

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5591413

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WIRELESS TECHNOLOGY SOLUTIONS LLC	03/01/2012
RECEIVING PARTY DATA	
Name:	IPWIRELESS, INC.
Street Address:	90 NEW MONTGOMERY STREET, SUITE 315
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16410614
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ATTORNEY DOCKET NUMBER:	3059.7430007
NAME OF SUBMITTER:	ROSS G. HICKS
SIGNATURE:	/Ross G. Hicks, #56,374/
DATE SIGNED:	06/26/2019
Total Attachments: 22	
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Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, and effective as of March 1, 2012, the undersigned hereby:

sells, assigns, and transfers to IPWireless, Inc., having its principal place of business at 90 New Montgomery Street, Suite 315, San Francisco, CA 94105 ("Assignee"), all of Assignor's right, title, and interest in and to the United States and/or foreign patents and/or patent applications listed in Attachment C-1 (the "Assigned Patents"), and, whether or not specifically identified in Attachment C-1, all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, parent applications and divisions of the Assigned Patents; all provisional patent applications, that are or will be continuations or continuations in part of the Assigned Patents; all foreign counterparts to any of the foregoing including, without limitation, utility models; all of Assignor's right, title, and interest in and to all inventions and discoveries claimed or described in the specifications in the Assigned Patents, including without limitation, all rights of Assignor under any agreements assigning ownership of any part, portion, or all of the Assigned Patents from the inventors and/or prior owners to Assignor (but only to the extent related to the Assigned Patents), to the extent such agreements exist or are required for purposes of assigning the ownership under the respective law applicable to such assignment, and all rights of Assignor to license and to collect royalties, including royalties for past infringement, under such Assigned Patents; and all of Assignor's right, title, and interest in and to all causes of action and enforcement rights, whether currently pending, filed, or otherwise, for the Assigned Patents and all inventions and discoveries claimed or described in the specifications therein, including without limitation, all rights to pursue damages, coinjunctive relief, and other remedies for past, current and future infringement of the Assigned Patents; and agrees that said Assignee may apply for and receive a patent or patents for the foregoing assigned inventions and improvements in its own name.

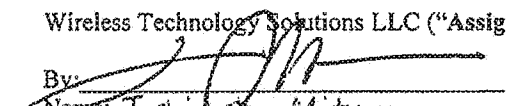
[Signature page follows.]

Assignment of Patent Rights – Original IPWireless Patent Rights

PATENT
REEL: 049591 FRAME: 0598

IN WITNESS WHEREOF, Assignor has executed this Assignment of Patent Rights as of the date first written above:

Wireless Technology Solutions LLC ("Assignor")

By: 
Name: Toshihiro Mitomo
Title: SCA ZPLA Member

By: _____
Name: _____
Title: _____

Signature Page to Assignment of Patent Rights -- Original IPWireless Patent Rights

IN WITNESS WHEREOF, Assignor has executed this Assignment of Patent Rights as of the date first written above:

Wireless Technology Solutions LLC ("Assignor")

By: _____
Name: _____
Title: _____

By: _____
Name: Jonathan Hambridge
Title: Authorized Signatory

Signature Page to Assignment of Patent Rights – Original IP Wireless Patent Rights

Attachment C-1

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
01-0101, 0102, 0103, 0133, 0134	27 Jul 2001	A75710/01	06 Oct 2005	783211	AU	Grant	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	76469/01	08 Dec 2005	782703	AU	Grant	Use Of Radius In Umits To Perform Accounting Functions
	27 Jul 2001	75711/01	13 Jul 2006	784411	AU	Grant	Use Of Radius In Umits Perform Hir Function And For Roaming
	27 Jul 2001	2384888.0			CA	Abandoned	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	2384895.0			CA	Abandoned	Use Of Radius In Umits To Perform Accounting Functions
	27 Jul 2001	2384890.0			CA	Abandoned	Use Of Radius In Umits Perform Hir Function And For Roaming
	01 Nov 2000	00309640.1			EP	Abandoned	Cellular Wireless Internet Access System Using Spread Spectrum And Internet Protocol
	27 Jul 2001	01953215.9			EP	Abandoned	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	01954120.0			EP	Abandoned	Use Of Radius In Umits To Perform Accounting Functions
	27 Jul 2001	01953216.7			EP	Abandoned	Use Of Radius In Umits Perform Hir Function And For Roaming
	27 Jul 2001	0118393.8	10 Nov 2004	2369273	GB	Grant	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	0118392.0	10 Nov 2004	2369272	GB	Grant	Use Of Radius In Umits To Perform Accounting Functions
	27 Jul 2001	0118391.2	10 Nov 2004	2369271	GB	Grant	Use Of Radius In Umits Perform Hir Function And For Roaming
	16 Nov 2001	0127567.6	18 May 2005	2371184	GB	Grant	Use Of Internet Web Technology For Wireless Internet Access
	27 Jul 2001	2002-515857			JP	Publication of application	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	2002-515859			JP	Publication of application	Use Of Radius In Umits To Perform Accounting Functions
	27 Jul 2001	2002-515858			JP	Publication of application	Use Of Radius In Umits Perform Hir Function And For Roaming
	26 Sep 2011	2011-209435			JP	Filing	Use Of Internet Technology To Register Wireless Access Customers

Attachment C-1-1

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	27 Jul 2001	PA/a/2002003157			MX	Abandoned	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	PA/a/2002003158			MX	Abandoned	Use Of Radius In Umis To Perform Accounting Functions
	27 Jul 2001	PA/a/2002003159			MX	Abandoned	Use Of Radius In Umis Perform Hir Function And For Roaming
	27 Jul 2001	518628.0			NZ	Abandoned	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	518629.0			NZ	Abandoned	Use Of Radius In Umis To Perform Accounting Functions
	27 Jul 2001	518630.0			NZ	Abandoned	Use Of Radius In Umis Perform Hir Function And For Roaming
	27 Jul 2001	PCT/GB01/03381	29 Apr 2005	88040	SG	Grant	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	200201711-9	30 Dec 2005	88042	SG	Grant	Use Of Radius In Umis To Perform Accounting Functions
	27 Jul 2001	2002 01710-1	31 Oct 2007	88041	SG	Grant	Use Of Radius In Umis Perform Hir Function And For Roaming
	02 Nov 1999	09/432824	08 Mar 2005	6,865,169	US	Grant	Cellular Wireless Internet Access System Using Spread Spectrum And Internet Protocol
	02 Nov 1999	11/510861			US	Filing	Cellular Wireless Internet Access System Using Spread Spectrum And Internet Protocol
	27 Jul 2000	09/626699			US	Filing	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2000	09/626682			US	Filing	Use Of Radius In Umis To Perform Accounting Functions
	27 Jul 2000	09/626700			US	Filing	Use Of Radius In Umis Perform Hir Function And For Roaming
	17 Nov 2000	09/715558	29 Mar 2005	6,873,609	US	Grant	Use Of Internet Web Technology For Wireless Internet Access
	27 Jul 2000	PCT/GB01/03381			WO	PCT Procedure Complete	Use Of Internet Technology To Register Wireless Access Customers
	27 Jul 2001	PCT/GB01/03388			WO	PCT Procedure Complete	Use Of Radius In Umis To Perform Accounting Functions
	27 Jul 2001	PCT/GB01/03385			WO	PCT Procedure Complete	Use Of Radius In Umis Perform Hir Function And For Roaming
	16 Nov 2001	PCT/GB01/05058			WO	PCT Procedure Complete	Use Of Internet Web Technology For Wireless Internet Access
01-0066	06 Jul 2001	0116554.7	24 Aug 2005	2377585	GB	Grant	Method System And Communication Unit Fore Requesting A Communication Resource
	05 Jul 2002	10/190345	04 Mar 2008	7,340,256	US	Grant	Method System And Communication Unit Fore Requesting A Communication Resource

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	05 Jul 2002	12/016953			US	Filing	Method System And Communication Unit Fore Requesting A Communication Resource
	08 Jul 2002	PCT/GB02/03126			WO	PCT Procedure Complete	Method System And Communication Unit Fore Requesting A Communication Resource
01-0070	01 Aug 2001	0118754.1	13 Jul 2005	2378328	GB	Grant	Agc Scheme And Receiver For Use In A Wireless Communication System
	01 Aug 2002	0217860.6			GB	Abandoned	Agc Scheme And Receiver For Use In A Wireless Communication System
	29 Jul 2002	10/207634	19 Aug 2008	7,415,083	US	Grant	Agc Scheme And Receiver For Use In A Wireless Communication System
	31 Jul 2002	PCT/GB02/03551			WO	PCT Procedure Complete	Agc Scheme And Receiver For Use In A Wireless Communication System
01-0072	13 Sep 2002	02755370.0	03 Dec 2008	1466454	CZ	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	60230189.0	03 Dec 2008	1466454	DE	Grant	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	60239901.7	DE	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	02755370.0	03 Dec 2008	1466454	EP	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	1914950	EP	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	02755370.0	03 Dec 2008	1466454	ES	Grant	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	1914950	ES	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	02755370.0	03 Dec 2008	1466454	FR	Grant	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	1914950	FR	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2001	0122090.4			GB	Abandoned	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	1914950	GB	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	02755370.0	03 Dec 2008	1466454	GB	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	02755370.0	03 Dec 2008	1466454	GR	Grant	Method And Arrangement For Automatic Frequency Correction

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	13 Sep 2002	027756370.0	03 Dec 2008	1466454	IT	Grant	Method And Arrangement For Automatic Frequency Correction
	04 Feb 2008	08101271.8	27 Apr 2011	1914980	IT	Grant	Method And Arrangement For Automatic Frequency Correction
	12 Sep 2002	10/242481	04 Sep 2007	7,266,093	US	Grant	Method And Arrangement For Automatic Frequency Correction
	13 Sep 2002	PCT/GB02/04193			WO	PCT Procedure Complete	Method And Arrangement For Automatic Frequency Correction
01-0118	24 Oct 2002	02772549.8	08 Aug 2007	1476983	DE	Grant	Packet Data Queuing And Processing
	24 Oct 2002	02772549.8	08 Aug 2007	1476983	EP	Closed: Nationalisation in selected EPC states complete	Packet Data Queuing And Processing
	24 Oct 2002	02772549.8	08 Aug 2007	1476983	ES	Grant	Packet Data Queuing And Processing
	24 Oct 2002	02772549.8	08 Aug 2007	1476983	FR	Grant	Packet Data Queuing And Processing
	24 Oct 2001	0125502.5			GB	Abandoned	Packet Data Queuing And Processing
	24 Oct 2002	02772549.8	08 Aug 2007	1476983	GB	Closed: Nationalisation in selected EPC states complete	Packet Data Queuing And Processing
	24 Oct 2002	02772549.8	08 Aug 2007	1476983	IT	Grant	Packet Data Queuing And Processing
	23 Oct 2002	10/278342	10 Jun 2008	7,385,994	US	Grant	Packet Data Queuing And Processing
	24 Oct 2002	PCT/GB02/04823			WO	PCT Procedure Complete	Packet Data Queuing And Processing
01-0128	24 Oct 2002	02772553.0	07 Jun 2006	1477040	DE	Grant	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	02772553.0	07 Jun 2006	1477040	EP	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	02772553.0	07 Jun 2006	1477040	ES	Grant	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	02772553.0	07 Jun 2006	1477040	FR	Grant	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2001	0125486.1			GB	Abandoned	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	02772553.0	07 Jun 2006	1477040	GB	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	02772553.0	07 Jun 2006	1477040	IT	Grant	Method And Arrangement For Allocation Of Resources In A Radio Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	24 Oct 2002	10/279697	13 Jun 2006	7,062,278	US	Grant	Resources In A Radio Communication System Method And Arrangement For Allocation Of Resources In A Radio Communication System
	24 Oct 2002	11/241043	23 Oct 2007	7,286,832	US	Grant	Method And Arrangement For Allocation Of Resources In A Radio Communication System
01-0132	24 Oct 2002	PCT/GB02/04632			WO	PCT Procedure Complete	Method And Arrangement For Allocation Of Resources In A Radio Communication System
	22 Nov 2002	60223181.7	24 Oct 2007	1488553	DE	Grant	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	02804284.4	24 Oct 2007	1488553	EP	Closed: Nationalisation in selected EPC states complete	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	02804284.4	24 Oct 2007	1488553	ES	Grant	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	02804284.4	24 Oct 2007	1488553	FR	Grant	Method Arrangement And Communication Receiver For Snir Estimation
	28 Nov 2001	0128475.1			GB	Abandoned	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	02804284.4	24 Oct 2007	1488553	GB	Closed: Nationalisation in selected EPC states complete	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	02804284.4	24 Oct 2007	1488553	IT	Grant	Method Arrangement And Communication Receiver For Snir Estimation
	25 Nov 2002	10/303304	29 Jan 2008	7,324,783	US	Grant	Method Arrangement And Communication Receiver For Snir Estimation
	22 Nov 2002	PCT/GB02/05399			WO	PCT Procedure Complete	Method Arrangement And Communication Receiver For Snir Estimation
02-0008	15 May 2003	03811006.7	17 Dec 2008	ZL03811006.7	CN	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	CZ	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	DE	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	EP	Closed: Nationalisation in selected EPC states complete	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	ES	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	FR	Grant	System, Transmitter, Receiver And Method For Communication Power Control

Attachment C-1-5

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	15 May 2002	0211005.4			GB	Abandoned	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	GB	Closed: Nationalisation in selected EPC states complete	System, Transmitter, Receiver And Method For Communication Power Control
	08 Mar 2003	3310/DELNP/2004	23 Dec 2009	237452	IN	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	26 Oct 2004	6845/DELNP/2006			IN	Filing	System, Transmitter, Receiver And Method For Communication Power Control
	26 Oct 2004	6844/DELNP/2006			IN	Filing	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	IT	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	2004-506211			JP	Filing	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	2010-109184			JP	Filing	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	10-2004-7018414	10 Feb 2011	10-1015473	KR	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	11 Apr 2011	10-2010-7013577			KR	Filing	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	03722873.1	26 Nov 2008	1506626	SI	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	10/439250	12 Aug 2008	7,412,252	US	Grant	System, Transmitter, Receiver And Method For Communication Power Control
	15 May 2003	PCT/GB2003/02119			WO	PCT Procedure Complete	System, Transmitter, Receiver And Method For Communication Power Control
02-0010	20 Oct 2003	03753813.9	12 Jan 2011	60335729.6-08	DE	Grant	Arrangement And Method For Rf Filter
	20 Oct 2003	03753813.9	12 Jan 2011	1557018	EP	Closed: Nationalisation in selected EPC states complete	Arrangement And Method For Rf Filter
	20 Oct 2003	03753813.9	12 Jan 2011	1557018	ES	Grant	Arrangement And Method For Rf Filter
	20 Oct 2003	03753813.9	12 Jan 2011	1557018	FR	Grant	Arrangement And Method For Rf Filter
	21 Oct 2002	0224297.2	06 Jul 2005	2394390	GB	Grant	Arrangement And Method For Rf Filter
	20 Oct 2003	03753813.9	12 Jan 2011	1557018	GB	Closed: Nationalisation in selected EPC states complete	Arrangement And Method For Rf Filter

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	20 Oct 2003	03753813.9	12 Jan 2011	1557018	IT	Grant	Arrangement And Method For Rf Filter
	20 Oct 2003	544494/2004	11 Mar 2011	4697935	JP	Grant	Arrangement And Method For Rf Filter
	20 Oct 2003	10/531152	15 Jun 2010	7,738 593	US	Grant	Arrangement And Method For Rf Filter
	03 Jun 2010	12/793287			US	Filing	Arrangement And Method For Rf Filter
	20 Oct 2003	PCT/GB2003/004506			WO	PCT Procedure Complete	Arrangement And Method For Rf Filter
02-0073	01 Oct 2003	03756551.2	04 Jun 2008	1550282	DE	Grant	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	03756551.2	04 Jun 2008	1550282	EP	Closed: Nationalisation in selected EPC states complete	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	03756551.2	04 Jun 2008	1550282	ES	Grant	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	03756551.2	04 Jun 2008	1550282	FR	Grant	Method Of Session Control In A Wireless Communication Network
	01 Oct 2002	0222632.2	05 Apr 2006	2395090	GB	Abandoned	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	03756551.2	04 Jun 2008	1550282	GB	Closed: Nationalisation in selected EPC states complete	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	03756551.2	04 Jun 2008	1550282	IT	Grant	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	10/529961	29 Nov 2011	8068421	US	Grant	Method Of Session Control In A Wireless Communication Network
	22 Nov 2011	13/286825			US	Filing	Method Of Session Control In A Wireless Communication Network
	01 Oct 2003	PCT/GB2003/004253			WO	PCT Procedure Complete	Method Of Session Control In A Wireless Communication Network
02-0093	09 Dec 2003	200380105465.3			CN	Filing	Support Of Plural Chip Rates In A Cdma System
	09 Dec 2003	03767974.3			EP	Filing	Support Of Plural Chip Rates In A Cdma System
	09 Dec 2002	0228613.6	15 Mar 2006	2395275	GB	Grant	Support Of Plural Chip Rates In A Cdma System
	09 Dec 2003	2004558817			JP	Filing	Support Of Plural Chip Rates In A Cdma System
	22 Oct 2010	2010-237474			JP	Filing	Support Of Plural Chip Rates In A Cdma System
	09 Dec 2003	10-2005-7010249	20 Dec 2010	10-1004053	KR	Grant	Support Of Plural Chip Rates In A Cdma System
	27 May 2010	10-2010-7011692	25 Aug 2011	10-1061089	KR	Grant	Support Of Plural Chip Rates In A Cdma System
	09 Dec 2003	10/537195			US	Filing	Support Of Plural Chip Rates In A Cdma System
	11 Mar 2011	13/046081			US	Publication of	Support Of Plural Chip Rates In A Cdma System

Attachment C-1-7

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	18 Aug 2011	13/212890			US	Publication of application	Support Of Plural Chip Rates In A Cdma System
02-0096	09 Dec 2003	PCT/GB2003/005361			WO	PCT Procedure Complete	Support Of Plural Chip Rates In A Cdma System
	17 May 2004	04733378.6			EP	Filing	Method And Arrangement For Automatic Frequency Control In A Communication System
	16 May 2003	0311311.5	19 Apr 2006	2401733	GB	Grant	Method And Arrangement For Automatic Frequency Control In A Communication System
	17 May 2004	10/556660	06 Sep 2011	US8014475	US	Grant	Method And Arrangement For Automatic Frequency Control In A Communication System
	17 May 2004	PCT/GB2004/002111			WO	PCT Procedure Complete	Method And Arrangement For Automatic Frequency Control In A Communication System
03-0038	28 May 2004	04735272.9			EP	Filing	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
	13 Nov 2011	11185102.8			EP	Filing	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
	28 May 2003	0312186.0			GB	Abandoned	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
	28 May 2004	2006-530543			JP	Abandoned	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
	28 May 2004	10/557329			US	Filing	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
	28 May 2004	PCT/GB2004/002307			WO	PCT Procedure Complete	Method, Base Station And Mobile Station For Tdd Operation In A Communication System
03-0042	05 Aug 2004	04767979.0	14 Jul 2010	1661273	AT	Abandoned	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	DE	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	EP	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	10164117.3			EP	Publication of application	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	ES	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	FR	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	07 Aug 2003	0318529.5	11 Jul 2007	2404822	GB	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	GB	Closed:	Method And Arrangement For Noise Variance And Sir Estimation

Attachment C-1-8

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
						Nationalisation in selected EPC states complete	And Sir Estimation
	05 Aug 2004	04767979.0	14 Jul 2010	1661273	IT	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	10/567317	15 Sep 2009	7,580,388	US	Grant	Method And Arrangement For Noise Variance And Sir Estimation
	05 Aug 2004	PCT/GB2004/003368			WO	PCT Procedure Complete	Method And Arrangement For Noise Variance And Sir Estimation
03-0056	22 Feb 2005	200580013105.X	12 May 2010	ZL200580013105.X	CN	Grant	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	22 Feb 2005	05716764.5	28 Jul 2011	1726102	EP	Grant	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	08 Mar 2004	0405166.0			GB	Abandoned	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	22 Feb 2006	2007-502326	03 Jun 2011	4754552	JP	Grant	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	22 Feb 2006	10-2006-7020866			KR	Filing	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	03 Mar 2005	11/071954	05 Apr 2011	7920537	US	Grant	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	22 Feb 2011	13/032210			US	Publication of application	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
	22 Feb 2005	PCT/EP2005/050755			WO	PCT Procedure Complete	Method And Arrangement For Mitigation Of InterCell Interference In A Cellular Communication System
03-0057	07 Apr 2005	05740112.7	23 Sep 2009	1757134	DE	Grant	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	05740112.7	23 Sep 2009	1757134	EP	Closed: Nationalisation in selected EPC states complete	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	05740112.7	23 Sep 2009	1757134	ES	Grant	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	05740112.7	25 Sep 2009	1757134	FR	Grant	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	13 Apr 2004	0408202.0			GB	Abandoned	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	05740112.7	23 Sep 2009	1757134	GB	Closed: Nationalisation in selected EPC states complete Grant	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	05740112.7	23 Sep 2009	1757134	IT	Grant	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	11/578090			US	Filing	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
	07 Apr 2005	PCT/EP2005/051549			WO	PCT Procedure Complete	Method And Arrangement For Dynamic Channel Assignment In A Tdd Communication System
04-0002	10 May 2005	05739854.7			EP	Filing	Multi-User Detector And Method For Use In A Communication System
	10 May 2005	10185862.3			EP	Open	Multi-User Detector And Method For Use In A Communication System
	30 Sep 2010	10184536.0			EP	Publication of application	Multi-User Detector And Method For Use In A Communication System
	20 May 2004	0411242.1			GB	Abandoned	Multi-User Detector And Method For Use In A Communication System
	10 May 2005	11/596795			US	Filing	Multi-User Detector And Method For Use In A Communication System
	10 May 2005	PCT/EP2005/052116			WO	PCT Procedure Complete	Multi-User Detector And Method For Use In A Communication System
04-0004	10 May 2005	05749839.4			EP	Filing	Arrangement And Method For Radio Network Relocation
	17 May 2004	0410987.2	01 Oct 2008	2414361	GB	Grant	Arrangement And Method For Radio Network Relocation
	10 May 2005	11/597086			US	Filing	Arrangement And Method For Radio Network Relocation
	10 May 2005	PCT/EP2005/052115			WO	PCT Procedure Complete	Arrangement And Method For Radio Network Relocation
04-0108	10 Aug 2005	200580027091.7			CN	Filing	Power Control In A Wireless Communication System
					CN	Open	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	DE	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	EP	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	10185576.5			EP	Filing	Power Control In A Wireless Communication System

Attachment C-1-10

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REEL: 049591 FRAME: 0610

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	ES	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	FI	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	FR	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	GB	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	IT	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	2007-525302			JP	Filing	Power Control In A Wireless Communication System
	25 Oct 2011	2011-234218			JP	Filing	Power Control In A Wireless Communication System
	10 Aug 2005	10-2007-7005478			KR	Filing	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	NL	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	PL	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	SE	Grant	Power Control In A Wireless Communication System
	10 Aug 2005	05801370.7	23 Nov 2011	1779545	TR	Grant	Power Control In A Wireless Communication System
	12 Aug 2004	10/917968			US	Filing	Power Control In A Wireless Communication System
	10 Aug 2005	PCT/EP2005/053831			WO	PCT Procedure Complete	Power Control In A Wireless Communication System
04-0111	10 Feb 2006	200680004914.9			CN	Filing	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	DE	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	EP	Closed: Nationalisation in selected EPC states complete	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	ES	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	FR	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	GB	Grant	Radio Link Quality Determination In A Wireless Network

Attachment C-1-11

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	10 Feb 2006	06708205.7	29 Apr 2009	1851894	IT	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	2007-554573	26 Aug 2011	4809372	JP	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	2011-000269			JP	Filing	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	10-2007-7018863	24 Dec 2009	0935127	KR	Grant	Radio Link Quality Determination In A Wireless Network
	14 Feb 2005	11058570	15 Sep 2009	7,590,389	US	Grant	Radio Link Quality Determination In A Wireless Network
	10 Feb 2006	PCT/EP2006/050863			WO	PCT Procedure Complete	Radio Link Quality Determination In A Wireless Network
05-0105	28 Jun 2006	200680026789.1	05 Oct 2011	ZL200680026789.1	CN	Grant	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	24 Jul 2006	200680026749.7	05 Oct 2011	ZL200680026749.7	CN	Grant	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	28 Jun 2011	201110228935.1			CN	Filing	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	28 Jun 2006	06763958.3			EP	Filing	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	24 Jul 2006	06777941.3			EP	Filing	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	28 Jun 2006	2008-523285	20 Nov 2009	4408943	JP	Grant	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	24 Jul 2006	2008-523348	20 Nov 2009	4408944	JP	Grant	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	28 Jun 2006	10-2007-7030304			KR	Abandoned	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	24 Jul 2006	10-2007-7030294			KR	Abandoned	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	26 Jul 2005	11/190287			US	Filing	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	28 Jun 2006	PCT/EP2006/063662			WO	PCT Procedure Complete	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
	24 Jul 2006	PCT/EP2006/064606			WO	PCT Procedure Complete	Interference Mitigation For Orthogonal Frequency Division Multiplexing Communication
05-0110	07 Jul 2006	200680030745.6	26 Oct 2011	ZL200680030745.6	CN	Grant	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	20110242001.3			CN	Filing	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	20110241912.4			CN	Filing	Apparatus And Method For Communicating Signaling Information

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	07 Jul 2006	201110241878.3			CN	Publication of application	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	DE	Grant	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	EP	Closed: Nationalisation in selected EPC states complete	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	ES	Grant	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	FR	Grant	Apparatus And Method For Communicating Signaling Information
	24 Aug 2005	0517219.2	04 Jun 2008	2429605	GB	Abandoned	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	GB	Closed: Nationalisation in selected EPC states complete	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	06777664.1	28 Oct 2009	1917764	IT	Grant	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	2008-527410			JP	Filing	Apparatus And Method For Communicating Signaling Information
	13 Oct 2011	2011-225670			JP	Filing	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	10-2008-7005128			KR	Filing	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	10-2010-7012360			KR	Open	Apparatus And Method For Communicating Signaling Information
	30 Sep 2005	11/241630	19 Oct 2010	7617613	US	Grant	Apparatus And Method For Communicating Signaling Information
	18 Oct 2010	12/906607			US	Filing	Apparatus And Method For Communicating Signaling Information
	07 Jul 2006	PCT/EP2006/064034			WO	PCT Procedure Complete	Apparatus And Method For Communicating Signaling Information
06-0007	11 Dec 2006	200680052869.4			CN	Filing	Initial Connection Establishment In A Wireless Communication System
	04 Jan 2007	200780005611.3			CN	Filing	Initial Connection Establishment In A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	DE	Grant	Initial Connection Establishment In A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	602007009039_3-08	DE	Grant	Initial Connection Establishment In A Wireless Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	11 Dec 2006	06841329.3	20 Oct 2010	EP1974572	EP	Closed: Nationalisation in selected EPC states complete	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	EP	Closed: Nationalisation in selected EPC states complete	Initial Connection Establishment in A Wireless Communication System
	28 Jul 2010	10171154.7	23 Nov 2011	2247152	EP	Grant	Initial Connection Establishment in A Wireless Communication System
	28 Jul 2010	10171155.4			EP	Publication of application	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	10175246.7			EP	Open	Initial Connection Establishment in A Wireless Communication System
	19 Oct 2010	10186024.3			EP	Filing	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	ES	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	ES	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	FR	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	FR	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	GB	Closed: Nationalisation in selected EPC states complete	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	GB	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Apr 2011	11103372.9			HK	Publication of application	Initial Connection Establishment in A Wireless Communication System
	04 Apr 2011	11103357.8			HK	Publication of application	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	IT	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	IT	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	2008-548957			JP	Filing	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	2008-549013			JP	Filing	Initial Connection Establishment in A Wireless Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	19 Jul 2011	2011-158216			JP	Filing	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	10-2008-7019108	09 Mar 2011	10-1022729	KR	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	10-2008-7019109	01 Nov 2010	10-0992478	KR	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	10-2010-7012731			KR	Open	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	NL	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	NL	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	PL	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	PL	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	SE	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2007	07703660.6	08 Sep 2010	1974575	SE	Grant	Initial Connection Establishment in A Wireless Communication System
	11 Dec 2006	06841329.3	20 Oct 2010	1974572	TR	Grant	Initial Connection Establishment in A Wireless Communication System
			04 Jan 2007	TR201009823 T4	TR	Grant	Initial Connection Establishment in A Wireless Communication System
	04 Jan 2006	11/325829			US	Filing	Initial Connection Establishment in A Wireless Communication System
	11 Jan 2006	11/330820	22 Mar 2011	7912471	US	Grant	Initial Connection Establishment in A Wireless Communication System
	22 Feb 2011	13/032238			US	Abandoned	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047250			US	Publication of application	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047269			US	Publication of application	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047303			US	Publication of application	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047318			US	Publication of application	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047335			US	Publication of application	Initial Connection Establishment in A Wireless Communication System
	14 Mar 2011	13/047395			US	Filing	Initial Connection Establishment in A Wireless Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	14 Mar 2011	13/047353			US	Publication of application	Initial Connection Establishment In A Wireless Communication System
	14 Mar 2011	13/047366			US	Publication of application	Initial Connection Establishment In A Wireless Communication System
	14 Mar 2011	13/047382			US	Publication of application	Initial Connection Establishment In A Wireless Communication System
	31 May 2011	13/149110			US	Publication of application	Initial Connection Establishment In A Wireless Communication System
	11 Dec 2006	PCT/EP2006/069530			WO	PCT Procedure Complete	Initial Connection Establishment In A Wireless Communication System
	04 Jan 2007	PCT/EP2007/050100			WO	PCT Procedure Complete	Initial Connection Establishment In A Wireless Communication System
06-0010	26 Jul 2007	07789600.9			EP	Filing	Wireless Communication System, Apparatus For Supporting Data Flow And Methods Therefor
	16 Aug 2006	0616241.6	04 Jan 2012	2440978	GB	Grant	Wireless Communication System, Apparatus For Supporting Data Flow And Methods Therefor
	20 Mar 2007	11726397	04 Oct 2011	8031654	US	Grant	Wireless Communication System, Apparatus For Supporting Data Flow And Methods Therefor
	20 Sep 2011	13/234904			US	Filing	Wireless Communication System, Apparatus For Supporting Data Flow And Methods Therefor
	26 Jul 2007	PCT/IB2007/002226			WO	PCT Procedure Complete	Wireless Communication System, Apparatus For Supporting Data Flow And Methods Therefor
06-0011	27 Apr 2007	200780021642.8			CN	Filing	Network-Initiated Communication Establishment In A Cellular System
	27 Apr 2007	07728616.9			EP	Filing	Network-Initiated Communication Establishment In A Cellular System
	27 Apr 2007	2009-508324			JP	Filing	Network-Initiated Communication Establishment In A Cellular System
	12 Sep 2011	2011-198526			JP	Filing	Network-Initiated Communication Establishment In A Cellular System
	27 Apr 2007	10-2008-7029409	17 Oct 2011	10-1075925	KR	Grant	Network-Initiated Communication Establishment In A Cellular System
	16 Mar 2011	10-2011-7006124			KR	Filing	Network-Initiated Communication Establishment In A Cellular System
	18 Oct 2011	10-2011-7024572			KR	Filing	Network-Initiated Communication Establishment In A Cellular System
	02 May 2006	11/416,865			US	Filing	Network-Initiated Communication Establishment In A Cellular System
	27 Apr 2007	PCT/EP2007/054161			WO	PCT Procedure Complete	Network-Initiated Communication Establishment In A Cellular System
06-0013	18 Jun 2007	200780030847.2			CN	Filing	System And Scheduler For Intercell Interference Cancellation

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	09 Dec 2011	201110407932.4			CN	Filing	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	DE	Grant	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	EP	Grant	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	11162107.4			EP	Filing	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	11165563.5			EP	Filing	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	ES	Grant	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	FR	Grant	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	GB	Grant	System And Scheduler For Inter-cell Interference Cancellation
	19 Jan 2009	07765474.7	11 May 2011	2039200	IT	Grant	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	2009-515854			JP	Filing	System And Scheduler For Inter-cell Interference Cancellation
	14 Nov 2011	2011-249092			JP	Filing	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	10-2008-7031782			KR	Filing	System And Scheduler For Inter-cell Interference Cancellation
	19 Jun 2006	60/815039			US	Filing	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	11/820,269			US	Filing	System And Scheduler For Inter-cell Interference Cancellation
	18 Jun 2007	PCT/EP2007/056037			WO	PCT Procedure Complete	System And Scheduler For Inter-cell Interference Cancellation
06-0021	21 Dec 2007	200780050639.9			CN	Publication of application	Feedback Control In An Fdd Tdd-Cdma System
	21 Dec 2007	07858094.1			EP	Filing	Feedback Control In An Fdd Tdd-Cdma System
	21 Dec 2007	2009-543459			JP	Filing	Feedback Control In An Fdd Tdd-Cdma System
	21 Dec 2007	PCT/EP2007/064483			KR	Filing	Feedback Control In An Fdd Tdd-Cdma System
	27 Dec 2006	11/646692	30 Aug 2011	8009639	US	Grant	Feedback Control In An Fdd Tdd-Cdma System
	05 Jul 2011	13/176298			US	Filing	Feedback Control In An Fdd Tdd-Cdma System
	21 Dec 2007	PCT/EP2007/064483			WO	PCT Procedure Complete	Feedback Control In An Fdd Tdd-Cdma System
06-0006	29 Aug 2006	200880104730.9			CN	Publication of application	Cellular Communication System, Apparatus And Method For Management Of Backhaul

Attachment C-1-17

PATENT

REEL: 049591 FRAME: 0617

JPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
	29 Aug 2008	08803388.1			EP	Publication of application	Resources. Cellular Communication System, Apparatus And Method For Management Of Backhaul Resources.
	31 Aug 2007	11/649184	24 May 2011	7948962	US	Grant	Cellular Communication System, Apparatus And Method For Management Of Backhaul Resources.
	05 May 2011	13/101605			US	Publication of application	Cellular Communication System, Apparatus And Method For Management Of Backhaul Resources.
	29 Aug 2008	PCT/EP2008/061390			WO	PCT Procedure Complete	Cellular Communication System, Apparatus And Method For Management Of Backhaul Resources.
06-0014	17 Jul 2008	200860107633.5			CN	Publication of application	Communication Unit And Method For Interference Mitigation
	17 Jul 2008	08775171.5			EP	Filing	Communication Unit And Method For Interference Mitigation
	17 Jul 2008	2010-518605			JP	Filing	Communication Unit And Method For Interference Mitigation
	02 Aug 2007	11/890028	22 Feb 2011	7694774	US	Grant	Communication Unit And Method For Interference Mitigation
	17 Jul 2008	PCT/EP2008/059373			WO	PCT Procedure Complete	Communication Unit And Method For Interference Mitigation
07-0004	12 Sep 2008	200880109067.1			CN	Publication of application	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	12 Sep 2008	08804140.5			EP	Filing	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	12 Sep 2008	2010526245			JP	Filing	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	12 Sep 2008	2010-7008257			KR	Filing	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	27 Sep 2007	11/663205	27 Sep 2011	8027291	US	Grant	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	18 Aug 2011	13/212867			US	Filing	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System
	12 Sep 2008	PCT/EP2008/062177			WO	PCT Procedure	Method And Apparatus For Transmitting Transport Channels Over A Physical Channel Of A Cellular Communication System

IPW ref	Filing	Filing Number	Grant	Grant Number	Country	Current Status	Title of Invention
07-0010	12 Sep 2008	200880109066.7			CN	Complete	Transport Channels Over A Physical Channel Of A Cellular Communication System
	12 Sep 2008	08804113.2			EP	Publication of application Filing	Apparatus And Method For Scheduling In A Wireless Communication System
	12 Sep 2008	2010526244			JP	Filing	Apparatus And Method For Scheduling In A Wireless Communication System
	12 Sep 2008	10-2010-7006339			KR	Filing	Apparatus And Method For Scheduling In A Wireless Communication System
	28 Sep 2007	11/864640			US	Filing	Apparatus And Method For Scheduling In A Wireless Communication System
	18 Aug 2011	13/212,830			US	Filing	Apparatus And Method For Scheduling In A Wireless Communication System
	12 Sep 2008	PCT/EP2008/062149			WO	PCT Procedure Complete	Apparatus And Method For Scheduling In A Wireless Communication System
08-0012	16 Dec 2010	200980122495.2			CN	Publication of application	Wireless Communication Unit And Method For Channel Estimation
	25 Apr 2008	0807581.4	16 Jun 2010	2459504	GB	Grant	Wireless Communication Unit And Method For Channel Estimation
	23 Sep 2008	12/236373			US	Communication received	Wireless Communication Unit And Method For Channel Estimation
	25 Oct 2010	12/989,496			US	Publication of application	Wireless Communication Unit And Method For Channel Estimation
	25 Mar 2009	PCT/EP2009/053506			WO	Filing	Wireless Communication Unit And Method For Channel Estimation

Attachment C-1-19

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