

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IP Wireless, Inc.	04/23/2010
RECEIVING PARTY DATA	
Name:	Sony Corporation
Street Address:	1-7-1, Konan, Minato-Ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075
PROPERTY NUMBERS Total: 33	
Property Type	Number
Patent Number:	7480261
Patent Number:	7171230
Patent Number:	7313118
Patent Number:	7554947
Patent Number:	7373161
Patent Number:	7480276
Patent Number:	7602719
Patent Number:	7539497
Patent Number:	7292825
Patent Number:	7684372
Patent Number:	7664090
Patent Number:	7616603
Patent Number:	7639635
Patent Number:	7620367
Application Number:	12471333

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PATENT
REEL: 024305 FRAME: 0504

OP \$1320.00 7480261

Application Number:	12109247
Application Number:	10409281
Application Number:	10584099
Application Number:	10544451
Application Number:	10551620
Application Number:	11122387
Application Number:	11061958
Application Number:	11241644
Application Number:	11240720
Application Number:	11208512
Application Number:	11209465
Application Number:	11273443
Application Number:	11796007
Application Number:	11888645
Application Number:	11542514
Application Number:	11821580
Application Number:	11895625
Application Number:	12042259

CORRESPONDENCE DATA

Fax Number: (703)413-2220
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (703) 413-3000
 Email: khudson@oblon.com
 Correspondent Name: Oblon, Spivak, et al.
 Address Line 1: 1940 Duke Street
 Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	358934US2SD
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NAME OF SUBMITTER:	Karen L. Hudson
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Total Attachments: 4
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Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

sells, assigns, and transfers to **Sony Corporation**, having its principal place of business at 1-7-1, Konan, Minato-Ku, Tokyo, Japan 108-0075 ("**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 A (the "**Assigned Patents**"), and, whether or not specifically identified in Attachment A, 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, injunctive 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.

IPWireless, Inc. ("**Assignor**")

By: 

Name: **DOUGLAS SWCLAIR**

Title: **CFO**

Date: April 23, 2010

Attachment A

Docket #	Country	Status	Application Date	Application Number	Grant Date	Grant Number	Title
01-0120-C1	USA	Filed	22-Oct-02	12/471,333			RESOURCE ALLOCATION IN A PACKET-BASED RADIO COMMUNICATION SYSTEM
01-0127-C1	USA	Filed	4-Dec-02	12/109,247			METHOD AND ARRANGEMENT FOR POWER CONTROL
02-0031	USA	Filed	8-Apr-03	10/409281			ARRANGEMENT AND METHOD FOR CHANNEL MAPPING IN A WIRELESS COMMUNICATION SYSTEM
02-0050	USA	Filed	15-Dec-04	10/584,099			METHOD AND ARRANGEMENT FOR POWER CONTROL IN A RADIO COMMUNICATION SYSTEM
03-0013	USA	Filed	11-Feb-04	10/544,451			METHOD BASE STATION AND MOBILE STATION FOR TDD OPERATION IN A COMMUNICATION SYSTEM
04-0102	USA	Filed	10-Aug-05	10/551,620			APPARATUS AND METHOD FOR COMMUNICATING USER EQUIPMENT SPECIFIC INFORMATION IN CELLULAR COMMUNICATION SYSTEM
04-0107	USA	Filed	4-May-05	11/122,387			MIDAMBLE ALLOCATIONS FOR MIMO TRANSMISSIONS
05-0101	USA	Filed	17-Feb-05	11/061,958			SELECTION OF TRAINING SEQUENCES FOR MULTIPLE-IN MULTIPLE-OUT TRANSMISSIONS
05-0103	USA	Filed	30-Sep-05	11/241,644	20-Apr-10	7,701,901	APPARATUS AND METHOD FOR COMMUNICATING UPLINK SIGNALLING INFORMATION
05-0112	USA	Filed	30-Sep-05	11/240720			DUPLEX OPERATION IN A CELLULAR COMMUNICATION SYSTEM
05-0121	USA	Filed	22-Aug-05	11/208512			UPLINK RESOURCE ALLOCATION TO CONTROL INTERCELL INTERFERENCE IN A WIRELESS COMMUNICATION SYSTEM
05-0123	USA	Filed	23-Aug-05	11/209465			DATA PACKET TYPE RECOGNITION

Docket #	Country	Status	Application Date	Application Number	Grant Date	Grant Number	Title
							SYSTEM
06-0001	USA	Filed	14-Nov-05	11/273443			AUTOMATIC SELECTION OF COHERENT AND NONCOHERENT TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM
06-0002	USA	Filed	25-Apr-07	11/796007			COMMUNICATION UNIT, SYSTEM AND METHOD FOR SAVING POWER THEREIN
06-0008	USA	Filed	31-Jul-07	11/888,645			CELLULAR COMMUNICATION SYSTEM, NETWORK CONTROLLER AND METHOD FOR OBTAINING FEEDBACK FROM SUBSCRIBER COMMUNICATION UNITS
06-0019	USA	Filed	2-Oct-07	11/542514			EFFICIENT TCP ACK PRIORITIZATION IN WIRELESS NETWORKS
07-0006	USA	Filed	21-Jun-07	11/821580			CELLULAR COMMUNICATION SYSTEM, APPARATUS AND METHOD FOR HANDOVER
07-0008	USA	Filed	23-Aug-07	11/895625			APPARATUS AND METHOD FOR SIGNALLING IN A WIRELESS COMMUNICATION SYSTEM
07-0016	USA	Filed	4-Mar-08	12/042259			METHOD AND APPARATUS FOR MANAGING TRANSMISSION OF TCP DATA SEGMENTS
01-0068	USA	Granted	5-Jul-02	10/190,300	20-Jan-09	7,480,261	SYSTEM AND METHOD FOR PHYSICAL SHARED CHANNEL ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM
01-0110	USA	Granted	23-Oct-02	10/278,366	30-Jan-07	7,171,230	METHOD AND ARRANGEMENT FOR POWER CONTROL
01-0113	USA	Granted	21-Oct-01	10/274,806	25-Dec-07	7,313,118	METHOD AND ARRANGEMENT FOR A SYNCHRONOUS PROCESSING OF CTRCH DATA
01-0120	USA	Granted	22-Oct-02	10/277,545	30-Jun-09	7,554,947	RESOURCE ALLOCATION IN A PACKET-BASED RADIO COMMUNICATION SYSTEM

Docket #	Country	Status	Application Date	Application Number	Grant Date	Grant Number	Title
01-0127	USA	Granted	4-Dec-02	10/309,498	13-May-08	7,373,161	METHOD AND ARRANGEMENT FOR POWER CONTROL
01-0131	USA	Granted	4-Dec-02	10/310,082	20-Jan-09	7,480,276	METHOD AND ARRANGEMENT FOR DATA PROCESSING IN A COMMUNICATION SYSTEM
03-0039	USA	Granted	25-Jun-04	10/561,726	13-Oct-09	7,602,719	METHOD AND ARRANGEMENT FOR TCP FLOW CONTROL
03-0048	USA	Granted	19-Aug-04	10/922,584	26-May-09	7,539,497	OBTAINING CHANNEL QUALITY INFORMATION IN A WIRELESS COMMUNICATION NETWORK
04-0104	USA	Granted	19-Oct-04	10/969,102.0	6-Nov-07	7,292,825	RETRANSMISSION SCHEME IN A CELLULAR COMMUNICATION SYSTEM
04-0106	USA	Granted	4-May-04	10/838,983	23-Mar-10	7,684,372	SIGNALING MIMO ALLOCATIONS
04-0109	USA	Granted	11-Aug-05	11/202,535	16-Feb-10	7,664,090	INTRA-FRAME CODE DIVERSITY
05-0104	USA	Granted	30-Sep-05	11/241,646	11-Oct-09	7,616,603	APPARATUS AND METHOD FOR COMMUNICATING SIGNALING INFORMATION
05-0118	USA	Granted	15-Dec-05	11/303,781	29-Dec-09	7,639,635	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR CO-EXISTENCE OF DISSIMILAR SYSTEMS
06-0003	USA	Granted	31-Oct-05	11/263,044	17-Nov-09	7,620,367	FREQUENCY DOMAIN UNSCHEDULED TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM