

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2581931

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTERDIGITAL, INC.	10/11/2013

RECEIVING PARTY DATA

Name:	DST HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY, SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

PROPERTY NUMBERS Total: 49

Property Type	Number
Patent Number:	6414951
Patent Number:	6744755
Patent Number:	6751208
Patent Number:	6744756
Patent Number:	6741584
Patent Number:	7106720
Patent Number:	7889664
Patent Number:	6728225
Patent Number:	7710909
Patent Number:	7471713
Application Number:	12345428
Patent Number:	7738895
Patent Number:	8432893
Patent Number:	7505431
Patent Number:	7406068

CH \$1960.00 6414951

Patent Number:	7394795
Patent Number:	7489672
Application Number:	10328685
Patent Number:	8175030
Patent Number:	7251488
Patent Number:	7379489
Patent Number:	7400861
Patent Number:	7536154
Patent Number:	7599339
Patent Number:	7046648
Patent Number:	8130720
Patent Number:	8023463
Patent Number:	8018945
Patent Number:	7499393
Patent Number:	8024000
Patent Number:	8010053
Application Number:	12396035
Patent Number:	7813328
Application Number:	12758330
Application Number:	12771710
Patent Number:	8270351
Patent Number:	8204450
Application Number:	13236133
Application Number:	13229437
Patent Number:	8478343
Patent Number:	8457072
Patent Number:	8379575
Patent Number:	8428522
Application Number:	13589723
Application Number:	13755700
Application Number:	13872792
Application Number:	13862735
Application Number:	13908242
Application Number:	13910971

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Correspondent Name: VOLPE AND KOENIG, P.C.
Address Line 1: 30 SOUTH 17TH STREET
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	I-3B.1
NAME OF SUBMITTER:	ROBERT D. LEONARD
Signature:	/Robert D. Leonard/
Date:	10/17/2013

Total Attachments: 40

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PATENT ASSIGNMENT

In order to effectuate the transfer of certain assets to DST Holdings, Inc., InterDigital Technology Corporation, InterDigital Holdings, Inc. (f/k/a InterDigital IP Holdings, Inc.), InterDigital, Inc., and DST Holdings, Inc., (collectively the "Parties") agree that, as of October 11, 2013 (the "Effective Date"):

- 1.1 InterDigital Technology Corporation ("ITC"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, does hereby assign and transfer unto InterDigital Holdings, Inc. (f/k/a InterDigital IP Holdings, Inc.) ("IHI"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, and its successors, assigns and legal representatives, ITC's entire right, title and interest in the patents and patent applications identified on "Schedule A", together with the entire right, title and interest, including all rights under any and all international conventions and treaties, including the right to claim priority under the Paris Convention or other treaty, in and to said applications, and/or in and to Letters Patent which may be issued upon said applications, and any divisions, extensions, continuations or reissues thereof, throughout the world, including, in each such case, all rights to sue for infringement of any of the patents, whether arising prior to, on or subsequent to the Effective Date and including the right to seek injunctive relief and to collect past damages for any such infringement (collectively, the "Transferred Asset(s)"), subject to the limitations of paragraphs 1.2, 1.3, and 1.4.
- 1.2 ITC hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordations, and registrations in People's Republic of China and Hong Kong.
- 1.3 IHI agrees that the Transferred Assets shall remain subject to all rights that, prior to or as of the Effective Date have been or are required to be granted to any third party, including but not limited to, obligations and commitments made to standards setting or development organizations or industry consortia, and any and all releases, licenses, waivers of any rights of enforcement (including, but not limited to covenants not to sue, covenants not to assert, standstill agreements, disincentives to sue), rights to sell or otherwise divest some or all of the Transferred Assets, or any other similar

rights, whether express or implied, under any of the Transferred Assets (collectively, "Existing Third Party Rights") based on any obligation or agreement existing prior to or as of the Effective Date. IHI further agrees that when an Existing Third Party Right requires ITC or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, IHI hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.

- 1.4 ITC retains the sole right to receive and retain any and all royalties, payments and other consideration under such Existing Third Party Rights set forth in paragraph 1.3.
- 1.5 ITC agrees that, when requested, ITC will reasonably cooperate to sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in IHI, its successors, and assigns and legal representatives or nominees.
- 2.1 InterDigital Holdings, Inc. (f/k/a InterDigital IP Holdings, Inc.) ("IHI"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 a Delaware corporation, does hereby assign and transfer unto InterDigital, Inc. ("InterDigital"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 a Delaware corporation, and its successors, assigns and legal representatives, IHI's entire right, title and interest in the Transferred Assets, subject to the limitations of paragraph 2.2, 2.3, and 2.4.
- 2.2 IHI hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordations, and registrations in People's Republic of China and Hong Kong.
- 2.3 InterDigital agrees that the Transferred Assets shall remain subject to all Existing Third Party Rights based on any obligation or agreement existing prior to or as of the Effective Date. InterDigital further agrees that when an Existing Third Party Right requires IHI or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, InterDigital hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.

- 2.4 InterDigital further agrees that InterDigital shall have no right under this Patent Assignment to receive or retain any royalties, payments and/or other consideration under such Existing Third Party Rights set forth in paragraph 2.3.
- 2.5 IHI agrees that, when requested, IHI will reasonably cooperate to sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in InterDigital, its successors, and assigns and legal representatives or nominees.
- 3.1 InterDigital, Inc. ("InterDigital"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation does hereby assign and transfer unto DST Holdings, Inc. ("DST"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, and its successors, assigns and legal representatives, InterDigital's entire right, title and interest in the Transferred Assets, subject to the limitations of paragraph 3.2, 3.3, and 3.4.
- 3.2 InterDigital hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordations, and registrations in People's Republic of China and Hong Kong.
- 3.3 DST agrees that the Transferred Assets shall remain subject to all Existing Third Party Rights based on any obligation or agreement existing prior to or as of the Effective Date. DST further agrees that when an Existing Third Party Right requires InterDigital or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, DST hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.
- 3.4 DST further agrees that DST shall have no right under this Patent Assignment to receive or retain any royalties, payments and/or other consideration under such Existing Third Party Rights set forth in paragraph 3.3.
- 3.5 InterDigital agrees that, when requested, InterDigital will reasonably cooperate to sign all papers, take all rightful oaths, and do all acts which may

be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in DST, its successors, and assigns and legal representatives or nominees.

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IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the dates below.

EXECUTED under seal on this 11th day of October, 2013 at Wilmington, Delaware.

ASSIGNOR:

ASSIGNEE:

InterDigital Technology Corporation InterDigital Holdings, Inc.

By: [Signature]
Lawrence F. Shay

By: [Signature]
Lawrence F. Shay

Title: President and CEO

Title: President and CEO

Date: October 11, 2013

Date: October 11, 2013

State of Delaware

ss.

County of New Castle

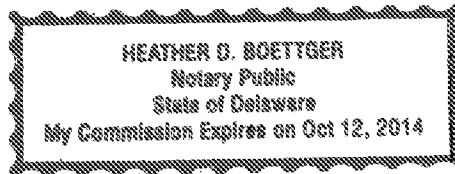
On this 11th day of October, 2013 before me personally appeared Lawrence F. Shay, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

[Signature]

Notary Public

My Commission Expires: Oct. 12, 2014



IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the dates below.

EXECUTED under seal on this 11th day of October,
2013 at Wilmington, Delaware

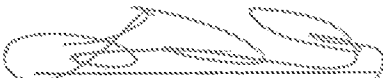
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ASSIGNEE:

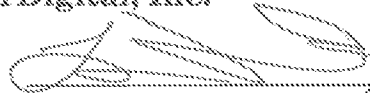
InterDigital Holdings, Inc.

InterDigital, Inc.

By:


Lawrence F. Shay

By:


Lawrence F. Shay

Title: President and CEO

Title: Executive V.P., IP, and
Chief IP Counsel

Date: October 11, 2013

Date: October 11, 2013

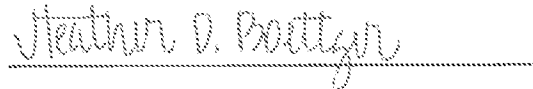
State of Delaware

ss.

County of New Castle

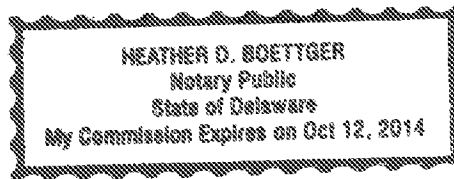
On this 11th day of October, 2013 before me personally appeared Lawrence F. Shay, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.



Notary Public

My Commission Expires: Oct. 12, 2014



IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the dates below.

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2013 at Wilmington, Delaware

ASSIGNOR:

ASSIGNEE:

InterDigital, Inc.

DST Holdings, Inc.

By: [Signature]
Lawrence F. Shay

By: [Signature]
Lawrence F. Shay

Title: Executive V.P., IP, and
Chief IP Counsel

Title: President and Chief Executive
Officer

Date: October 11, 2013

Date: October 11, 2013

State of Delaware

ss.

County of New Castle

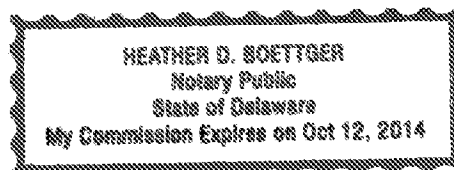
On this 11th day of October, 2013 before me personally appeared Lawrence F. Shay, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

[Signature]

Notary Public

My Commission Expires: Oct. 12, 2014



Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
SHORT CODE DETECTION METHOD	Argentina	06 Oct 2000	P000105299			28 Dec 2005	AR025982B1
SHORT CODE DETECTION METHOD	Argentina						
SHORT CODE DETECTION METHOD	European Patent	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	Germany (Federal Republic of)	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	80021739.6
SHORT CODE DETECTION METHOD	Denmark	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	Spain	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	Finland	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	France	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	Italy	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	United Kingdom	21 Sep 2000	00970464.4	03 Jul 2002	1219038	03 Aug 2005	1219038
SHORT CODE DETECTION METHOD	European Patent	21 Sep 2000	05018481.5	30 Nov 2005	1801114		
SHORT CODE DETECTION METHOD	Japan	21 Sep 2000	2001-530228			27 Apr 2007	3948554
SHORT CODE DETECTION METHOD	Japan	21 Sep 2000	2007-027928	24 May 2007	2007-279775	07 Nov 2008	4213189
SHORT CODE DETECTION METHOD	Taiwan	08 Oct 2000	89120889	27 Jan 2003	503634	27 Jan 2003	NI-163219
SHORT CODE DETECTION METHOD	United States of America	08 Oct 1999	09/415,321			02 Jul 2002	6,414,951
BASE STATION FOR DETECTING SHORT CODES	United States of America	01 Jul 2002	10/187,693	07 Nov 2002	US-2002-0163903-A1	01 Jun 2004	6,744,756
SHORT CODE DETECTION METHOD	United States of America	01 Jul 2002	10/187,697	07 Nov 2002	US-2002-0163927-A1	15 Jun 2004	6,751,208
SYSTEM FOR DETECTING SHORT CODES	United States of America	01 Jul 2002	10/188,279	05 Dec 2002	US-2002-0181439-A1	01 Jun 2004	6,744,756
USER EQUIPMENT FOR DETECTING SHORT CODES	United States of America	01 Jul 2002	10/187,484	28 Nov 2002	US-2002-0176395-A1	25 May 2004	6,741,584
USER EQUIPMENT FOR DETECTING SHORT CODES	United States of America	04 Jun 2004	10/860,848	25 Nov 2004	US20040239864A1	12 Sep 2008	7,106,720
USER EQUIPMENT FOR DETECTING SHORT CODES	United States of America	12 Sep 2006	11/518,540	11 Jan 2007	US-2007-0008874	15 Feb 2011	7,889,664
SHORT CODE DETECTION METHOD	Patent Cooperation Treaty	21 Sep 2000	PCT/US00/25772	19 Apr 2001	WO0128122A1		
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Canada	10 Feb 2000	2,343,170				

Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	European Patent	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Austria	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Belgium	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Cyprus (Republic of)	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Denmark	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Finland	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	France	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Germany (Federal Republic of)	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	60015315.0
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	United Kingdom	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Greece	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Ireland (Republic of)	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Italy	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Luxembourg	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Monaco	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781

Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Netherlands	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Portugal	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Sweden	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Spain	10 Feb 2000	00907229.9	09 Jan 2002	1169781	27 Oct 2004	1169781
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	European Patent	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Germany (Federal Republic of)	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	60027615.5
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	France	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	United Kingdom	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Sweden	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Finland	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Spain	10 Feb 2000	04025423.7	26 Jan 2005	1501204	26 Apr 2006	1501204
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	European Patent	10 Feb 2000	06008286.5	19 Jul 2006	1661774	28 Mar 2012	1661774
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH IN A CDMA SYSTEM	Japan	10 Feb 2000	2001-559159			20 Jul 2007	3965522
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Korea, Republic of (KR)	10 Feb 2000	10-2001-7003022			12 Dec 2008	0659006

Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Korea, Republic of (KR)	10 Feb 2000	10-2000-7014802	10 Aug 2006	10-2000-0090307	28 Mar 2007	0701912
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH	Taiwan	28 Jan 2001	90101708	01 Apr 2003	511347	01 Apr 2003	NI-166897
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH	United States of America	10 Feb 2000	09/501,865			27 Apr 2004	6,726,225
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH	United States of America	28 Mar 2004	10/810,153	16 Sep 2004	US 20040179561 A1	04 May 2010	7,710,909
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Patent Cooperation Treaty	10 Feb 2000	PCT/US00/03332	16 Aug 2001			
DETECTION OF CHANNEL QUALITY INDICATOR	India	02 Dec 2003	4373/DELNP/2006	15 Aug 2008			
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Japan	25 Mar 2003	2009-048596	08 Jul 2009	2009-153190	01 Mar 2013	5208022
RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Japan	25 Mar 2003	2009110923	10 Sep 2009	2009-207184	01 Mar 2013	5208049
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Japan	25 Mar 2003	N/A				
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2008-7007192	15 May 2008	10-2008-0042901	24 Jun 2010	0967366
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2008-7029383	23 Jan 2009	10-2009-0009993		
METHOD FOR RADIO LOCAL AREA NETWORK APPARATUS AND METHOD IMPLEMENTED IN HOME RADIO LOCAL AREA NETWORK NODE B	Taiwan	28 Mar 2003	97145932	11 May 2013	200943823	11 May 2013	1396406
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Argentina	25 Aug 2004	P080102896			31 May 2010	AR067422B2
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	European Patent	25 Aug 2004	08167633.0	21 Jan 2008	2017992		
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Georgia						
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Mexico	25 Aug 2004	MX/a/2008/001169			28 Mar 2011	285165
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2008-7011503	07 Jul 2008	10-2008-0063640	23 Jun 2010	0967150
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Mexico	08 May 2003	MX/a/2008/016282			17 Jun 2011	287579
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Taiwan	18 Jul 2003	98102118	11 Jan 2013	200943759	11 Jan 2013	1982705

Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	United States of America	21 May 2008	12/124,716	11 Sep 2008	US-2008-0219221-A1	30 Dec 2008	7,471,713
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	United States of America	29 Dec 2008	12/345,428	28 May 2009	2009-0195788-A1		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	United States of America	09 Jul 2008	12/169,739	30 Oct 2008	US-2008-0268894-A1	15 Jun 2010	7,738,895
DETECTION OF CHANNEL QUALITY INDICATOR	Korea, Republic of (KR)						
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Malaysia	10 Nov 2004	PI20062479			15 Mar 2011	MY-143083-A
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Singapore	09 Nov 2004	200808410-5	31 Dec 2008	148173	15 Jun 2012	148173
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Indonesia	29 Oct 2004	W00200802146				
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Mexico	29 Oct 2004	MX/A/2008/016003			30 Jul 2010	277723
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Mexico	29 Oct 2004	MX/a/2009/000881				
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Singapore	29 Oct 2004	200900809-5	30 Mar 2009	150496		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Australia	04 Apr 2005	2009200888				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Taiwan	08 Apr 2005	97112715	01 Dec 2011	200822180	01 Dec 2011	1353745
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Taiwan	29 Jul 2005	98100264	16 Nov 2009	200847927		
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2004-7008497			16 Oct 2008	0837108
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2005-7017463	12 Oct 2005	10-2005-0088876	10 Jul 2009	0908309

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INDEPENDENT RLAN WITH RAN IP GATEWAY	Korea, Republic of (KR)	30 Apr 2004	10-2005-0090792	25 Oct 2005	10-2005-0102058		
TDD-RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Malaysia	25 Mar 2003	PI20031072			31 Jul 2008	MY-135893-A
TDD-RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Malaysia	25 Mar 2003	PI20070861				
RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Argentina	28 Mar 2003	P030101049	08 Feb 2005	AR039144A1	03 Dec 2007	AR039144B1
RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Argentina	28 Mar 2003	P070104851	28 Jan 2009	AR063594A2	22 Mar 2010	AR063594B2
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Canada	25 Mar 2003	2,479,860				
INDEPENDENT RLAN WITH RAN IP GATEWAY	Germany (Federal Republic of)	21 Mar 2003	20304552.1			07 Aug 2003	20304552.1
TDD-RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	European Patent	25 Mar 2003	03745606.8	22 Dec 2004	1488544		
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Japan	25 Mar 2003	2003-581380	07 Jul 2005	2005-520449	03 Dec 2010	4637486
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Japan	25 Mar 2003	2005-260526	19 Jan 2006	2006-020389	27 May 2011	4749104
INDEPENDENT RLAN WITH RAN IP GATEWAY	Korea, Republic of (KR)	28 Mar 2003	20-2003-0009085			25 Jun 2003	0319039
INDEPENDENT RLAN WITH RAN IP GATEWAY	Korea, Republic of (KR)	30 Apr 2004	10-2004-0030675				
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Korea, Republic of (KR)	28 Mar 2003	10-2005-0103506	23 Nov 2005	10-2005-0110591	15 Jan 2010	0938460
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Korea, Republic of (KR)						
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Taiwan	28 Mar 2003	92204700	30 Jul 2004	584348	30 Jul 2004	222297
INTERNET PROTOCOL BASED IMPLEMENTATION OF THE TIME DIVISION DUPLEX RADIO LOCAL AREA NETWORK (TDD-RLAN)	United States of America	28 Mar 2002	60/367,546				
RLAN WITH RAN IP GATEWAY UTILIZING INTERNAL IU-PS INTERFACE AND IP TRANSPORT	Germany (Federal Republic of)	25 Mar 2003	20304814.8			07 Aug 2003	20304814.8
RLAN WITH RAN IP GATEWAY UTILIZING INTERNAL IU-PS INTERFACE AND IP TRANSPORT	Korea, Republic of (KR)	28 Mar 2003	20-2003-0009087			25 Jun 2003	0319041

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RLAN WITH RAN IP GATEWAY UTILIZING INTERNAL ILI-PS INTERFACE AND IP TRANSPORT	Korea, Republic of (KR)	26 Mar 2003	10-2004-0030680			19 Jan 2010	0938855
RLAN WITH RAN IP GATEWAY UTILIZING INTERNAL ILI-PS INTERFACE AND IP TRANSPORT LAYER	Korea, Republic of (KR)	26 Mar 2003	10-2006-0090152	25 Oct 2005	10-2005-0102055	15 Jan 2010	0938448
RLAN WITH RAN IP GATEWAY UTILIZING INTERNAL ILI-PS INTERFACE AND IP TRANSPORT LAYER	Taiwan	26 Mar 2003	92204703	30 Jul 2004	584349	30 Jul 2004	222298
ARCHITECTURE FOR TIME DIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN) SYSTEM	United States of America	26 Mar 2002	60/367,945				
RLAN WITH RAN IP GATEWAY SUPPORTING VOICE OVER IP TRANSPORT LAYER	Germany (Federal Republic of)	25 Mar 2003	20304816.4			07 Aug 2003	20304816.4
RLAN WITH RAN IP GATEWAY SUPPORTING VOICE OVER IP TRANSPORT LAYER	Korea, Republic of (KR)	26 Mar 2003	20-2003-0008086			25 Jun 2003	0919040
RLAN WITH RAN IP GATEWAY SUPPORTING VOICE OVER IP TRANSPORT LAYER	Korea, Republic of (KR)	26 Mar 2003	10-2004-0030052			19 Jan 2010	0938862
RLAN WITH RAN IP GATEWAY SUPPORTING VOICE OVER IP TRANSPORT LAYER	Korea, Republic of (KR)	26 Mar 2003	10-2006-0102086	23 Nov 2005	10-2005-0110588	19 Jan 2010	0938858
INTERCONNECTED COMPONENTS IN RADIO LOCAL AREA NETWORK (RLAN)	Taiwan	26 Mar 2003	92204702	18 Oct 2004	585846	18 Oct 2004	225288
VOICE SUPPORT IN TIME DIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN) SYSTEMS	United States of America	26 Mar 2002	60/367,950				
RLAN WITH RAN IP GATEWAY WITH AAA FUNCTION ASSOCIATION WITH CN	Germany (Federal Republic of)	25 Mar 2003	20304817.2			07 Aug 2003	20304817.2
TDD-RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Norway	25 Mar 2003	20044587				
TDD-RLAN WIRELESS TELECOMMUNICATIONS SYSTEM WITH RAN IP GATEWAY AND METHODS	Taiwan	26 Mar 2003	92108785	11 Nov 2005		11 Nov 2005	243620
INDEPENDENT RLAN WITH RAN IP GATEWAY	Taiwan	26 Mar 2003	92204699	20 Apr 2004	570455	20 Apr 2004	217008
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Taiwan	26 Mar 2003	92127608	11 Feb 2010	200406886	11 Feb 2010	320644
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Taiwan	26 Mar 2003	94135012	21 Oct 2009	200818637	21 Oct 2009	316344
SYSTEM TO IMPLEMENT COMMUNICATION SERVICES IN TIME DIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN)	United States of America	26 Mar 2002	60/367,949				

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RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/328,033	02 Oct 2003	US-2003-0185178-A1	30 Apr 2013	8,432,893
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/328,890	02 Oct 2003	US-2003-0185188-A1	17 Mar 2009	7,505,431
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/328,791	02 Oct 2003	US-2003-0185187-A1	29 Jul 2008	7,406,068
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/329,098	02 Oct 2003	US-2003-0185189-A1	01 Jul 2008	7,384,765
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/329,099	02 Oct 2003	US-2003-0185190-A1	10 Feb 2009	7,489,672
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America	23 Dec 2002	10/328,685	02 Oct 2003	US-2003-0185177-A1		
RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	United States of America						
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Venezuela	26 Mar 2003	473-03	11 Nov 2005			
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Patent Cooperation Treaty	26 Mar 2003	PCT/US03/09170	09 Oct 2003	WO 03/064098A1		
RLAN WITH RAN IP GATEWAY WITH MOBILITY MANAGEMENT	Germany (Federal Republic of)	21 Mar 2003	20304554.8			07 Aug 2003	20304554.8
RLAN WITH RAN IP GATEWAY WITH MOBILITY MANAGEMENT	Korea, Republic of (KR)	26 Mar 2003	20-2003-0009087			27 Jun 2003	0319283
RLAN WITH RAN IP GATEWAY WITH MOBILITY MANAGEMENT	Korea, Republic of (KR)	26 Mar 2003	10-2004-0030048			19 Jan 2010	0938854
RLAN WITH RAN IP GATEWAY WITH MOBILITY MANAGEMENT	Korea, Republic of (KR)	26 Mar 2003	10-2005-0192873	23 Nov 2005	10-2005-0110580	15 Jan 2010	0938449
RLAN WITH RAN IP GATEWAY WITH MOBILITY MANAGEMENT	Taiwan	26 Mar 2003	92204701	04 Oct 2004	592418	04 Oct 2004	224707
TIME DIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN) MOBILITY MANAGEMENT (MM) AND RADIO RESOURCE MANAGEMENT (RRM)	United States of America	26 Mar 2002	60/367,976				
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Germany (Federal Republic of)	25 Mar 2003	20304815.6			21 Aug 2003	20304815.6
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Korea, Republic of (KR)	26 Mar 2003	20-2003-0009084			26 Jun 2003	0319038
RLAN WITH RAN IP GATEWAY EMPLOYING C-PLANE AND U-PLANE SERVERS	Korea, Republic of (KR)	26 Mar 2003	10-2004-0030047			19 Jan 2010	0938857

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RLAN WITH RAN IP GATEWAY WITH AAA FUNCTION ASSOCIATION WITH CN	Korea, Republic of (KR)	28 Mar 2003	20-2003-0009054			10 Oct 2003	0330751
RLAN WITH RAN IP GATEWAY WITH AAA FUNCTION ASSOCIATION WITH CN	Korea, Republic of (KR)	30 Apr 2004	10-2004-0030647			13 Nov 2009	0927893
RLAN WITH RAN IP GATEWAY WITH AAA FUNCTION ASSOCIATION WITH CN	Korea, Republic of (KR)	30 Apr 2004	10-2005-0091129	21 Oct 2005	10-2005-0101306		
RLAN WITH RAN IP GATEWAY WITH AAA FUNCTION ASSOCIATION WITH CN	Taiwan	28 Mar 2003	92204698	11 Sep 2004		11 Sep 2004	243960
SUBSCRIBER MANAGEMENT SYSTEM AND METHOD FOR TIME DIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN)	United States of America	26 Mar 2002	60/367,948				
USER EQUIPMENT WHICH PERFORMS COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Taiwan	07 May 2003	92208358	20 Aug 2004	586720	20 Aug 2004	223200
RADIO NETWORK CONTROLLER AND NODE-B	Taiwan	10 May 2002	93105324	01 Mar 2007	200501677	01 Mar 2007	1275272
NODE B FOR PERFORMING FLOW CONTROL AND METHOD THEREOF	Taiwan	07 May 2003	95118398	01 Feb 2012		01 Feb 2012	1857743
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Taiwan	07 May 2003	96101988	01 Feb 2012	200746723	01 Feb 2012	1867744
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	United States of America	10 May 2002	60/376,858				
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	United States of America	08 May 2003	10/431,897	12 Feb 2004	US-2004-0027997-A1	08 May 2012	6,175,030
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Venezuela	12 May 2003	754-03	19 Dec 2005			
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Patent Cooperation Treaty	08 May 2003	PCT/US03/14884	20 Nov 2003	WO/03/08653A3		
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Argentina	12 May 2003	P030101546	23 Feb 2005	AR038544A1	20 Dec 2007	AR038544B1
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Argentina	12 May 2003	P070104354	23 Dec 2008	AR063092A2	08 Oct 2009	AR063092B2
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Canada	08 May 2003	2,485,579				
USER EQUIPMENT WHICH PERFORMS COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Germany (Federal Republic of)	09 May 2003	20307251.0			25 Sep 2003	20307251.0
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	European Patent	08 May 2003	03728849.5	29 Jun 2005	167359	17 Jul 2013	1546744
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Japan	08 May 2003	2004-504400	25 Aug 2005	2005-525739	02 Nov 2007	4035536
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Japan	08 May 2003	2006-007818	13 Jul 2006	2006-7818	28 May 2010	4519075

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COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Japan	08 May 2003	2008-021560	17 Jul 2008	2008-167473	12 Mar 2010	4473317
USER EQUIPMENT WHICH PERFORMS COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	10 May 2003	20-2003-0014442			10 Oct 2003	0330756
USER EQUIPMENT WHICH PERFORMS COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	08 Oct 2004	10-2004-0080188			22 Jan 2007	0875114
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2004-7018122			25 Oct 2006	0841008
USER EQUIPMENT WHICH PERFORMS COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	08 Oct 2004	10-2005-0078295				
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2006-7015732			10 Aug 2011	1067440
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Mexico	08 May 2003	PA/A/2004/011168			20 Apr 2009	266170
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Mexico	08 May 2003	MX/A/2007/011564			10 May 2010	275810
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Malaysia	09 May 2003	P120031753				
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Malaysia	09 May 2003	P120071170				
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Norway	08 May 2003	20045366				
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Taiwan	07 May 2003	92112480	11 Oct 2005	200401550	11 Oct 2005	241813
METHOD FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Argentina	27 Jun 2003	P030102328	23 Mar 2005	AR040291A1	29 Jun 2007	AR040291B1
METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Canada	28 Jun 2003	2,490,904				
USER EQUIPMENT OPERATING IN INTEGRATED WLAN-CELLULAR SYSTEMS	Germany (Federal Republic of)	27 Jun 2003	20309854.0			02 Oct 2003	20309854.0
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	European Patent	28 Jun 2003	03762034.1				
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Japan	28 Jun 2003	2004-517812	20 Oct 2005	2005-931984	12 Dec 2008	4230885
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Japan	28 Jun 2003	2005-282023	16 Feb 2006	2006-050669		
USER EQUIPMENT OPERATING IN INTEGRATED WLAN-CELLULAR SYSTEMS	Korea, Republic of (KR)	28 Jun 2003	20-2003-0020599			28 Oct 2003	0332331
USER EQUIPMENT OPERATING IN INTEGRATED WLAN-CELLULAR SYSTEMS	Korea, Republic of (KR)	28 Jun 2003	10-2004-0088523			22 Dec 2006	0883148

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SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Korea, Republic of (KR)	28 Jun 2003	10-2004-7021398				
METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Korea, Republic of (KR)	28 Jun 2003	10-2005-7016525	20 Oct 2005	10-2005-010236		
USER EQUIPMENT OPERATING IN INTEGRATED WLAN-CELLULAR SYSTEMS	Korea, Republic of (KR)	28 Jun 2003	10-2005-0103096	15 Dec 2005	10-20050116125		
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Mexico	28 Jun 2003	PA/A/2005/000084			25 Sep 2007	249419
METHOD FOR COORDINATION SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Malaysia	27 Jun 2003	P120032420			31 Jan 2008	MY-135054-A
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Norway	28 Jun 2003	20050211				
USER EQUIPMENT OPERATING IN INTEGRATED WLAN-CELLULAR SYSTEMS	Taiwan	27 Jun 2003	92211670	05 Aug 2004	584358	05 Aug 2004	222588
METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Taiwan	24 Jun 2003	92117186	21 Jul 2006	200401535	21 Jul 2006	258947
METHOD FOR COORDINATION SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Taiwan	24 Jun 2003	93105013	01 Jan 2005	200501785		
METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Taiwan	24 Jun 2003	95123031		200718228		
METHOD FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	United States of America	28 Jun 2002	60/392,894				
METHOD AND SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	United States of America	20 Jun 2003	10/600,805	01 Jan 2004	US-2004-0002330-A1	31 Jul 2007	7,251,486
METHOD FOR COORDINATION SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Venezuela	30 Jun 2003	1097-03	17 Apr 2006			
SYSTEM FOR COORDINATING SERVICES IN INTEGRATED WLAN-CELLULAR SYSTEMS	Patent Cooperation Treaty	28 Jun 2003	PCT/US03/20035	08 Jan 2004	WO 2004/004187A3		
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Canada	18 Jul 2003	2,492,503				
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	European Patent	18 Jul 2003	03788783.9			13 Feb 2006	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Japan	18 Jul 2003	2004-523166			15 May 2005	4310272
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Korea, Republic of (KR)	18 Jul 2003	10-2005-7000981			22 Mar 2007	0701001
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Korea, Republic of (KR)	18 Jul 2003	10-2005-7018254				

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ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Mexico	18 Jul 2003	PA/A/2005/000 787	27 Jun 2005		08 Jan 2008	252951
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Mexico	18 Jul 2003	MX/A/2007/014 247				
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Norway	18 Jul 2003	20050678				
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Taiwan	18 Jul 2003	92119760	01 Jan 2006		01 Jan 2006	1246832
A METHOD FOR REASSIGNING CODES OF AN ORTHOGONAL VARIABLE SPREADING FACTOR CODE TREE IN A CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM	Taiwan	18 Jul 2003	93105824	11 Apr 2007	200501648	11 Apr 2007	279101
METHOD FOR REASSIGNING CODES OF ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE USED IN CODE DIVISIONAL MULTIPLE ACCESS COMMUNICATIONS	Taiwan	18 Jul 2003	095126438	21 Jul 2010	200721718	21 Jul 2010	1327836
CODE MANAGEMENT	United States of America	18 Jul 2002	60/396,822				
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	United States of America	18 Jul 2003	10/622,681	08 Jul 2004	US2004013100 6A1	27 May 2008	7,379,488
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE TREE PRUNING	United States of America	31 Jul 2002	60/399,864				
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Patent Cooperation Treaty	18 Jul 2003	PCT/US03/226 37	29 Jan 2004	WO2004/01069 1A3		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Argentina	01 Aug 2003	P030102779	20 Apr 2005	AR040768A1		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Argentina	01 Aug 2003	P080100960	24 Jun 2008	AR065673A2	21 Jul 2010	AR065673B2
BASE STATION USING POWER CONTROL OF A POINT TO MULTIPOINT PHYSICAL CHANNEL	Germany (Federal Republic of)	01 Aug 2003	20311911.8			04 Dec 2003	20311911.8
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	European Patent	01 Aug 2003	03767122.9	05 May 2004	1527628		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	European Patent	01 Aug 2003	08101669.3	30 Apr 2008	1918777	28 Sep 2011	1918777
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Japan	01 Aug 2003	2004-526372	17 Nov 2005	2005-535237		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Japan	01 Aug 2003	2008-006282	11 May 2006	2008-121758		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2003-53514	11 Feb 2004	10-2004-0012803	04 Mar 2013	1241088
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Korea, Republic of (KR)	13 Aug 2003	20-2003-0028106			22 Oct 2003	0331918

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POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2003-0074207				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2005-7001810				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2005-7018677	23 Nov 2005	10-2005-0110707		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Malaysia	01 Aug 2003	P120032923			31 Dec 2009	MY-140346-A
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Malaysia	01 Aug 2003	P120071628				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Taiwan	01 Aug 2003	92121235	21 May 2005		21 May 2005	233274
BASE STATION USING POWER CONTROL OF A POINT TO MULTIPOINT PHYSICAL CHANNEL	Taiwan	01 Aug 2003	92214088	11 Aug 2004		11 Aug 2004	240756
METHOD AND BASE STATION FOR TRANSFERRING DATA	Taiwan	01 Aug 2003	93105989	21 Apr 2010	200428804	21 Apr 2010	1323988
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Taiwan	01 Aug 2003	095128080	01 Oct 2011	200723733	01 Oct 2011	10350075
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	United States of America	01 Aug 2002	60/400,802				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	United States of America	01 Aug 2003	10/632,776	30 Dec 2004	US-2004-0266447-A1	15 Jul 2008	7,400,861
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Venezuela	01 Aug 2003	1304-03	17 Apr 2005			
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Patent Cooperation Treaty	01 Aug 2003	PCT/AJ503/24289	12 Feb 2004	WO2004/013861A3		
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Argentina	04 Dec 2003	P030104466	15 Jun 2005	AR042292A1	30 Jan 2007	AR042292B1
DETECTION OF CHANNEL QUALITY INDICATOR	Australia	02 Dec 2003	2003293230	18 Jan 2007	2003293230	14 Jun 2007	2003293230
DETECTION OF CHANNEL QUALITY INDICATOR	Australia	02 Dec 2003	2007261359			03 Sep 2009	2007201359
DETECTION OF CHANNEL QUALITY INDICATOR	Brazil	02 Dec 2003	P10316890-6	04 Oct 2005	OFF. GAZETTE 1813		
DETECTION OF CHANNEL QUALITY INDICATOR	Canada	02 Dec 2003	2,508,525			16 Nov 2010	2,508,525
DETECTION OF CHANNEL QUALITY INDICATOR	European Patent	02 Dec 2003	03790222.8	31 Aug 2005	1568185	11 May 2011	1568185

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RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Georgia	02 Dec 2003	AP2003008882				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Georgia	02 Dec 2003	AP2003009954			26 Jul 2010	5058
DETECTION OF CHANNEL QUALITY INDICATOR	Indonesia	02 Dec 2003	W03200501790	17 Nov 2005	044.978A	29 Jan 2007	ID0018720
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Israel	02 Dec 2003	168896			01 Mar 2011	168896
DETECTION OF CHANNEL QUALITY INDICATOR	India	02 Dec 2003	2287/DELNP/2005	05 Jan 2007		30 Jun 2008	221664
DETECTION OF CHANNEL QUALITY INDICATOR	India	02 Dec 2003	1694/DELNP/2008	27 Jun 2008			
DETECTION OF CHANNEL QUALITY INDICATOR	Japan	02 Dec 2003	2004-570968	16 Mar 2006	2006-509478	22 Apr 2011	4726494
DETECTION OF CHANNEL QUALITY INDICATOR	Japan	02 Dec 2003	2007-234883	13 Dec 2007	2007-325214	08 Apr 2012	4964711
DETECTION OF CHANNEL QUALITY INDICATOR	Korea, Republic of (KR)	02 Dec 2003	10-2005-7010170			18 Feb 2011	1017040
DETECTION OF CHANNEL QUALITY INDICATOR	Korea, Republic of (KR)	02 Dec 2003	10-2006-7016974			26 May 2011	1038482
DETECTION OF CHANNEL QUALITY INDICATOR	Mexico	02 Dec 2003	PAJA/2005/005832	30 Sep 2005		05 Dec 2007	262213
DETECTION OF CHANNEL QUALITY INDICATOR	Mexico	02 Dec 2003	MX/a/2007/015259			14 Jul 2010	277233
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Malaysia	03 Dec 2003	P120034624			31 Mar 2008	MY-135263-A
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Malaysia	03 Dec 2003	P120071679				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Norway	02 Dec 2003	20053094				
DETECTION OF CHANNEL QUALITY INDICATOR	Singapore	02 Dec 2003	200503586-0			31 Jul 2007	113669
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Singapore	02 Dec 2003	200703959-7	29 Apr 2010	160204		
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Taiwan	02 Dec 2003	92133945	21 Sep 2006		21 Sep 2006	262730

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A BASE STATION FOR DETERMINING A CHANNEL QUALITY AND THE METHOD THEREOF, AND WIRELESS TRANSMIT/RECEIVE UNIT	Taiwan	02 Dec 2003	093120814	01 Feb 2011	200518496	01 Feb 2011	1337018
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Taiwan	02 Dec 2003	95148060	21 May 2011	200737784	21 May 2011	1342666
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	04 Dec 2002	60/430,854				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	03 Dec 2003	10/726,374	10 Jun 2004	US 2004-0110473 A1	19 May 2008	7,536,154
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Venezuela	04 Dec 2003	2121-03	22 Dec 2006			
DETECTION OF CHANNEL QUALITY INDICATOR	Patent Cooperation Treaty	02 Dec 2003	PC1/US03/38243	17 Jun 2004	WO2004/051872A3		
METHOD FOR IUB SIGNALING FOR OUTER-LOOP POWER CONTROL SETTING ON UL (UPLINK) CHANNELS WITH DL (DOWNLINK) CHANNEL-QUALITY REPORTING	United States of America	08 Jan 2003	60/438,560				
HARQ IN SOFT HANDOVER	United States of America	01 Oct 2003	60/507,554				
MESSAGES TO SUPPORT HANDOVER FOR ENHANCED LINK	United States of America	03 Oct 2003	60/508,797				
MESSAGES TO SUPPORT HANDOVER FOR ENHANCED LINK	United States of America						
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Argentina	12 Nov 2004	P040104167	07 Dec 2006	AR046375A1	27 Mar 2008	AR046375B1
NODE-B ACTIONS DURING ENHANCED UPLINK SERVING CELL CHANGE	United States of America	05 Nov 2003	60/517,656				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Australia	09 Nov 2004	2004211071	15 May 2008		08 Sep 2008	2004311071
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Australia	09 Nov 2004	2008205439			18 Jun 2010	2008205439
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Brazil	09 Nov 2004	PI0416301-0	09 Jan 2007			
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Canada	09 Nov 2004	2,545,528			21 Sep 2010	2,545,528

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WIRELESS MULTI-CELL COMMUNICATION SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Germany (Federal Republic of)	12 Nov 2004	202004017594.0			12 Jan 2009	202004017594.0
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	European Patent	09 Nov 2004	04800968.2	09 Aug 2006	1667903		
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Georgia	09 Nov 2004	AP2004009450				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Indonesia	09 Nov 2004	W00200601269	31 Aug 2006	0463122A	27 Dec 2011	IDP0029782
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Israel	09 Nov 2004	175500	30 Aug 2012		01 Dec 2012	175500
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	India	09 Nov 2004	3352/DELNP/2006			05 Oct 2011	249181
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Japan	09 Nov 2004	2006-539812	26 Apr 2007	2007-511185	30 Sep 2011	4834555
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Japan	09 Nov 2004	2007-236950			30 Sep 2011	4834632
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	12 Nov 2004	10-2004-0092224			13 Feb 2007	0684570
WIRELESS MULTI-CELL COMMUNICATION SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	03 Jan 2005	20-2005-0000053	07 Apr 2006		26 Mar 2006	0380755
METHOD FOR EFFICIENT SCHEDULING OF THE UL AND DL TRANSMISSIONS AND WIRELESS COMMUNICATION SYSTEM	Korea, Republic of (KR)	12 Nov 2004	10-2005-0080147			26 Aug 2010	0879455
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	09 Nov 2004	10-2006-7010585	09 Jan 2007	10-2007-0004543	23 Feb 2012	1122342
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Mexico	09 Nov 2004	PA/A/2006/006240	31 Aug 2006		03 Mar 2009	264645
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Malaysia	10 Nov 2004	P120044700			30 Apr 2008	MY-138132-A
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Norway	09 Nov 2004	20062502				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Singapore	09 Nov 2004	200803167-8			30 Jan 2009	122351

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METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Taiwan	10 Nov 2004	93134379	21 Aug 2007	200526048	21 Aug 2007	266037
WIRELESS MULTI-CELL COMMUNICATION SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Taiwan	11 Nov 2004	93218054	11 Jul 2005		11 Jul 2005	270573
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Taiwan	10 Nov 2004	94118902	11 Jul 2012	200612760	11 Jul 2012	1368451
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Taiwan	10 Nov 2004	95142750	11 May 2012	200840376	11 May 2012	1364229
METHOD FOR SIGNALING MOBILE SPECIFIC INFORMATION FROM THE REMOTE NETWORK CONTROLLER TO THE NODE B	United States of America	12 Nov 2003	60/518,436				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	United States of America	03 Nov 2004	10/960,723	14 Jul 2005	US 2005-0152310 A1	06 Oct 2009	7,599,339
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Venezuela	12 Nov 2004	1943-04	25 Jun 2007	Bulletin 466		
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Patent Cooperation Treaty	09 Nov 2004	PCT/US04/375 24	02 Jun 2005	WO 2005/050850 A2		
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Argentina	05 Nov 2004	PO40104090	07 Dec 2005	AR046368A1	08 Mar 2007	AR046368B1
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Australia	29 Oct 2004	2004310356	24 Apr 2008		07 Aug 2008	2004310356
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Australia	29 Oct 2004	2008203316			14 Jan 2010	2008203318
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Brazil	29 Oct 2004	PI0412969-8	26 Sep 2006			
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Canada	29 Oct 2004	2,541,777				

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WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	European Patent	29 Oct 2004	04818612.8	19 Jul 2006	1680933	19 Jun 2013	1680933
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Georgia	29 Oct 2004	AP2004008434			06 Jun 2010	4989
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Indonesia	29 Oct 2004	WB0200601131	30 Aug 2007	0473278A	21 Apr 2009	IDPG023274
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Israel	29 Oct 2004	173216	30 Nov 2011		01 Mar 2012	173216
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	India	29 Oct 2004	3214/DELNP/2006	24 Aug 2007			
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Japan	29 Oct 2004	2006-538407				
WIRELESS COMMUNICATION METHOD COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Japan	29 Oct 2004	2008-222378	19 Mar 2009	2008-080813	11 May 2012	4988672
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2006-7002834	07 Dec 2006	10-2006-0128421	27 Feb 2012	1123467
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Mexico	29 Oct 2004	PA/A/2006/003009	31 Jul 2006		29 Jan 2009	284155
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Norway	29 Oct 2004	20062507				

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WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Singapore	29 Oct 2004	200602733-8			30 Jun 2008	121629
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Taiwan	01 Nov 2004	93133273	21 Jul 2008	200518492	21 Jul 2006	258929
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Taiwan	01 Nov 2004	94114807	01 May 2006	200614639		
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Taiwan	01 Nov 2004	96141767	01 Oct 2008	200840393	11 Sep 2013	1408979
SOFT HANDOVER IN ENHANCED UPLINK	United States of America	17 Nov 2003	60/520,692				
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	United States of America	12 Oct 2004	10/962,720	05 May 2005	US 2005-0094600 A1	18 May 2006	7,046,648
SUPPORTING ENHANCED UPLINK TRANSMISSION DURING SOFT HANDOVER	United States of America	15 May 2006	11/434,330	28 Sep 2006	US-2006-0216662-A1	06 Mar 2012	8,130,720
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Patent Cooperation Treaty	29 Oct 2004	PCT/US04/383 10	26 May 2005	WO 2005/048603 A3		
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	United States of America	14 Nov 2003	60/520,207				
UPLINK SCHEDULING FUNCTION FOR ENHANCED UPLINK DURING SOFT HANDOVER	United States of America	14 Nov 2003	60/516,690				
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Israel	25 Aug 2004	172702	31 Aug 2011	08/2011	01 Dec 2011	172702
METHOD AND SYSTEM FOR OPERATING HYBRID AUTOMATIC REPEAT REQUEST	India	25 Aug 2004	1414/DELNP/2 006			20 Sep 2010	242926
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Japan	25 Aug 2004	2006-524806	22 Feb 2007	2007-503779		
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Japan	25 Aug 2004	2007-244349				

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ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	10-2006-7003885	28 Jun 2006	10-2006-0073608	11 Nov 2011	1084778
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Mexico	25 Aug 2004	PAJA/2006/000996	30 Apr 2006		13 Apr 2009	266945
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Argentina	25 Aug 2004	PO40103049	02 Nov 2005	ARD45492A1	20 Aug 2006	ARD45492B1
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Australia	25 Aug 2004	2004302809	22 May 2008		08 Sep 2008	2004302809
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Australia	25 Aug 2004	2008207458			27 Oct 2011	2008207458
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Brazil	25 Aug 2004	PI0412612-2	26 Sep 2006			
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Canada	25 Aug 2004	2,534,065			24 Apr 2012	2,534,065
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	European Patent	25 Aug 2004	04782092.3	31 May 2006	1661278	06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Georgia	25 Aug 2004	AP2004009309			12 Jul 2010	9037
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Indonesia	25 Aug 2004	W00200600775	20 Jul 2006	0462560A	29 Jun 2007	100018510
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Norway	25 Aug 2004	20061311			17 Sep 2014	332422
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Singapore	25 Aug 2004	200601210-8			29 Oct 2010	119896
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Singapore	25 Aug 2004	200805932-1	29 Sep 2008	145733	28 Feb 2014	145733
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Taiwan	28 Aug 2004	83125654	11 Jul 2007	200509716	11 Jul 2007	283965
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Taiwan	28 Aug 2004	94108515	21 Dec 2011	200614637	21 Dec 2013	1355210
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Taiwan	28 Aug 2004	95131740	11 Apr 2013	200830904	11 Apr 2013	1393460
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	United States of America	25 Aug 2003	60/497,747				
HARQ OPERATION IN SOFTER HANDOVER	United States of America	02 Jul 2004	60/585,174				
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	United States of America	25 Aug 2004	10/925,426	26 May 2005	US2005-0111369A1	20 Sep 2011	8,023,463
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Patent Cooperation Treaty	25 Aug 2004	PCT/US04/27526	10 Mar 2005	WO 2005/022798 A1		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Argentina	29 Apr 2005	PO80101709	17 May 2006	24572	24 Apr 2007	ARD48720B1
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Australia	04 Apr 2005	2005242432	29 Jan 2009		14 May 2009	2005242432

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METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Brazil	04 Apr 2005	PI0508815-7				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Canada	04 Apr 2005	2,564,465			01 Feb 2011	2,564,465
APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Germany (Federal Republic of)	29 Apr 2005	202005006889.6			08 Sep 2005	202005006889.6
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	European Patent	04 Apr 2005	05733054.0	10 Jan 2007	1741235		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Georgia	04 Apr 2005	AP2005009711			25 May 2010	P4992
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Indonesia	04 Apr 2005	W00200603045	08 Feb 2007	0470722A	06 Apr 2009	IDP0023203
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Indonesia	04 Apr 2005	W00200802680	18 Sep 2008	048.3700 A		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Israel	04 Apr 2005	178760				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	India	04 Apr 2005	6852/DELNP/Z 006	13 Jul 2007			
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Japan	04 Apr 2005	2007-510744	27 Dec 2007	2007-538421		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Korea, Republic of (KR)	29 Apr 2005	10-2005-0036041	18 May 2006	10-2006-0047633	22 May 2012	1150692
APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Korea, Republic of (KR)	04 May 2005	20-2005-0012598	25 Jul 2005		25 Jul 2005	0391480
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Korea, Republic of (KR)	29 Apr 2005	10-2005-0091130	23 Aug 2006	10-2006-0092949	26 Jun 2012	1162785
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Korea, Republic of (KR)	04 Apr 2005	PCT/US05/11247				

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METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Mexico	04 Apr 2005	PA/A/2005/012458	31 Jan 2007		29 Oct 2009	271348
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Malaysia	28 Apr 2005	PI20051871			13 Jan 2012	MY-145295-A
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Norway	04 Apr 2005	20065445				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Singapore	04 Apr 2005	200607421-5			30 Nov 2009	127042
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Taiwan	06 Apr 2005	94110927	01 Dec 2011	200541256	01 Dec 2011	953743
APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Taiwan	07 Apr 2005	94205414	21 Oct 2005		21 Oct 2005	279112
FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK	United States of America	29 Apr 2004	60/566,588				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	United States of America	31 Mar 2005	11/095,912	03 Nov 2005	US 2005-0243631 A1	13 Sep 2011	8,018,945
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Venezuela	28 Apr 2005	796-05	17 Dec 2007	Bulletin 491		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Patent Cooperation Treaty	04 Apr 2005	PCT/US05/11247	24 Nov 2005	WO 2005/112357 A2		
METHOD AND SYSTEM FOR ENHANCING A TRANSMISSION USING HARQ/ARQ DURING HANDOVER	United States of America	10 Jun 2004	60/578,874				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Korea, Republic of (KR)	28 Jul 2005	10-2007-7005608	15 May 2007	10-2007-0050472	17 Aug 2009	0913564
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Korea, Republic of (KR)	28 Jul 2005	10-2007-7008710	13 Jun 2007	10-2007-0061561		
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Mexico	28 Jul 2005	MX/a/2007/001708				

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PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Norway	28 Jul 2005	20071262				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Taiwan	29 Jul 2005	94125978	21 Nov 2008	200620876	21 Nov 2008	1287262
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Taiwan	29 Jul 2005	98104277	01 Mar 2013	200707955	01 Mar 2013	1388147
MULTIPLE DATA STREAM SYSTEM WITH MULTIPLE-INPUT MULTIPLE-OUTPUT ANTENNAS FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEMS WITH SUB-CARRIER ALLOCATION	United States of America	11 Aug 2004	69/600,742				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	United States of America	26 Jul 2005	11/188,649	18 Feb 2008	US 2008-0034164 A1	03 Mar 2009	7,499,393
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Patent Cooperation Treaty	28 Jul 2005	PCT/US05/26765	23 Feb 2008	WO2008/020411A2		
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Canada	28 Jul 2005	2,576,515				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	European Patent	28 Jul 2005	05777225.3				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Japan	28 Jul 2005	2007-525644	03 Apr 2008	2008-510375		
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Argentina	27 Dec 2007	P070105918	08 Apr 2009	AR064549A1		
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Taiwan	24 Dec 2007	96149792	01 Aug 2008	200833137		
LONG TERM EVOLUTION PROCEDURES FOR EVOLVED NODE-B SELF CONFIGURATION	United States of America	27 Dec 2006	60/882,079				
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	United States of America	28 Dec 2007	11/964,596	10 Jul 2008	US-2008-0167003-A1	20 Sep 2011	8,024,000
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Venezuela	27 Dec 2007	2007-002841	05 Oct 2010	515		
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Patent Cooperation Treaty	27 Dec 2007	PCT/US07/26380	10 Jul 2008	WO2008/082587		

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RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	12 May 2009	12/484,312	03 Sep 2009	US 2009-0221329 A1	30 Aug 2011	8,010,053
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	United States of America	02 Mar 2009	12/396,035	25 Jun 2009	US-2009-0161783-A1		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2009-7005566	14 Apr 2009	10-2009-0036808	25 Feb 2010	0945408
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	Mexico	25 Aug 2004	MX/a/2009/003 528			28 Mar 2011	285164
RAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2009-7011179	22 Jul 2009	10-2009-0079970	19 May 2011	1037148
FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK	Malaysia	28 Apr 2005	P1 20092466				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	European Patent	02 Dec 2003	10189788.8				
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Denmark	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Finland	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	France	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Germany (Federal Republic of)	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Ireland (Republic of)	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Italy	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Netherlands	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Spain	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Sweden	25 Aug 2004	04782092.3			06 May 2009	1661278
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	United Kingdom	25 Aug 2004	04782092.3			06 May 2009	1661278
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2009-7018291	03 Nov 2009	10-2009-0114429	05 Aug 2011	1058480
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Australia	27 Dec 2007	2007339304			17 Mar 2011	2007339304
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Brazil	27 Dec 2007	PI0719638-3				

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METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Canada	27 Dec 2007	2,674,040				
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	India	27 Dec 2007	4304/DEN/P/2009	01 Jan 2010			
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Indonesia	27 Dec 2007	WOO 2009 01839	10 Sep 2009	0483311A	28 Nov 2012	IDP0032347
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Israel	27 Dec 2007	199610				
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Japan	27 Dec 2007	2009-544096	06 May 2010	2010-515368	11 Jan 2013	5175861
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Korea, Republic of (KR)	27 Dec 2007	10-2009-7015773	18 Sep 2009	10-2009-0098997	07 May 2013	1263880
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Malaysia	27 Dec 2007	PI 20092797				
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Mexico	27 Dec 2007	MX/a/2009/007080	01 Jul 2009		27 Apr 2012	298655
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Russian Federation	27 Dec 2007	2009126654			20 Jul 2011	2424634
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Singapore	27 Dec 2007	200904429-B			13 Jan 2012	1538000
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	European Patent	27 Dec 2007	07868059.2				
METHOD AND APPARATUS FOR FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Singapore	04 Apr 2005	200905231-7	30 Sep 2009	155190	15 Feb 2013	166190
FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK	Mexico	04 Apr 2005	MX/a/2008/008441			03 Feb 2012	295809
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Argentina	12 May 2003	PO80103130	06 Oct 2010	AR073042		
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Australia	02 Dec 2003	2008210374				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Malaysia						
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	United States of America	15 Sep 2009	12/559,641	07 Jan 2010	US-2010-002648-A1	12 Oct 2010	7,813,328
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Korea, Republic of (KR)	27 Dec 2007	10-2009-7018666	19 Oct 2009	10-2009-0109125		
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	29 Aug 2004	1020087017700	24 Sep 2009	10-2009-0101319	05 Dec 2012	1211267
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Japan	08 May 2003	2009-242546	21 Jan 2010	2010-016909	11 May 2012	4968804

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HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	102009702000	09 Nov 2009	10-2009-0115880	05 Dec 2012	1211342
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE-UNIT SPECIFIC INFORMATION	Korea, Republic of (KR)	09 Nov 2004	10-2009-7023463	31 Dec 2009	10-2009-0133132	20 Jan 2012	1116900
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2009-7022803	23 Dec 2009	10-2009-0130401	14 Aug 2012	1175838
A METHOD FOR PERFORMING OUTER LOOP POWER CONTROL AND A BASE STATION AND A RADIO NETWORK CONTROLLER CONFIGURED FOR PERFORMING THE OUTER LOOP POWER CONTROL	Israel	02 Dec 2003	202323	31 Oct 2012		01 Feb 2013	202323
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2010-7002356	22 Mar 2010	10-2010-0031543	15 Mar 2011	1024001
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Australia	29 Oct 2004	2009251173			04 Oct 2012	2009251173
RAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Taiwan	26 Mar 2003	099101284	01 Dec 2010	201042955		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2010-7002955	31 Mar 2010	10-2010-0034034		
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Taiwan	07 May 2003	099107015				
RAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Korea, Republic of (KR)	25 Mar 2003	10-2010-7008053	04 Jun 2010	10-2010-0059978	26 Sep 2011	1089301
POWER CONTROL OF POINT TO MULTIPOINT CHANNELS	United States of America	12 Apr 2010	12/758,330	05 Aug 2010	US-2010-0197341-A1		
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH	United States of America	30 Apr 2010	12/771,710	19 Aug 2010	US-2010-0208772-A1		
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	India	25 Aug 2004	2483/DELNP/2010	13 Jan 2012	02/2012-504		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Taiwan	01 Aug 2003	099112598				
METHOD FOR SIGNALING MOBILE SPECIFIC INFORMATION FROM THE REMOTE NETWORK CONTROLLER TO THE NODE B	Australia	09 Nov 2004	2010202323				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Canada	04 Apr 2005	2,713,822				

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METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Canada	09 Nov 2004	2,712,077				
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2010-0057253	10 Aug 2010	10-2010-0088665	18 Feb 2012	1119770
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Finland	18 Jul 2003	03785793.9			13 Feb 2008	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	France	18 Jul 2003	03785793.9			13 Feb 2008	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Germany (Federal Republic of)	18 Jul 2003	03785793.9			13 Feb 2008	60319092.8
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Italy	18 Jul 2003	03785793.9			13 Feb 2008	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Spain	18 Jul 2003	03785793.9			13 Feb 2008	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Sweden	18 Jul 2003	03785793.9			13 Feb 2008	1527582
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	United Kingdom	18 Jul 2003	03785793.9			13 Feb 2008	1527582
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	United States of America	11 Oct 2010	12/601,931	03 Feb 2011	US-2011-0028479-A1	18 Sep 2012	8,270,351
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Korea, Republic of (KR)	08 May 2003	10-2010-7014480	24 Aug 2010	10-2010-0093102		
SYSTEM TO IMPLEMENT COMMUNICATION SERVICES IN TIMEDIVISION DUPLEX-RADIO LOCAL AREA NETWORK (TDD-RLAN)	Korea, Republic of (KR)	25 Mar 2003	10-2010-7027848	09 Feb 2011	10-20110013470	22 Feb 2013	1238280
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Japan	25 Aug 2004	2011-089039	18 Aug 2011	2011-160450		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	France	01 Aug 2003	08101669.3			28 Sep 2011	1916777
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Germany (Federal Republic of)	01 Aug 2003	08101669.3			28 Sep 2011	60338873.7
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	Netherlands	01 Aug 2003	08101669.3			28 Sep 2011	1916777
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS	United Kingdom	01 Aug 2003	08101669.3			28 Sep 2011	1916777
METHOD FOR SIGNALING MOBILE SPECIFIC INFORMATION FROM THE REMOTE NETWORK CONTROLLER TO THE NODE B	Korea, Republic of (KR)	09 Nov 2004	10-2011-7010848	27 May 2011	10-2011-0056433	15 Feb 2013	1235708
DETECTION OF CHANNEL QUALITY INDICATOR	Denmark	02 Dec 2003	09790222.8			11 May 2011	1588185
DETECTION OF CHANNEL QUALITY INDICATOR	France	02 Dec 2003	03790222.8			11 May 2011	1588185

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DETECTION OF CHANNEL QUALITY INDICATOR	Germany (Federal Republic of)	02 Dec 2003	03790222.8			11 May 2011	60337098.9
DETECTION OF CHANNEL QUALITY INDICATOR	Italy	02 Dec 2003	03790222.8			11 May 2011	1566185
DETECTION OF CHANNEL QUALITY INDICATOR	Netherlands	02 Dec 2003	03790222.8			11 May 2011	1566185
DETECTION OF CHANNEL QUALITY INDICATOR	United Kingdom	02 Dec 2003	03790222.8			11 May 2011	1566185
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	10-2011-7014417	19 Jul 2011	10-2011-0082634	05 Jun 2012	1155810
A METHOD FOR ENHANCED UPLINK OPERATION	Japan	09 Nov 2004	2011-133722	04 Nov 2011	2011-223616	31 Aug 2012	5074813
DETECTION OF CHANNEL QUALITY INDICATOR	Japan	02 Dec 2003	2011-133723	04 Nov 2011	2011-223617		
POWER CONTROL OF POINT TO MULTIPPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2011-0041808	13 Jul 2011	10-2011-0081118	18 Feb 2012	1119765
WIRELESS COMMUNICATION METHOD COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Japan	29 Oct 2004	2011-165491	15 Dec 2011	2011-254519		
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	22 Aug 2011	13/214,490			19 Jun 2012	8,204,480
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	United States of America	19 Sep 2011	13/236,133	05 Jan 2012	US-2012-0002642-A1		
METHOD AND APPARATUS FOR FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	United States of America	09 Sep 2011	13/229,437	29 Dec 2011	US-2011-0317546-A1		
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2011-7021415	07 Oct 2011	10-2011-0110860	25 Jan 2013	1228455
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	United States of America	18 Sep 2011	13/234,764	05 Jan 2012	US2012-0003961A1	02 Jul 2013	8,478,343
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Japan	04 Apr 2005	2011-233127	22 Mar 2012	2012-060654		
METHOD AND APPARATUS FOR BASE STATION SELF CONFIGURATION	European Patent	27 Dec 2007	11191661.5				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	Singapore	02 Dec 2003	201108895-2				

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SUPPORTING ENHANCED UPLINK TRANSMISSION DURING SOFT HANDOVER	United States of America	01 Dec 2011	13/308,950	29 Mar 2012	US-2012-0076095-A1	04 Jun 2013	8,457,072
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	France	10 Feb 2000	06008295.5			28 Mar 2012	1581774
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Germany (Federal Republic of)	10 Feb 2000	06008295.5			28 Mar 2012	60047037.7
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Netherlands	10 Feb 2000	06008295.5			28 Mar 2012	1681774
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Spain	10 Feb 2000	06008295.5			28 Mar 2012	1681774
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	Sweden	10 Feb 2000	06008295.5			28 Mar 2012	1681774
ASYMMETRICAL FORWARD/REVERSE TRANSMISSION BANDWIDTH (SELECTABLE BANDWIDTH PROCESSING)	United Kingdom	10 Feb 2000	06008295.5			28 Mar 2012	1681774
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Taiwan	28 Aug 2004	100150035	18 Nov 2012	201248958		
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	09 Nov 2004	10-2012-700661	29 Feb 2012	10-2012-0018225	07 Mar 2013	1243137
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	10-2012-7004417	20 Mar 2012	10-2012-0027060		
POWER CONTROL OF POINT TO MULTIPPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2011-0142731	30 Apr 2012	10-2012-0041149		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Japan	08 May 2003	2012-025155	02 Aug 2012	2012-147443		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Taiwan	07 May 2003	101103629	16 May 2012	201220774		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	United States of America	11 Apr 2012	13/444,283	02 Aug 2012	US-2012-0195194-A1	19 Feb 2013	8,379,575
FORWARDING OF NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK	Australia	04 Apr 2005	2012200807				
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	15 Jun 2012	13/524,348	04 Oct 2012	US-2012-0250525-A1	23 Apr 2013	8,428,522
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	European Patent	04 Apr 2005	12160603.2	27 Jun 2012	2469780		

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WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2012-7008772	30 May 2012	10-2012-0054645		
METHODS AND APPARATUS FOR COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSION DURING SOFT HANDOVER	European Patent	29 Oct 2004	12167911.2	19 Sep 2012	2501069		
COGNITIVE FLOW CONTROL TO DEGRADATION OF CHANNEL CONDITIONS	Japan	08 May 2003	2012-108859	06 Sep 2012	2012-170137		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	European Patent	04 Apr 2005	12168530.1	29 Aug 2012	2493133		
ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODE ASSIGNMENT	Taiwan	18 Jul 2003	101116413	16 Feb 2013	201308930		
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	10-2012-7013855	18 Jun 2012	10-2012-0064135		
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	India	04 Apr 2005	5191/DELNP/2012				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	09 Nov 2004	10-2012-7018841	06 Aug 2012	10-2012-0087183		
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEM	Korea, Republic of (KR)	28 Jul 2005	10-2012-70017588	29 Aug 2012	10-2012-0086066		
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Taiwan	01 Nov 2004	101124119	01 Apr 2013	201315264		
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Singapore	29 Oct 2004	201205739-4	27 Sep 2012	183686		
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	United States of America	20 Aug 2012	13/589,723	13 Dec 2012	US-2012-0314628-A1		
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2012-7021244	08 Oct 2012	10-2012-0109625		

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WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Australia	29 Oct 2004	2012227218				
POWER CONTROL OF POINT TO MULTIPPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2012-0101128	01 Nov 2012	10-2012-0120487		
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	Taiwan	26 Mar 2003	101147288				
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Korea, Republic of (KR)	25 Aug 2004	10-2013-7000199	26 Feb 2013	10-2013-0019450		
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	08 Nov 2004	10-2012-7026914	04 Dec 2012	10-2012-0131211		
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	European Patent	25 Mar 2003	12195718.7	15 May 2013	2592797		
TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS	European Patent	25 Mar 2003	12198719.5	15 May 2013	2592788		
METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	Korea, Republic of (KR)	27 Dec 2007	10-2012-7032812	24 Jan 2013	10-2013-0010028		
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEMS	Taiwan	29 Jul 2005					
DETECTION OF CHANNEL QUALITY INDICATOR	Japan	02 Dec 2003	2013-002017	23 May 2013	2013-102498		
METHOD AND APPARATUS FOR VASE STATION SELF CONFIGURATION	Japan	27 Dec 2007	2013-000505	18 Apr 2013	2013-070433		
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	United States of America	31 Jan 2013	13/755,790	08 Jun 2013	US-2013-0142044-A1		
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	France	08 May 2003	03728849.5			17 Jul 2013	1546744
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Germany (Federal Republic of)	08 May 2003	03728849.5			17 Jul 2013	1546744
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	Netherlands	08 May 2003	03728849.5			17 Jul 2013	1546744
COGNITIVE FLOW CONTROL BASED ON CHANNEL QUALITY CONDITIONS	United Kingdom	08 May 2003	03728849.5			17 Jul 2013	1546744
RLAN WIRELESS TELECOMMUNICATIONS WITH RADIO ACCESS NETWORK (RAN) GATEWAY AND METHODS	United States of America	29 Apr 2013	13/672,792	12 Sep 2013	US-2013-0235833-A1		

Schedule A

Application Title	Country	Filed Date	Application No.	Publication Date	Publication Number	Grant Date	Patent #
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Japan	29 Oct 2004	2013-021651	13 Jun 2013	2013-118662		
POWER CONTROL OF POINT TO MULTIPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2013-0014998	11 Apr 2013	10-2013-0036265		
RELIABILITY DETECTION OF CHANNEL QUALITY INDICATOR (CQI) AND APPLICATION TO OUTER LOOP POWER CONTROL	United States of America	15 Apr 2013	13/882,735	29 Aug 2013	US-2013-0223316-A1		
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY IN OFDM-MIMO COMMUNICATION SYSTEM	Korea, Republic of (KR)	28 Jul 2005	10-2013-7008850	28 May 2013	10-2013-0056676		
WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Korea, Republic of (KR)	29 Oct 2004	10-2013-7011258	24 May 2013	10-2013-0054455		
SUPPORTING ENHANCED UPLINK DURING SOFT HANDOVER	United States of America	03 Jun 2013	13/906,242				
RADIO NETWORK CONTROLLER AND NODE-B	Canada						
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Denmark	29 Oct 2004	04818612.6			19 Jun 2013	1680933
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	France	29 Oct 2004	04818612.6			19 Jun 2013	1680933
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Germany (Federal Republic of)	29 Oct 2004	04818612.6			19 Jun 2013	1680933
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Italy	29 Oct 2004	04818612.6			19 Jun 2013	1680933
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Netherlands	29 Oct 2004	04818612.6			19 Jun 2013	1680933

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WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	United Kingdom	29 Oct 2004	04818612.6			19 Jun 2013	1580993
METHODS AND APPARATUS FOR BASE STATION SELF-CONFIGURATION	United States of America	05 Jun 2013	13/910,971				
ENHANCED UPLINK OPERATION IN SOFT HANDOVER	Japan	25 Aug 2004	2013-119218				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Korea, Republic of (KR)	09 Nov 2004	10-2013-7015251	08 Jul 2013	10-2013-0075788		
HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN SOFT HANDOVER	United States of America						
POWER CONTROL OF POINT TO MULTIPPOINT PHYSICAL CHANNELS WITH ASSOCIATED DEDICATED CHANNELS	Korea, Republic of (KR)	01 Aug 2003	10-2013-0105387				
METHOD AND APPARATUS FOR FORWARDING NON-CONSECUTIVE DATA BLOCKS IN ENHANCED UPLINK TRANSMISSIONS	Japan	04 Apr 2005	2013-201884				
PER STREAM RATE CONTROL (PSRC) FOR IMPROVING SYSTEM EFFICIENCY OF OFDM-MIMO COMMUNICATION SYSTEMS	Korea, Republic of (KR)	28 Jul 2005	10-2013-7023841				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Denmark	09 Nov 2004	04800968.2				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	France	09 Nov 2004	04800968.2				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Germany (Federal Republic of)	09 Nov 2004	04800968.2				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Italy	09 Nov 2004	04800968.2				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	Netherlands	09 Nov 2004	04800968.2				
METHOD AND SYSTEM FOR TRANSFERRING WIRELESS TRANSMIT/RECEIVE UNIT-SPECIFIC INFORMATION	United Kingdom	09 Nov 2004	04800968.2				
WIRELESS COMMUNICATION METHOD AND APPARATUS FOR COORDINATING NODE B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER	Mexico	29 Oct 2004	MX/a/2013/011288				