

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
Square 1 Bank	04/30/2012
RECEIVING PARTY DATA	
Name:	IPWireless, Inc.
Street Address:	90 New Montgomery Street
Internal Address:	Suite 315
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 20	
Property Type	Number
Application Number:	11502928
Application Number:	11502929
Application Number:	11796181
Application Number:	12169556
Application Number:	12169563
Application Number:	12205690
Application Number:	12770172
Application Number:	12960774
Application Number:	13125441
Application Number:	13131675
Application Number:	13212843
Application Number:	13212867
Patent Number:	7301930
Patent Number:	7356098

CH \$800.00 11502928

Patent Number:	7366094
Patent Number:	7792179
Patent Number:	7835330
Patent Number:	7848353
Patent Number:	8005041
Patent Number:	8098621

CORRESPONDENCE DATA

Fax Number: (215)568-6499

Phone: 2155686400

Email: hvartanian@vklaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: Volpe and Koenig, P.C.

Address Line 1: 30 South 17th Street

Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	IPW2-1A
-------------------------	---------

NAME OF SUBMITTER:	Harry Vartanian
--------------------	-----------------

Total Attachments: 17

source=20120430_ReleaseofSecurityInterest#page1.tif
source=20120430_ReleaseofSecurityInterest#page2.tif
source=20120430_ReleaseofSecurityInterest#page3.tif
source=20120430_ReleaseofSecurityInterest#page4.tif
source=20120430_ReleaseofSecurityInterest#page5.tif
source=20120430_ReleaseofSecurityInterest#page6.tif
source=20120430_ReleaseofSecurityInterest#page7.tif
source=20120430_ReleaseofSecurityInterest#page8.tif
source=20120430_ReleaseofSecurityInterest#page9.tif
source=20120430_ReleaseofSecurityInterest#page10.tif
source=20120430_ReleaseofSecurityInterest#page11.tif
source=20120430_ReleaseofSecurityInterest#page12.tif
source=20120430_ReleaseofSecurityInterest#page13.tif
source=20120430_ReleaseofSecurityInterest#page14.tif
source=20120430_ReleaseofSecurityInterest#page15.tif
source=20120430_ReleaseofSecurityInterest#page16.tif
source=20120430_ReleaseofSecurityInterest#page17.tif

RELEASE OF SECURITY INTEREST

This release of security interest is made and executed by Square 1 Bank, a North Carolina corporation (“**Square 1**”) in favor of IPWireless, Inc., a Delaware corporation (“**IP Wireless**”).

A. WHEREAS IP Wireless granted to Square 1 a security interest in copyrights, patents and trademarks (collectively, the “Intellectual Property”) under an Intellectual Property Security Agreement dated as of February 6, 2012 (the “Security Agreement”),

B. WHEREAS Square 1 recorded its security interest in the U.S. Intellectual Property by filing a copy of the Security Agreement with the United States Patent and Trademark Office as follows:

<u>Debtor</u>	<u>Secured Party</u>	<u>type of IP</u>	<u>Reel/Frame</u>	<u>Recordation Date</u>
IPWireless, Inc.	Square 1 Bank	patents	027727/0075	2/16/2012
IPWireless, Inc.	Square 1 Bank	trademarks	4718/0412	2/16/2012

WHEREAS IP Wireless has no outstanding obligations to Square 1 under the terms of the Security Agreement, Square 1 agrees to release its security interest in the Intellectual Property.

NOW, THEREFORE, for valuable consideration received, by its execution of this Release of Security Interest, Square 1 hereby irrevocably and unconditionally releases all right, title and interest in all of the following:

(a) the Intellectual Property (including, without limitation, the patents and applications listed in Exhibit A, and the trademarks listed in Exhibit B);

(b) all patents and patent applications (i) to which any of the Intellectual Property directly or indirectly claims priority, (ii) for which any of the Intellectual Property directly or indirectly forms a basis for priority, and/or (iii) that directly or indirectly incorporate by reference, or are directly or indirectly incorporated by reference into, the Intellectual Property;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all non-United States patents, patent applications, and counterparts relating to the Intellectual Property or any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, other governmental grants or issuances, and any rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or governmental grants or issuances of any type related to any of the Intellectual Property and the inventions, invention disclosures, and discoveries therein;

(e) inventions, invention disclosures, and discoveries described in any of the Intellectual Property of any item in the foregoing categories (a) through (d);

(f) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (e), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(g) causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Intellectual Property and/or the rights described in the above subparagraphs (a) through (f), including, without limitation, all causes of action and other enforcement rights for

- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind

for past, current and future infringement; and

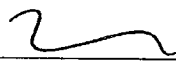
(h) all rights to collect royalties and other payments under or on account of any of the Intellectual Property and/or any item in any of the foregoing categories (a) through (g).

If necessary or desired, Square 1 hereby authorizes IP Wireless' authorized representative to file UCC Financing Statement terminations with the applicable filing office(s) in order to memorialize the release of any security interest by Square 1.

This Release is governed by the law of the State of Delaware, excluding its choice of law principles to the contrary. This Release shall be binding upon Square 1 and its successors and assigns and inures, to the benefit of, IP Wireless with respect to the Intellectual Property (including any purchaser). Square 1 acknowledges that it is aware that it may hereafter discover facts different from or in addition to what it now knows, believes or suspects to be true with respect to the rights herein released, that such facts may give rise to claims, causes of action, damages, consequences or results that are unforeseen or unsuspected, and that Square 1 is nonetheless giving up its rights, and the releases in this Release Agreement will be and remain in effect in all respects as complete, general releases, notwithstanding any such different or additional facts.

IN WITNESS WHEREOF, the undersigned has executed this Release of Security Interest
on this 30th day of April 2012.

Square 1 Bank

By: 

Name: Zack Robbins

Its: AVP

EXHIBIT A**PATENTS****U.S. PATENTS & APPLICATIONS**

US Patent No.	US Appl. No.	Filing Date:	Issue Date:	Title:
7099375	10/187458	1-Jul-02	29-Aug-09	CHIP RATE INVARIANT DETECTOR
7366094	10/190458	5-Jul-02	29-Apr-08	SYSTEM AND METHOD FOR CHANNEL TRANSPORT FORMAT ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM
	12/770172	29-Apr-10		SYSTEM AND METHOD FOR CHANNEL TRANSPORT FORMAT ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM
7301930	10/24966	12-Sep-02	27-Nov-07	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
7352794	10/262160	1-Oct-02	1-Apr-08	METHOD AND ARRANGEMENT FOR USE IN A SINGLE USER DETECTOR FOR A CDMA MULTI-PATH SYSTEM
7369601	10/279698	24-Oct-02	6-May-08	CODE DIVISION MULTIPLE ACCESS RECEIVER
7356098	10/293635	13-Nov-02	8-Apr-08	METHOD, COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONIZATION FOR MULTI-RATE COMMUNICATION
7848353	12/033824	13-Nov-02	7-Dec-10	METHOD, COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MULTI-RATE COMMUNICATION
	12/960774	13-Nov-02		METHOD, COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MULTI-RATE COMMUNICATION
7242908	10/531151	24-Oct-03	10-Jul-07	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
7792179	10/532162	3-Nov-03	7-Sep-10	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
7835330	10/873065	21-Jun-04	16-Nov-10	METHOD AND APPARATUS FOR ACCESSING A DATA NETWORK THROUGH A CELLULAR COMMUNICATION SYSTEM
7729307	10/941551	14-Sep-04	1-Jun-10	SCHEDULING DATA ACROSS A SHARED COMMUNICATION LINK IN A CELLULAR COMMUNICATION SYSTEM
8005041	11/430421	8-May-06	23-Aug-11	WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREFOR

US Patent No.	US Appl. No.	Filing Date:	Issue Date:	Title:
	13/212843	8-May-2011		WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREFOR
7986712	11/602729	20-Nov-06	26-Jul-11	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
	13/159622	14-Jun-11		CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
	13/159747	14-Jun-11		CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
	13/159795	14-Jun-11		CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
	13/159832	14-Jun-11		CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
8098621	11/209281	23-Aug-05		COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERFERENCE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM
	11/796181	27-Apr-07		METHODS, BASE STATION, REMOTE STATION AND SYSTEM FOR HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) COMMUNICATION
7711008	11/338062	23-Jan-06	4-May-10	QUASI-SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
	12/770312	29-Apr-10		QUASI-SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
	12/822814	24-Jun-10		COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
	11/788491	4-Apr-06		APPARATUS, COMMUNICATION SYSTEM AND METHODS FOR ENABLING SPECTRUM ACCESS
	11/544396	5-Oct-06		CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION.
	11/502928	11-Aug-2006		APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES
	11/803806	15-May-07		METHOD AND APPARATUS FOR PROVIDING MULTIMEDIA BROADCASTING MULTICASTING SERVICES
7860107	11/948647	30-Nov-07	28-Dec-10	APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
	12979490.0	28-Dec-10		APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
	12/030185	12-Feb-08		METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
	12/104306	16-Apr-08		METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTENT
	12/169563	8-Jul-08		METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT.

US Patent No.	US Appl. No.	Filing Date:	Issue Date:	Title:
	12/169556	8-Jul-08		METHOD AND APPARATUS FOR PROVISION MULTIMEDIA BROADCASTING MULTICASTING SERVICES
	12/205690	5-Sep-08		METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
	13/125441	21-Apr-11		CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION
	13/131675	27-May-11		COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
	11/701712	2-Feb-07		HIERARCHICAL ORGANIZATION OF PAGING GROUPS
	10/568557	18-Aug-06		HOLDER FOR ELECTRONIC MODULE AND METHOD THEREFOR
	10/985638	10-Nov-04		METHOD AND APPARATUS FOR IMPROVED THROUGHPUT IN A COMMUNICATION SYSTEM
	11/652224	10-Jan-7		METHOD TO MITIGATE FRAUDULENT USAGE OF QOS FROM MOBILE TERMINALS USING UPLINK PACKET MARKING
	11/502929	11-Aug-06		DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
	10/173183	17-Jun-02		INTEGRATION OF NETWORK CONTROL FUNCTIONS IN A WIRELESS NETWORK
	10/826461	16-Apr-04		TRANSMISSION EFFICIENCY FOR BROADCAST/MULTICAST SERVICES IN CELLULAR NETWORKS
	13/212867	18-May-2011		METHOD AND APPARATUS FOR TRANSMITTING TRANSPORT CHANNELS OVER A PHYSICAL CHANNEL OF A CELLULAR COMMUNICATION SYSTEM

FOREIGN PATENTS & APPLICATIONS

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
1440521	8-Aug-07	2-Jul-02	Europe	CHIP RATE INVARIANT DETECTOR
1440521	8-Aug-07	2-Jul-02	France	CHIP RATE INVARIANT DETECTOR
1440521	8-Aug-07	2-Jul-02	GBRI	CHIP RATE INVARIANT DETECTOR
60221690.7	8-Aug-07	2-Jul-02	Germany	CHIP RATE INVARIANT DETECTOR
1440521	8-Aug-07	2-Jul-02	Italy	CHIP RATE INVARIANT DETECTOR
1440521	8-Aug-07	2-Jul-02	Spain	CHIP RATE INVARIANT DETECTOR
2377586	29-Jun-05	6-Jul-01	Great Britain	SYSTEM AND METHOD FOR CHANNEL TRANSPORT FORMAT ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
4223400	28-Nov-08	13-Sep-02	Japan	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
ZL02819606.6	28-May-09	13-Sep-02	China	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
10-0901406	1-Jun-09	13-Sep-02	Korea	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
02758611.4		13-Sep-02	Europe	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
2394868	5-Apr-06	1-Nov-02	Great Britain	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN UTRA TDD MODE
02801963.6		23-Oct-02	Europe	CODE DIVISION MULTIPLE ACCESS RECEIVER
02779683.8		14-Nov-02	Europe	METHOD COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MULTI-RATE COMMUNICATION
10183191.5		30-Sep-10	Europe	METHOD COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MULTI-RATE COMMUNICATION
2394143	5-Apr-06	8-Oct-02	Great Britain	SYSTEM AND METHOD FOR USE OF INTERNET AUTHENTICATION TECHNOLOGY TO PROVIDE UMTS AUTHENTICATION
03748362.5		8-Oct-03	Europe	SYSTEM AND METHOD FOR USE OF INTERNET AUTHENTICATION TECHNOLOGY TO PROVIDE UMTS AUTHENTICATION
2387997	15-Mar-06	25-Apr-02	Great Britain	SYNCHRONISATION IN W-CDMA BY COMBINING SECONDARY SYNCHRONISATION CODES FROM PLURAL SLOTS
1661256	5-Sep-07	12-Aug-04	Europe	HOLDER FOR MODULE AND METHOD THEREFOR
1661256	5-Sep-07	12-Aug-04	France	HOLDER FOR MODULE AND METHOD THEREFOR
1661256	5-Sep-07	12-Aug-04	Great Britain	HOLDER FOR MODULE AND METHOD THEREFOR
1661256	5-Sep-07	12-Aug-04	Germany	HOLDER FOR MODULE AND METHOD THEREFOR
1661256	5-Sep-07	12-Aug-04	Italy	HOLDER FOR MODULE AND METHOD THEREFOR
1661256	5-Sep-07	12-Aug-04	Spain	HOLDER FOR MODULE AND METHOD THEREFOR

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
1557016	23-Jan-08	24-Oct-03	Europe	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
1557016	23-Jan-08	24-Oct-03	France	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
1557016	23-Jan-08	24-Oct-03	Great Britain	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
1557016	23-Jan-08	24-Oct-03	Germany	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
1557016	23-Jan-08	24-Oct-03	Italy	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
1557016	23-Jan-08	24-Oct-03	Spain	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM
4383348	2-Oct-09	3-Nov-03	Japan	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
200380102352.8		3-Nov-03	China	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
03769702.6		3-Nov-03	Europe	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
10-1060569		3-Nov-03	Korea	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
2416093	11-Jun-08	9-Jul-04	Great Britain	METHOD AND ARRANGEMENT FOR RESOURCE ALLOCATION IN A COMMUNICATION SYSTEM
05760931.5		16-Jun-05	Europe	A METHOD APPARATUS FOR ACCESSING A DATA NETWORK THROUGH A CELLULAR COMMUNICATION SYSTEM
200580052012.8		14-Sep-05	China	SCHEDULING DATA ACROSS A SHARED COMMUNICATION LINK IN A CELLULAR COMMUNICATION SYSTEM
05789626.8		14-Sep-05	Europe	SCHEDULING DATA ACROSS A SHARED COMMUNICATION LINK IN A CELLULAR COMMUNICATION SYSTEM
05744934.0		7-Apr-05	Europe	TRANSMISSION EFFICIENCY FOR BROADCAST/MULTICAST SERVICES IN CELLULAR NETWORKS
200780021662.5		27-Apr-07	China	WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREOF

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
07728609.4		27-Apr-07	Europe	WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREOF
2009-508323		27-Apr-07	Japan	WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREOF
10-1118339	13-Feb-12	27-Apr-07	Korea	WIRELESS COMMUNICATION SYSTEM, APPARATUS FOR SUPPORTING DATA FLOW AND METHOD THEREOF
10-2011-7025396		26-Oct-11	Korea	MAPPING SERVICES TO RADIO BEARERS AND ALLOCATING BANDWIDTH TO THE RADIO BEARERS ACCORDING TO WEIGHT VALUES
1955494	6-Jan-10	8-Nov-06	Europe	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
1955494	6-Jan-10	8-Nov-06	France	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
1955494	6-Jan-10	8-Nov-06	Great Britain	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
1955494	6-Jan-10	8-Nov-06	Germany	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
1955494	6-Jan-10	8-Nov-06	Italy	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
1955494	6-Jan-10	8-Nov-06	Spain	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2008-541686		8-Nov-06	Japan	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
10-1010974	19-Jan-11	17-May-10	Korea	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
200680050626.7		8-Nov-06	China	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2011-105575		10-May-11	Japan	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2068501	3-Aug-11	17-Mar-09	Europe	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2068501	3-Aug-11	17-Mar-09	Great Britain	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
2068501	3-Aug-11	17-Mar-09	Spain	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2068501	3-Aug-11	17-Mar-09	France	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2068501	3-Aug-11	17-Mar-09	Germany	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2068501	3-Aug-11	17-Mar-09	Italy	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
10-2010-7010777		17-May-10	Korea	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
2011-105576		10-May-11	Japan	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
10191273.1		15-Nov-10	Europe	Cellular communication system and method for broadcast communication
2011-105577		10-May-11	Japan	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
10191274.9		15-Nov-10	Europe	Cellular communication system and method for broadcast communication
2011-105578		10-May-11	Japan	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR BROADCAST COMMUNICATION
10191275.6		15-Nov-10	Europe	Cellular communication system and method for broadcast communication
200680038351.5		20-Jul-06	China	COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERFERENCE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM
06792532.1		20-Jul-06	Europe	COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERFERENCE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM
4772121	1-Jul-11	20-Jul-06	Japan	COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERFERENCE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM
2011-097516		25-Apr-11	Japan	COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERFERENCE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM
200880010665.3		24-Apr-08	China	METHODS, BASE STATION, REMOTE STATION AND SYSTEM FOR HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) COMMUNICATIONS

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
08736556.5		24-Apr-08	Europe	METHODS, BASE STATION, REMOTE STATION AND SYSTEM FOR HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) COMMUNICATIONS
2010-504698		24-Apr-08	Japan	METHODS, BASE STATION, REMOTE STATION AND SYSTEM FOR HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) COMMUNICATIONS
10-2009-7020238		24-Apr-08	Korea	METHODS, BASE STATION, REMOTE STATION AND SYSTEM FOR HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) COMMUNICATIONS
200780007793.8		22-Jan-07	China	QUASI SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
07712068.1		22-Jan-07	Europe	QUASI SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
2008-550778		22-Jan-07	Japan	QUASI SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
10-1010292	17-Jan-11	22-Jan-07	Korea	QUASI SYNCHRONOUS TRANSMISSION IN CELLULAR NETWORKS
200780018284.5		4-Apr-07	China	COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
07717675.8		4-Apr-07	Europe	COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
2009-503585		4-Apr-07	Japan	COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
10-1035317	11-May-11	4-Apr-07	Korea	COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
09164199.3		30-Jun-09	Europe	COMMUNICATION SYSTEM COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
09164201.7		30-Jun-09	Europe	COMMUNICATION SYSTEM, COMMUNICATION UNITS AND METHOD FOR ALLOCATING SPECTRUM
2007304161		5-Oct-07	Australia	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION
200780037097.10		5-Oct-07	China	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION
07820979.8		5-Oct-07	Europe	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION
PCT/EP2007/060606		5-Oct-07	Japan	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
10-2009-7007227		5-Oct-07	Korea	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD FOR BROADCAST COMMUNICATION
283554		8-Aug-07	Australia	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
200780034530.6		8-Aug-07	China	APPLICATION-LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES
07802543.4		8-Aug-07	Europe	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
2009-523291		8-Aug-07	Japan	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
10-1047091	7-Jul-11	8-Aug-07	Korea	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
2011213704		16-Aug-11	Australia	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
2011-093137		19-Apr-11	Japan	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
10-2011-7004672		25-Feb-11	Korea	APPLICATION LAYER COMBINING OF MULTIMEDIA STREAMS DELIVERED OVER MULTIPLE RADIO ACCESS NETWORKS AND DELIVERY MODES.
283553	23-Jun-11	8-Aug-07	Australia	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
200780034620.5		8-Aug-07	China	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
07802542.6		8-Aug-07	Europe	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
2009-523290		8-Aug-07	Japan	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
10-2009-7004889		8-Aug-07	Korea	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
10172739.4		13-Aug-10	Europe	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
10-2011-7007702		1-Apr-11	Korea	DIRECT USER PLANE TUNNEL DELIVERY OF BROADCAST AND MULTICAST TRAFFIC
200880020855.3		30-Apr-08	China	METHOD AND APPARATUS FOR PROVIDING MULTIMEDIA BROADCASTING MULTICASTING SERVICES
08749926.5		30-Apr-08	Europe	METHOD AND APPARATUS FOR PROVIDING MULTIMEDIA BROADCASTING MULTICASTING SERVICES
2010-507879		30-Apr-08	Japan	METHOD AND APPARATUS FOR PROVIDING MULTIMEDIA BROADCASTING MULTICASTING SERVICES
200880118250.8		25-Nov-08	China	APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
08853769.1		25-Nov-08	Europe	APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
2010-535353		25-Nov-08	Japan	APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
10-2010-7012928		25-Nov-08	Korea	APPARATUS AND METHOD FOR DETERMINING TIMING FOR TRANSMISSIONS
20098014958		12-Aug-10	China	METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
09710296.6		3-Aug-10	EP	METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
2010-545445		10-Aug-10	Japan	METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
10-2010-7018547		20-Aug-10	Korea	METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
200980119906.2		1-Apr-09	China	METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTACT
09733056.7		1-Apr-09	EP	METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTACT
6893/CHENP/2010		1-Apr-09	India	METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTACT
2011-504407		1-Apr-09	Japan	METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTACT
10-2010-7025490		1-Apr-09	Korea	METHOD AND APPARATUS FOR OUTPUTTING MEDIA CONTACT

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
200980134813.7		16-Jun-09	China	METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT
09779787.2		16-Jun-09	EP	METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT
167/CHENP/2011		16-Jun-09	India	METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT
2011-517061		16-Jun-09	Japan	METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT
10-2011-7002494		16-Jun-09	Korea	METHOD AND APPARATUS FOR PROVIDING CELL CONFIGURATION INFORMATION TO A NETWORK ELEMENT
09779786.4		16-Jun-09	EP	METHOD AND APPARATUS FOR PROVIDING BROADCAST SERVICES
166/CHPEP/2011		16-Jun-09	India	METHOD AND APPARATUS FOR PROVIDING BROADCAST SERVICES
2011-517060		16-Jun-09	Japan	METHOD AND APPARATUS FOR PROVIDING BROADCAST SERVICES
10-2011-7002487		16-Jun-09	Korea	METHOD AND APPARATUS FOR PROVIDING BROADCAST SERVICES
09781943.7		4-Apr-11	EP	METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
1614/DELNP/2011		4-Mar-11	India	METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
200980141691.4		18-Aug-09	China	METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
10-2011-7007818		4-Apr-11	Korea	METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
2011-525500		28-Apr-11	Japan	METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CELL TO A CLUSTER
09801400.4		4-Jul-11	EP	COMMUNICATION SYSTEM, APPARATUS AND METHODS FOR PROVIDING AND ACQUIRING A SYSTEM INFORMATION MESSAGE
09751845.0		19-May-11	EP	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION
2972/DELNP/2011		21-Apr-11	India	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
200980150460.X		16-Jun-11	China	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION
2011-532654		22-Apr-11	Japan	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION
10-2011-7011819		24-May-11	Korea	CELLULAR COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR BROADCAST COMMUNICATION
2465628	23-Mar-11	27-Nov-08	Great Britain	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
4502/CHEN/2011		24-Jun-11	India	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
200980155337.7		26-Jul-11	China	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
2011-537894		26-Jul-11	Japan	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
09796943.0		15-Jun-11	EP	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
10-2011-7014826		27-Jun-11	Korea	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
2474794	15-Jun-11	9-Feb-11	Great Britain	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
2474795	22-Jun-11	9-Feb-11	Great Britain	COMMUNICATION SYSTEM, COMMUNICATION UNITS, AND METHOD FOR EMPLOYING A PILOT TRANSMISSION SCHEME
1003111		24-Feb-10	Great Britain	APPARATUS AND METHODS FOR BROADCAST-UNICAST COMMUNICATION HANDOVER
1012073.1		19-Jul-10	Great Britain	COMMUNICATION UNIT AND PILOT METHOD FOR TIME VARYING CHANNELS
1019145		12-Nov-10	Great Britain	WIRELESS COMMUNICATION SYSTEM, COMMUNICATION UNIT, AND METHOD FOR SCHEDULING

Foreign Patent / Application No.	Grant Date	Application Filing Date	Country	Title
1108743.4		25-May-11	Great Britain	WIRELESS NETWORK ELEMENT, INTEGRATED CIRCUIT AND METHOD FOR REDUCING INTERFERENCE
267/CHEN/2006		8-Nov-04	India	METHOD AND APPARATUS FOR IMPROVED THROUGHPUT IN A COMMUNICATION SYSTEM
200880109067.1		12-Sep-08	China	METHOD AND APPARATUS FOR TRANSMITTING TRANSPORT CHANNELS OVER A PHYSICAL CHANNEL OF A CELLULAR COMMUNICATION SYSTEM
08804140.5		12-Sep-08	EP	METHOD AND APPARATUS FOR TRANSMITTING TRANSPORT CHANNELS OVER A PHYSICAL CHANNEL OF A CELLULAR COMMUNICATION SYSTEM
2010-526245		12-Sep-08	Japan	METHOD AND APPARATUS FOR TRANSMITTING TRANSPORT CHANNELS OVER A PHYSICAL CHANNEL OF A CELLULAR COMMUNICATION SYSTEM
10-2010-7008257		12-Sep-08	Korea	METHOD AND APPARATUS FOR TRANSMITTING TRANSPORT CHANNELS OVER A PHYSICAL CHANNEL OF A CELLULAR COMMUNICATION SYSTEM

EXHIBIT B

TRADEMARKS

Trademark:	Country:	Status:	App. Number/Reg. Number:	App. Date/Reg. Date:
IPWIRELESS	United States of America Classes: 9	Registered	3904279 (formerly 85/052158)	June 1, 2010 January 11, 2011
IPWIRELESS Logo (B&W)	United States of America Classes: 9	Registered	78/046124 2858717	February 2, 2001 June 29, 2004
IPW	European Community Classes: 9	Registered	3240967 3240967	June 24, 2003 May 12, 2005
IPWIRELESS Logo (Cls. 9, 38, 42)	European Community Classes: 9, 38, 42	Registered	4006706 004006706	December 1, 2004 December 21, 2005
IPWireless™		Unregistered		
IPWIRELESS Logo (new)		Unregistered		
TDTV™		Unregistered		