTILIZING COMMON GAIN COEFFICIENT	European Procedure	29 Jan 2013	13,153062.8				
46562-US-PAT	MAINTAINING SPATIAL STABILITY UTILIZING COMMON GAIN COEFFICIENT	United States Of America	29 Jan 2013	13,753211				
46639-US-PAT	VEHICLE ENERGY MANAGEMENT	Canada	23 Aug 2013	13,974506				
46677-CA-PAT	INTEGRATED SYSTEM FOR MEDIA PLAYBACK DURING STARTUP	European Procedure	08 Mar 2013	13,158448.4				
46677-EP-EPA	INTEGRATED SYSTEM FOR MEDIA PLAYBACK DURING STARTUP	United States Of America	08 Mar 2013	13,752900				
46677-US-PAT	INTEGRATED SYSTEM FOR MEDIA PLAYBACK DURING STARTUP	United States Of America	13 Dec 2012	6,1739120				
46678-EP-EPA	REMOTE POINT OF VIEW	European Procedure	14 Mar 2013	13,159135.6				
46678-US-PAT	REMOTE POINT OF VIEW	United States Of America	14 Mar 2013	13,826162				
46678-US-PRV	REMOTE POINT OF VIEW	United States Of America	08 Jan 2013	6,1750219				
46679-EP-EPA	ON-DEMAND USER CONTROL	European Procedure	14 Mar 2013	13,158138.0				
46679-US-PAT	ON-DEMAND USER CONTROL	United States Of America	14 Mar 2013	13,826582				
46679-US-PRV	ON-DEMAND USER CONTROL	United States Of America	08 Jan 2013	6,1750210				

Case reference	Title	Country	Filing Date	Filing Number	Publication Date	Publication Num	Grant Date	Grant Number
46702-US-DES	TRANSITIONAL ICON FOR A DISPLAY SCREEN (ONX arc cover flow)	United States Of America	18 Dec 2012	29/439386				
46703-EP-CD	INTERFACES FOR A DISPLAY SCREEN (ONX arc cover flow)	European Union	13 Jun 2013	001375018-0001			13 Jun 2013	001375018-0001
46703-EP-CD/21	INTERFACES FOR A DISPLAY SCREEN (ONX arc cover flow)	European Union	13 Jun 2013	001375018-0002			13 Jun 2013	001375018-0002
46704-EM-CD	DISPLAY SCREEN WITH A USER INTERFACE (ONX arc cover flow)	United States Of America	18 Dec 2012	29/439386				
46704-EM-CD/21	INTERFACES FOR A DISPLAY SCREEN (ONX radio dial)	European Union	13 Jun 2013	001375000-0001			13 Jun 2013	001375000-0001
46704-US-DES	INTERFACES FOR A DISPLAY SCREEN (ONX radio dial)	United States Of America	18 Dec 2012	29/439386				
46720-CA-PAT	DISPLAY SCREEN WITH A USER INTERFACE (ONX radio dial)	Canada						
46720-EP-EPA	USER INTERFACE WITH NAVIGATION CONTEXT	European Procedure	14 Mar 2013	13159137.9				
46720-US-PAT	USER INTERFACE WITH NAVIGATION CONTEXT	United States Of America	14 Mar 2013	13159137.9				
46720-US-PRV	USER INTERFACE WITH NAVIGATION CONTEXT	United States Of America	19 Dec 2012	61/759213				
46783-EP-EPA	MOBILE EQUIPMENT CUSTOMIZATION USING A SINGLE MANUFACTURING CONFIGURATION	European Procedure	11 Apr 2013	13168391.9				
46783-US-PAT	MOBILE EQUIPMENT CUSTOMIZATION USING A SINGLE MANUFACTURING CONFIGURATION	United States Of America	29 Jan 2013	13159105.5				
46927-EP-EPA	AUDIO BANDWIDTH DEPENDENT NOISE SUPPRESSION	European Procedure	29 Jan 2013	13159105.5				
46927-US-PAT	AUDIO BANDWIDTH DEPENDENT NOISE SUPPRESSION	United States Of America	29 Jan 2013	13159105.5				
47119-EP-EPA	SHARING A DESIGNATED AUDIO SIGNAL	European Procedure	15 Mar 2013	13159435.0				
47119-US-PAT	SHARING A DESIGNATED AUDIO SIGNAL	United States Of America	15 Mar 2013	13159435.0				
47197-US-PRV	PROPAGATION OF APPLICATION CONTEXT BETWEEN A MOBILE DEVICE AND A VEHICLE INFORMATION SYSTEM	United States Of America	23 Aug 2013	131974856				
47198-US-PAT	STATEFUL INTEGRATION OF A VEHICLE INFORMATION SYSTEM USER INTERFACE WITH MOBILE DEVICE	United States Of America	16 Mar 2013	61/792142				
47198-US-PRV	STATEFUL INTEGRATION OF A VEHICLE INFORMATION SYSTEM USER INTERFACE WITH MOBILE DEVICE	United States Of America	16 Mar 2013	61/792142				
47318-US-PRV	ACTIVE NOISE EQUALIZATION	United States Of America	05 Apr 2013	61/808943				
47357-1-EP-EPA	A SYSTEM AND METHOD FOR FORWARDING A GRAPHICS COMMAND STREAM	European Procedure	13 May 2013	13167544.9				
47357-1-US-PAT	A SYSTEM AND METHOD FOR FORWARDING A GRAPHICS COMMAND STREAM	United States Of America	13 May 2013	13167544.9				
47357-2-US-PRV	SYSTEM AND METHOD FOR FORWARDING A GRAPHICS COMMAND STREAM	United States Of America	13 May 2013	61/822730				
47357-3-US-PRV	SYSTEM AND METHOD FOR FORWARDING A COMMAND STREAM	United States Of America	13 May 2013	61/822756				
47357-EP-EPA	A SYSTEM AND METHOD FOR FORWARDING A GRAPHICS COMMAND STREAM	European Procedure	13 May 2013	13167543.1				
47443-EP-EPA	CONDITIONAL MULTIPASS AUTOMATIC SPEECH RECOGNITION	United States Of America	13 May 2013	13173059.0				
47443-US-PAT	CONDITIONAL MULTIPASS AUTOMATIC SPEECH RECOGNITION	European Procedure	20 Jun 2013	131922588				
47443-US-PRV	NATURAL LANGUAGE UNDERSTANDING AUTOMATIC SPEECH RECOGNITION POST PROCESSING	United States Of America	20 Jun 2013	13173119.2				
47557-EP-EPA	NATURAL LANGUAGE UNDERSTANDING AUTOMATIC SPEECH RECOGNITION POST PROCESSING	European Procedure	20 Jun 2013	131922865				
47557-US-PAT	DEVICES AND METHODS FOR DISPLAYING DATA IN RESPONSE TO DETECTED EVENTS	United States Of America	15 May 2013	13167947.4				
47613-EP-EPA	SEARCHING DATA USING PRE-PREPARED SEARCH DATA	European Procedure	19 Jun 2013	13172910.5				
47613-US-PAT	SEARCHING DATA USING PRE-PREPARED SEARCH DATA	United States Of America	19 Jun 2013	13172910.5				
47659-US-PAT	METHOD AND APPARATUS FOR CONTROLLING ACCESS TO ENCRYPTED DATA	United States Of America	06 Nov 2013	14/072839				
47680-1-EP-EPA	SOUND FIELD SPATIAL STABILIZER WITH SPECTRAL COHERENCE COMPENSATION	European Procedure	20 Jun 2013	13175052.5				
47680-1-US-PAT	SOUND FIELD SPATIAL STABILIZER WITH SPECTRAL COHERENCE COMPENSATION	United States Of America	20 Jun 2013	131922005				
47680-2-EP-EPA	SOUND FIELD SPATIAL STABILIZER WITH ECHO SPECTRAL COHERENCE COMPENSATION	European Procedure	20 Jun 2013	13175053.3				
47680-2-US-PAT	SOUND FIELD SPATIAL STABILIZER WITH ECHO SPECTRAL COHERENCE COMPENSATION	United States Of America	20 Jun 2013	13175047.5				
47680-EP-EPA	SOUND FIELD SPATIAL STABILIZER WITH STRUCTURED NOISE COMPENSATION	European Procedure	20 Jun 2013	13175047.5				
47680-US-PAT	SOUND FIELD SPATIAL STABILIZER WITH STRUCTURED NOISE COMPENSATION	United States Of America	20 Jun 2013	131922941				
47682-1-US-PAT	SYSTEM AND METHOD FOR FORWARDING AN APPLICATION USER INTERFACE	United States Of America	24 Sep 2013	14/034923				
47682-US-PAT	SYSTEM AND METHOD FOR FORWARDING AN APPLICATION USER INTERFACE	United States Of America	24 Sep 2013	14/035486				
47886-US-PAT	SYSTEM AND METHOD FOR DYNAMICALLY MIXING AUDIO SIGNALS	United States Of America	08 Oct 2013	14/048784				
47887-US-PAT	SYSTEM AND METHOD FOR ENHANCING COMPREHENSIBILITY THROUGH SPATIALIZATION	United States Of America	25 Nov 2013	14/089318				

CONFIRMATION AND ASSIGNMENT

WHEREAS QNX SOFTWARE SYSTEMS LIMITED, a corporation organized under the laws of the Province of Ontario, Canada, having a place of business at 1001 Farrar Road, Kanata, Ontario, Canada K2K 0B3 (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS 8758271 CANADA INC., a corporation organized under the laws of the Country of Canada, having a place of business at 2300 University Avenue E., Waterloo, Ontario, Canada N2K 0A7 (the "ASSIGNEE"); and

WHEREAS, ASSIGNOR and ASSIGNEE are parties to an Asset Purchase Agreement dated January 17, 2014 (the "Purchase Agreement"); and

WHEREAS, pursuant to the Purchase Agreement, ASSIGNOR and ASSIGNEE agreed that ASSIGNEE is the owner of all developments, modifications and improvements related to the Assignor 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 Purchase 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 or utility model registrations ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary patent, design registration and utility model registration rights relating thereto, as listed in Schedule A - QNX Patents 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 or utility models 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 and utility model registrations 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 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 - QNX Patents 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:

QNX SOFTWARE SYSTEMS LIMITED

By

Name:

Title:

Date:

PROVINCE OF)

.....)

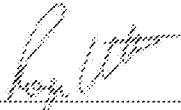
MUNICIPALITY OF)

ss.:

On the 3rd day of April, 2014, before me, the undersigned, a notary public in and
for said province and municipality, personally appeared Michael Michalyszyn, personally
known to me (or proved to me on the basis of satisfactory evidence), to be the individual
who executed the foregoing instrument on behalf of QNX Software Systems Limited as
the Vice President, HR and General Counsel of such company, executed such instrument
in such capacity, and acknowledged to me that the execution and delivery of said
instrument was duly authorized by said company.

.....
Notary Public
(Affix Seal Below)

8758271 CANADA INC.,

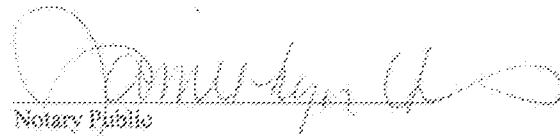
By 

Name: Roger Witteveen
Title: Director
Date: April 3, 2014

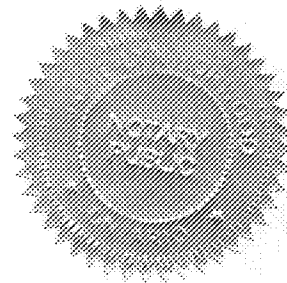
PROVINCE OF Ontario)
MUNICIPALITY OF Waterloo)

ss.:

On the 3rd day of April, 2014, before me, the undersigned, a notary public in and for said province and municipality, personally appeared Roger Witteveen, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of 8758271 Canada Inc. as the Director of such company, executed such instrument in such capacity, and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.


Notary Public
(Affix Seal Below)

Jamie-Lyn Horwood, Notary Public, Regional
Municipality of Waterloo. Limited to the
attestation of instruments and the taking of
affidavits for BlackBerry Limited and its
subsidiaries. Expires June 24, 2016



Legal OK

- 4/4 -

JUL as per

V6.0

m. michalyski **PATENT**

REEL: 049869 FRAME: 0739

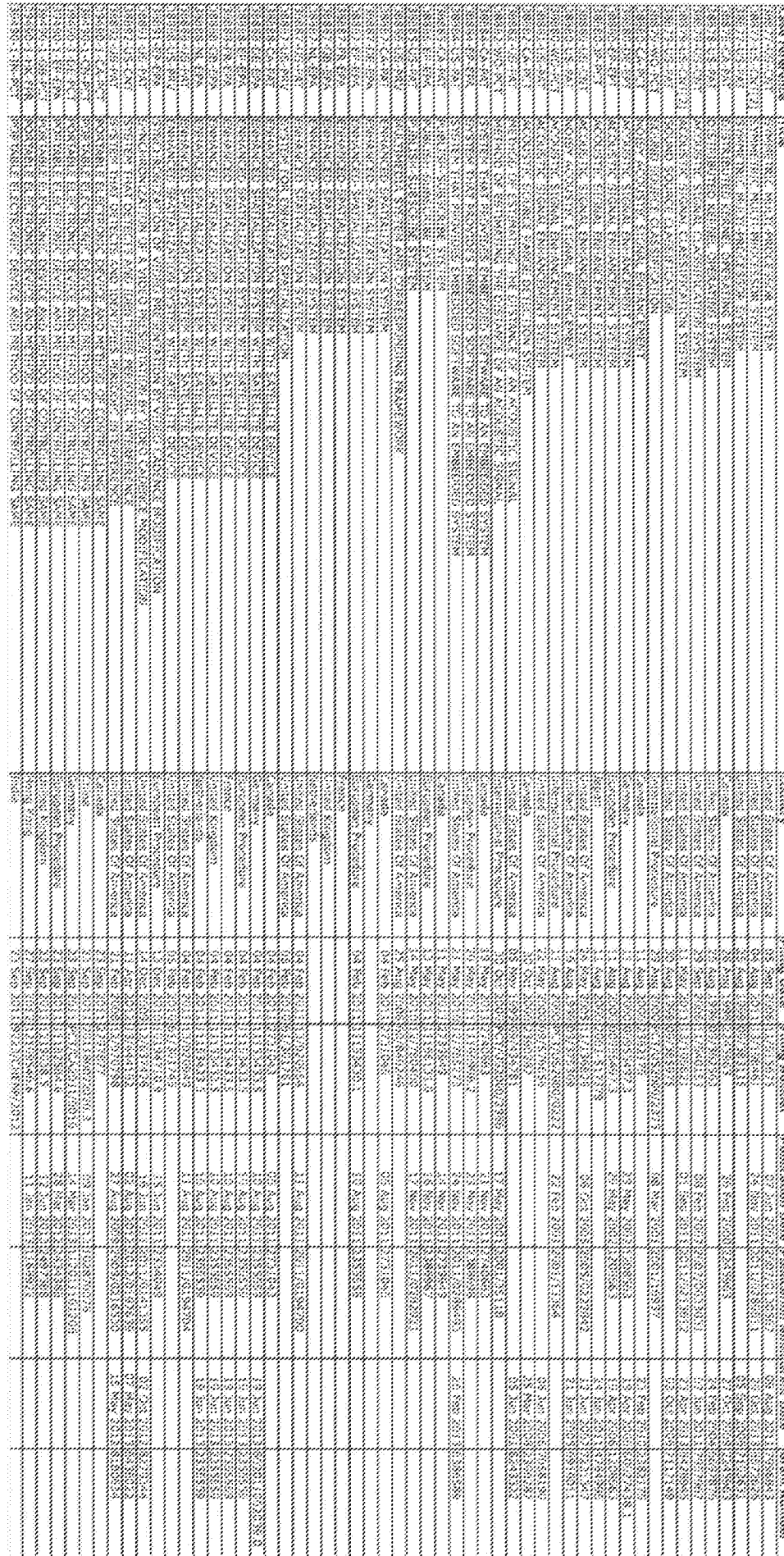
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Patent Number	Patent Title	Patent Class	Patent Status	Patent Date	Patent Owner
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1,111,112	Method of...	...	...	...	...
1,111,113	Method of...	...	...	...	...
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