Form PTO-1595 (Rev. 07/05) QMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Tredemark Office
RECORDATION FO	RM COVER SHEET SONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
IPWireless, Inc.	Name: Solectron Corporation
	Internal Address:
	Michael F. Grady, Esq., Chief Legal Counsel
Additional name(s) of conveying party(les) attached? Yes / No 3. Nature of conveyance/Execution Date(s):	Street Address: 847 Gibraltar Drive, Building #5
Execution Date(s) October 25, 2005	
Assignment Merger	
Security Agreement Change of Name	City: Mllpttas
Joint Research Agreement	State: California
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: U.S.A. Zip: 95035
Other	Additional name(s) & address(es) attached? Yes Vo
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/241,043 10/544,451 11/241,644 11/241,646	See Attachment 1.
11/241,630 11/273,443 11/263,044	
•	l tached? ☐Yes ☑No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved:_7
Name:Blalson, Bergen & Schwab	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 280.00
[nternal Address:Patrick M. Costello, Esq.	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 2600 El Camino Real, Sulta 300	Enclosed
	None required (government interest not affecting title)
City: Palo Alto	8. Payment Information
	a. Credit Card Last 4 Numbers 3029
	Expiration Date <u>09/07</u>
Phone Number: 650-857-9500	b. Deposit Account Number
Fax Number: 650-494-2738	Authorized User Name
Email Address: pcostello@bbsiaw.com	
9. Signature:	
Signature	Total annulus of source including cover
Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

MAR.14.2006

PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT is made and entered into this 25th day of October, 2005 by and between IPWireless, Inc., a Delaware corporation ("Debtor") and Solectron Corporation, a Delaware corporation, by and on behalf of itself and its various subsidiaries, including without limitation Solectron Europe B.V. (collectively, "Secured Party").

Recitals.

- A. Debtor and Secured Party are entering into a Security Agreement of even date herewith (the "Security Agreement") pursuant to which Debtor is granting Secured Party a security interest in all of its tangible and intangible property to secure Debtor's payment and performance obligations under that certain Manufacturing Agreement originally dated as of November 21, 2001 (as amended from time to time, the "Manufacturing Agreement").
- B. Debtor and Secured Party now desire to enter into this Patent Security Agreement to facilitate the perfection of Secured Party's security interest in Debtor's intellectual property.

NOW, THEREFORE, Debtor and Secured Party agree as follows:

1. Definitions: Interpretation.

- (a) <u>Terms Defined in Security Agreement</u>. All capitalized terms used but not defined in this Agreement that are defined in the Security Agreement shall have the meanings assigned to them in the Security Agreement.
- (b) <u>Certain Defined Terms</u>. As used in this Agreement, the following terms shall have the following meanings:

"Collateral" has the meaning set forth in Section 2.

"Security Agreement" shall have the meaning set forth in Recital A above.

"PTO" means the United States Patent and Trademark Office.

"UCC" means the Uniform Commercial Code as in effect in the State of California.

(c) <u>Terms Defined in UCC</u>. Where applicable in the context of this Agreement and except as otherwise defined herein, terms used in this Agreement shall have the meanings assigned to them in the UCC.

2. Security Interest.

(a) <u>Grant of Security Interest</u>. As security for the payment and performance of the Obligations, Debtor hereby grants to Secured Party a security interest in and mortgage upon all of Debtor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which Debtor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Collateral"):

- (i) all patents and patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such patents and patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;
- (ii) all general intangibles and all intangible intellectual or other similar property of Debtor of any kind or nature, associated with or arising out of any of the aforementioned properties and assets and not otherwise described above; and
- (iii) all proceeds of any and all of the foregoing Collateral (including license royalties, rights to payment, accounts and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance (whether or not Secured Party is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Collateral.
- (b) <u>Continuing Security Interest</u>. Debtor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated in accordance with Section 11.
- 3. <u>Supplement to Security Agreement.</u> This Agreement has been entered into in conjunction with the security interests granted to Secured Party under the Security Agreement. The rights and remedies of Secured Party with respect to the security interests granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement or any other security documents referred to therein, all terms and provisions of which are incorporated herein by reference.
- 4. <u>Representations and Warranties</u>. Debtor represents and warrants to Secured Party that a true and correct list of all of the existing Collateral consisting of U.S. patents and patent applications or registrations owned by Debtor, in whole or in part, is set forth in <u>Schedule A</u>.
- 5. Further Acts. On a continuing basis, Debtor shall make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments and documents, and take all such action as may be necessary or advisable or may be requested by Secured Party to carry out the intent and purposes of this Agreement, or for assuring, confirming or protecting the grant or perfection of the security interest granted or purported to be granted hereby, to ensure Debtor's compliance with this Agreement or to enable Secured Party to exercise and enforce its rights and remedies hereunder with respect to the Collateral, including any documents for filing with the PTO or any applicable state office. Secured Party may record this Agreement, an abstract thereof, or any other document describing Secured Party's interest in the Collateral with the PTO, at the expense of Debtor. In addition, Debtor authorizes Secured Party to file financing statements describing the Collateral in any UCC filing office deemed appropriate by Secured Party. If the Debtor shall at any time hold or acquire a commercial tort claim arising with respect to the Collateral, the Debtor shall immediately notify Secured Party in a writing signed by the Debtor of the brief details thereof and grant to the Secured Party in such writing a security interest therein and in the proceeds thereof, all upon the terms of this Agreement, with such writing to be in form and substance satisfactory to the Secured Party.
- 6. <u>Authorization to Supplement.</u> If Debtor shall obtain rights to any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, the provisions of this Agreement shall automatically apply thereto. Within thirty (30) days of the last day of each fiscal year, Debtor shall give notice in writing to Secured Party (email being acceptable) with respect to any such new patent rights. Without limiting Debtor's obligations under this Section 6, Debtor authorizes Secured Party unilaterally to modify this Agreement by amending

Schedule A to include any such new patent rights. Notwithstanding the foregoing, no failure to so modify this Agreement or amend Schedule A shall in any way affect, invalidate or detract from Secured Party's continuing security interest in all Collateral, whether or not listed on Schedule A.

- 7. <u>Binding Effect</u>. This Agreement shall be binding upon, inure to the benefit of and be enforceable by Debtor, Secured Party and their respective successors and assigns. Debtor may not assign, transfer, hypothecate or otherwise convey its rights, benefits, obligations or duties hereunder except as specifically permitted by the Security Agreement.
- 8. Governing Law. This Agreement shall be governed by, and construed in accordance with, the law of the State of California.

9. RESERVED.

- different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of this Agreement by facsimile shall be equally as effective as delivery of a manually executed counterpart. Any party hereto delivering a counterpart of this Agreement by facsimile shall also deliver a manually executed counterpart, but the failure to so deliver a manually executed counterpart shall not affect the validity, enforceability, or binding effect hereof.
- 11. <u>Termination</u>. The security interests created by this Agreement shall terminate concurrent with the termination of the Security Agreement.
 - 12. RESERVED.
 - 13. RESERVED.
- 14. <u>Notices.</u> All notices and other communications hereunder shall be in writing and shall be mailed, sent or delivered in accordance with the Security Agreement.

[Signature Page Follws]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement, as of the date first above written.

iPWireless, Inc., a Delaware corporation

Dur A

Name: Ja E Ja

Solectron Corporation, a Delaware corporation

W. . (and Sc

Title: - Global Credit Monager

MAR.14.2006 1:42PM BB&S 16504942738 NO.323 P.11/20

SCHEDULE A

to the

Patent Security Agreement

Debtor: IPWireless, Inc.

Issued U.S. Patents of Debtor:

See Attachment A

Debtor: IPWireless, Inc.

Pending U.S. Patent Applications of Debtor:

See Attachment A

PATENT REEL: 017337 FRAME: 0472

DOCKET NUMBER	COUNTRY	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	ORANT DATE
01-0056-IPW	USA	CHIP RATE INVARIANT DETECTOR	FILEO	10/197,459	July 1, 2002		
01-0058-IPW	EPC	CHIP RATÉ (NVARIANT DETECTOR	FILED	02745555.9	July 2, 2002		·
01-0058-IPW	68RI	CHIP RATE INVARIANT DETECTOR	GRANTED	0116181.0	July 2, 2001	2377547	June 1, 2004
01-0081-IPW	GBAI	WIRELESS MODEM	GRANNED	2102053	July 2, 2001	2102053	July 24, 2001
01-005Z-IFW	GBRI	WHELESS MODEM	GRANTED	210286Z	July 2, 2001	2102052	July 24, 2001
01-0053-(PW	GBRI	BASE STATION FOR WIRELESS COMMUNICATION SYSTEM	GRANTED	2102954	July 2, 2001	2102954	July 24, 2001
01-9065-IPW	LIBA	SYSTEM AND METHOD FOR CHANNEL TRANSPORT FORMAT ALLOCATION IN A WIRELESS COMMUNICATION BYSTEM	FILED	10/160,450	July 5, 2002		
01-0065-IPW	GBR1	SYSTEM AND METHOD FOR CHANNOL TRANSPORT FORMAT ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM	GRANTED	0116585.4	July 5, 2001	2377588	June 29, 2005
01-0 068- IPW	USA	NETHÓD BYSTEM AND COMMUNICATION UNIT FOR REQUESTING A COMMUNICATION RESOURCE	FILED	10/190,345	July 5, 2002		
01-0086-IPW	GBRI	METHOD BYSTEM AND COMMUNICATION UNIT FORE REQUESTING A COMMUNICATION RESOURCE	FJLED	0116554,7	July 6, 2001		
01-0068-IPW	ABU	SYSTEM AND METHOD FOR PHYSICAL SHARED CHANNEL ALLOCATION IN A WIRELESS COMMUNICATION SYSTEM	FILED	10/100,300	July 5, 200 2		
01-008B-JPW	GBAI	SYSTEM AND METHOD FOR PHYSICAL GHARED CHANNEL ALLOCATION IN A WIRELESS COMMUNICATION BYSTEM	FILED	0116557.0	July 5, 2001		
01-0070-IPW	USA	AGC SCHEME AND RECEIVER FOR USE IN A WIRELESS COMMUNICATION SYSTEM	#ju##	10/207,634	July 29, 2002		
61-0070-IPW	GBRI	AGC SCHEME AND REDIEVER FOR USE IN A WIRELESS COMMUNICATION SYSTEM	GRANTED	0118764.1	August 1, 2001	2378328	July 13, 2005
Q1-0071-JPW	UBA	ENCODER AND METHOD FOR EFFICIENT BYNCHRONIGATION CHANNEL ENCODING IN UTRA TOD MODE	FILED	10/241,086	Saptember (2, 2002		
Q1-0071-IPW	JAPAN	ENCODER AND METHOD FOR EPPICIENT SYNCHRONISATION CHANNEL ENCODING IN LITRA TOD MODE	FIL CO	527024/2008	September 13, 2002		
01-0071-IPW	KORB	ENCODER AND METHOD FOR PEFICIENT SYNCHRONISATION CHANNEL BINCODING IN UTRA TOD MODE	rjuđo	10-2004-7003798	September 13, 2002		
01-9971-IPW	CHIN	ENCODER AND METHOD FOR EFFICIENT SYNCHRONISATION CHANNEL ENOCOING IN UTRA TOD MODE	FILED	02819500,6	Eaptomber 13, 2002		
01-0071-IPW	£PC	ENCODER AND METHOD FOR BEFFEIENT SYNCHRONIBATION CHANNEL ENCODING IN UTRA TOD MODE	ř(L&D	02759511.4	September 15, 2002		

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CONFIDENTIAL

PATENT

REEL: 017337 FRAME: 0473

DOCKET NUMBER	GOUNTRY CODE	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
01-0071-IPW 01	GB RI	ENCODER AND METHOD POR EFFICIENT SYNCHRONISATION CHANNEL ENCODING IN LITER TOD MODE	FILED .	0226407.7	November 1, 2002		
01-0072-IPW	UŞA	METHOD AND ARRANGEMENT FOR AUTOMATIC FREGUENCY CORRECTION	FILED	10/242,481	September 12, 2002		
01×0072×IPW	шРС	METHOD AND ARRANGEMENT FOR AUTOMATIC FREGULINGY CORRECTION	FILED	02788370.0	September 13, 2002		
01-0166-IPW	LISA	METHOD AND ARRANGEMENT FOR USE IN A SINGLE USER DETECTOR FOR A COMA MULTI- PATH SYSTEM	FILED	(0/252,160	October 1, 2002		
01-0100-IPW	EPG	METHÓD AND ARRANGEMENT FOR USE IN A SINGLE USER DETECTOR FOR A COMA MULTI- PATH SYSTEM	PILED	9 2760439.8	October 1, 2002		
01-0101- PW	L/SA	usit of internet web TECHNOLOGY TO REGISTER WIRELESS ACCESS CUSTOMERS	FILED	P9/625,689	July 27, 2000		
01-010I-(PW	ASTL	USE OF INTERNET TECHNOLOGY TO REGISTER WIRELESS ACCESS CUSTOMERS	FILED	767 (040)	July 27, 2001		
01-0101-IPW	JAPAN	USE OF INTERNET TECHNOLOGY TO REGISTER WIRELESS ACCESS CUSTOMERS	FILED	515057/2002	July 27, 2001		
01-0101-IPW	SING	USE OF INTERNET WEB TECHNOLOGY TO REGISTER WIRELESS ACCESS CUSTOMERS	GRANTED	2002 01 79 8-3	July 27, 2004	89040	April 20, 2005
01-0101-IPW	GBRI	USE OF INTERNET TECHNÓLOGY TO REGISTER WIRELESS ACCESS CUSTOMERS	GRANTED	0110393.0	Jujy 27, 2001	2369275	Nevember 10, 2004
01-0102- PW	UŠA	USE OF RADIUS (REMOTE AUTHENTICATION DIAL-IN-USER SERVICE) IN UMTS TO PERFORM ACCOUNTING FUNCTIONS	FILED	08/020,002	July 27, 2000	·	
01-0102-IPW	JAPAN	USE OF RADIUS IN UMYS TO PERFORM ACCOUNTING FUNCTIONS	F(LED	515859/2002	July 27, 2001		
01-0102-IPW	SING	USE OF RADIUS IN UNITS TO RERPORM ACCOUNTING FUNCTIONS	F(LED	2002 01711-9	July 27, 2001		
01-0102-jPW	ASTI.	USE OF RADIUS IN UNITS TO PERFORM ACCOUNTING FUNCTIONS	FILED	76469/01	July 27, 2001		
01-0102-IPW	CERI	USE OF RADIUS IN UNITS TO PERFORM ACCOUNTING PUNCTIONS	GRANTED	0118392.0	July 27, 2001	2309272	November 10, 2004
01-0103-IPW	UEA	USE OF RADIUS IN UNTE TO PERFORM HLR PUNCTION AND FOR ROAMING	F(LEO	69/528,700	July 27, 2000		
01-0103-1PW	JAPAN	USE OF RADIUS IN UMTO PERPORM HER FUNCTION AND FOR ROAMING	FILED	015555/2002	July 27, 2001	•	

DOCKET NUMBER	COUNTRY	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
01-0103-IPW	SING	USE OF RADIUS IN UMTS PERFORM HLR PUNCTION AND FOR ROAMING	FILED	2002 01710-1	July 27, 2001		
01-0103-IPW	A5TL	USE OF RADIUS IN UMTS PERFORM HUR FUNCTION AND FOR ROAMING	FILED	7571 J/Dt	July 27, 2001		
64-6163-1PW		USE OF RADIUS IN UMTS PERFORM HLR FUNCTION AND FOR ROAMING	GRANTED	0176391.2	July 27, 2001	2309271	November 19, 2004
01-0108-IPW	USA	CODE DIVISION MULTIPLE ACCESS RECEIVER	PILED	10/270,698	October 24, 2002		
Q1-Q1(05-II ² /W	EPC	ÇODE DİVIĞIĞIN MULTIPLIR ACCESS RIİĞÜMÜR	FILED	02061963.6	October 23, 2002		
01-0110-(PW	UŠA	METHOD AND ARRANGEMENT FOR POWER CONTROL	FILED	10/279,586	October 23, 2002		
o(-0113-IPW	LISA	METHOD AND ARRANGEMENT FOR A SYNCHRONOUS PROCESSING OF COTROH DATA	PIL GO	10/274.609	October 21, 2001		
'01-0113- PW	EPĊ	METHOD AND ARRANGEMENT FOR A SYNCHRONOUS PROCESSING OF COTRCH DATA	FILED	6 2770052.2	October 21, 2002		
01-01 (7-1)*W	USA	METHOD, COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONIZATION FOR MULTI-RATE COMMUNICATION	FILED	10/290,005	November 13, 2002		
61-0+17-IPW	EPĊ	METHOD COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MILITIRATE COMMUNICATION	FILED	027706p3.6	November 14, 2002		
D1-Q116-IPW	USA	PACKET DATA QUEUING AND PROCESSING	FILED	(0/270,342	October 23, 2002		
01-0118-IPW	GPC	PACKET DATA QUEUING AND PROCESSING	FILED	02772049.0	October 24, 2002	 -	
01-0120-IPW	USA	RESOURCE ALLOCATION IN A PACKET-BASED RADIO COMMUNICATION SYSTEM	FILED	10/277,548	October 22, 2002		
01-0120-JPW	EPĈ	RESOURCE ALLOCATION IN A PACKET-BASED RADIO COMMUNICATION SYSTEM	FILED	02770008.2	October 22, 2002		
01-0127-IPW	UŠA	METHOD AND ARRANGEMENT FOR POWER CONTROL	FILED	10/309,498	135cember 4, 2002		
01-0127-(PW	GBRI	METHOD AND ARRANGEMENT FOR POWER CONTROL	FILED	0128098.0	December 5, 2001		
01-0127-IPW	JAPAN	METHOD AND ARRANGEMENT FOR POWER CONTROL	F(LED	650302/2003	Detamber 5, 2002		
01=0127=JPW	KORS	METHOD AND ARRANGEMENT FOR POWER CONTROL	· FILED	10-2004-7008723	December 6, 2002		
61-9127-JPW	CHIN	METHOD AND ARRANDEMENT FOR POWER CONTROL	FILED	02020057.1	Geogriber 5, 2002		
01-0127-IPW	EPÇ	METHOD AND ARRANGEMENT FOR POWER CONTROL	F/LEO	02708070.0	Documber 5, 2002		

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DOCKET NUMBER	COUNTRY CODE	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION GATE	PATENT NUMBER	GRANT DATE
01-0120-I # W	USA	METHOD AND ARRANGEMENT FOR ALLOCATION OF RESOURCES IN A RADIO COMMUNICATION SYSTEM	PILED	10/279,697	October 24, 2009		
D1-0120-1PW	EPC	METHOD AND ARRANGEMENT FOR ALLOCATION OF RESOURCES IN A RADIO COMMUNICATION SYSTEM	F(LED	02772563.0	Oglober 22, 2092		
01-0128-IPW CON	UBA	METHOD AND ARRANGEMENT POR ALLOCATION OF RESOURCES IN A RADIO COMMUNICATION SYSTEM	FILED	Not Yet Assigned	Sagramber 38, 2005		
01-0131-IPW	LISA	METHOD AND ARRANGEMENT FOR DATA PROCESSING IN A COMMUNICATION SYSTEM	FILED	10/310,082	December 4, 2002		
01-0131-IPW	EPC	METHOD AND ARRANGEMENT FOR DATA PROCESSING IN A COMMUNICATION SYSTEM	FILED	02785822.8	December 5, 2002		,
01-0131-IPW	ĠBRI	METHOD AND ARRANGEMENT FOR DATA PROCESSING IN A COMMUNICATION SYSTEM	GRANTED	0120103.6	December 5, 2001	2482080	March 15, 2005
01-6132-IPW	U8A	METHÓD, ARRANGEMENT AND COMMUNICATION RECEIVER FOR SUR ESTIMATION	PILED	16/303,304	November 25, 2002		
04-0132-JPW	EPC	METHÓD ARRANGEMENT AND COMMUNICATION RECEIVER FOR SNIR ESTIMATION	FILED	02604264,4	Νονεπροετ 22, 2002		
W9-82(0-)0	USA	USE OF INTERNET WIRE TECHNOLOGY FOR WIRELESS INTERNET ACCESS	GRANTED	08/715.556	November 17, 2000	6.873.609	March 29, 2005
01-0133-IPW	GBRI	LISE OF INTERNET WITH TECHNOLOGY FOR WIRELESS INTERNET ACCESS.	GRANTED	0127547.8	November 16, 2001	2371184	May 16, 2005
01-0134-IPW	MS.N	CELLULAR WIRELESS INTERNET ACCESS SYSTEM USING SPREAD SPECTRUM AND INTERNET PROTOCOL	GRANTED	09/432,624	November 3, 1999	9,855,159	March 6, 2005
02-0008-)PW	UŠA	SYSTEM, TRANSMITTER, RECEIVER AND METHOD FOR COMMUNICATION POWIER CONTROL	FILED	10/436,250	Mey 15, 2003		
02-0000-IPW	JNDJ	SYSTEM, TRANSMITTER, RECEIVER, AND METHOD FOR COMMUNICATION POWER CONTROL	FILED	3810/01EJ.NP/2004	May 18, 2003	•	
02-0008-(PW	JAPAN	\$YSTEM, TRANSMITTER, RECEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FILED	500211/2904	May 15, 2003		
02-000B-(PW	KORS	SYSTEM, TRANSMITTER, RECEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FILEO	10-2004-7018414	May 15. 2003		
02-0008-IPW	CHIN	SYSTEM, TRANSMITTER, RECEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FiLQD	03611908.7	May 15, 2003		
02- 0008 -IPW	EPĊ	\$YSTEM, TRANSMITTER. ARCEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FiLED	03722873.1	May 16, 2003		
02-0010-IPW	UŠA	PAR-EQUALISATION FOR UMTS BASE STATION	FILED	10/531,102	April 12, 2005		
02-0010-IPW	JAPAN	ARRANGEMENT AND METHOD FOR BY FILTER	PILED	844494/2004	October 20, 2003		
2-0010-IPW	EPC	ARRANGEMENT AND METHOD	FILED	PCT/GB2003/004608	October 20, 2003		
72-0010 -(Pv/	 -	ARRANGEMENT AND MOTHOD	GRANTED	0224287.2	Ocreber 18, 2002	2384390	July 6, 2006
02-0024-1PW		FOR REFIGURE SYSTEM AND METHOD TO PROVIDE UMTS AND INTERNET AUTHINTICATION	FILGO	10/530,638	April 0, 2005		
02-0924-)FW	GBRI	EVETEM AND METHOD FOR USE OF INTERNET AUTHENTICATION TECHNOLOGY TO PROVIDE UMTS AUTHENTICATION	PILED	0228311.2	October 8, 2002		

DOCKET NUMBER	COUNTRY	TITLE	BTATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
C2-0024-IPW	EPC	SYSTEM AND METHOD FOR USE OF INTERNET AUTHENTICATION TECHNOLOGY TO PROVIDE UMTS AUTHENTICATION	FILAD	08749802.5	October 8, 2003		
02-0026-IPW	GBRI	SYNCHRONISATION IN W-COMA BY COMBINING SECONDARY SYNCHRONISATION CODES FROM PLURAL \$4,0TS	FILED	0200414.2	April 25, 2002		
02-9031-IPW	USA	ARRANGEMENT AND METHOD FOR CHANNEL MAPPING IN A WIRELESS COMMUNICATION SYSTEM	FILED	10/409,281	April 8, 2005		
02-0031-IPW	ivior	GYSTEM, TRANSMITTER. RECEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FILED	3000/PELNP/2004	April 8, 2003		
02-0031-IPW	JAPAN	SYSTEM, TRANSMITTER, RICEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	PILED	585342/2003	April 5, 2003		
02-0031-IPW	KORS	ARRANGEMENT AND METHOD FOR CHANNEL MAPPING IN A WIRELESS COMMUNICATION SYSTEM	FILED	10-2004-7016082	April 8, 2003		
03-0031-IPW	CHIN	SYSTEM, TRANSMITTER, RECEIVER AND METHOD FOR COMMUNICATION POWER CONTROL	FILED	PCT/GB08/01677	April 8, 2003		
02:0031-IPW	EPC	ARRANGEMENT AND METHOD FOR CHANNEL MAPPING IN A WIRELESS COMMUNICATION SYSTEM	FILED	03717442.2	April 8, 2003		
02-0050-IPW	GPRI	METHOD AND ARRANGEMENT FOR POWER CONTROL IN A RADIO COMMUNICATION BYSTEM	FILED	0320626,8	Oecamber 23, 2003		
02-0050-JPW	PCT	METHOD AND ARRANGEMENT FOR POWER CONTROL IN A RADIO COMMUNICATION SYSTEM	F(LEĎ	PCT/EP2004/053502	December 16, 2004		****
02-0057-IPW	GBRI	HOLDER FOR MODULE AND METHOD THEREOF	FILED	0319769.6	August 22, 2003		
02-0057-IPW	PCT	HOLDER POR MODULE AND METHOD THE ROOF	FILED	PCT/GB2004/003462	August 12, 2004		
02-0073-IPW	GBAI	METHOD OF SESSION CONTROL IN A WIRELESS COMMUNICATION NETWORK	FILED	6222632.2	October 1, 2002	237(104	Mgy 18, 2005
02-0073-JPW	USA	ARRANGOMENT AND METHOD FOR SESSION CONTROL IN WIRELESS COMMUNICATION NETWORK	FILEP	10/029,901	October 1, 2003		
02-0073-IPW	EPC	METHOD OF SESSION CONTROL IN A WIRELESS COMMUNICATION NETWORK	FILED	03756551-2	October 1, 2003		
02-0675-IPW	LISA	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM	FILED	10/531.151	April 12, 2005		
02-0076-JPW	GOAL	METHOD AND ARRANGIMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION 6YSTEM	RILED	0224757.5	October 24, 2002		
03-9975-IPW	EPC	METHOD AND ARRANGEMENT FOR CHANNEL ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM	FILED	03750358.4	October 24, 2003		
02-0093-IPW	UBA	SUPPORT OF PLURAL CHIP RATES IN A COMA SYSTEM	FILED	10/637,196	December 9, 2003		
02-0093-IPW	JAPAN	BUPPORT OF PLURAL CHIP RATES IN A COMA SYSTEM	FILED	0228613.6	December 9, 2003		
02-9093-IPW	KORS	BUPPORT OF PLURAL CHIP RATES IN A COMA SYSTEM	FILED	то гошом	Decamber 9, 2003		
02-0093-(PW	CHIN	SUPPORT OF PLURAL CHIP RATES IN A COMA SYSTEM	FILED	TO FOLLOW	Documber 9, 2003		
02-0003-IPW	<u> </u>	SUPPORT OF PLURAL CHIP RATES	F(LGD	0228613.6	Одсетрат 9, 2002		
02-0003-IPW		IN A COMA SYSTEM SUPPORT OF PLURAL CHIP RATEO		0220613.6	Occember 5, 2003		
02-00pt-(PW		IN A COMA SYSTEM METHCO AND ARRANGEMENT FOR AUTOMATIC FREQUENCY CONTROL IN A COMMUNICATION SYSTEM	F(LED	0011311.5	Mgy 16, 2003		

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DÓCKÆT NUMBER	COUNTRY	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
⊋-0086-IPW	PCT	METHOD AND ARRANGEMENT FOR AUTOMATIC PREQUENCY CONTROL IN A COMMUNICATION \$Y\$TEN	FILED	PCT/GB2004/002111	Mgy 17, 2004		
zz-0086-rPW	UBA	ARRANGEMENT AND METHOD POR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM	FILED	10/532,182	May a, zood		
)2-0060- F W	CHIN	ARPANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM	FILED	TO FOLLOW	Nevember 3, 2003		
32-0005-IPW	JAPAN	ARRANGEMENT AND METHOD FOR SECURNCE PRODUCTION IN A SPRILAD SPECTRUM COMMUNICATION SYSTEM	FILEP	TO FOLLOW	November 3, 2008	_	
02-000B-IPW	KORS	ARRANGEMENT AND METHOD FOR REQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM	FILED	TO FOLLOW	November 3, 2003	<u>.</u>	<u>.</u>
02-00 08- (PW	EPC	ARRANGEMENT AND METHOD FOR SECURNCE PRODUCTION IN A SPRILAD SPECTRUM COMMUNICATION SYSTEM	FILED	TO FOLLOW	November 3, 2003		
02-00 98-)PW	GBRI	ARRANGEMENT AND METHOD FOR SEQUENCE PRODUCTION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM	GRANTED	0225405,1	November 1, 2002	2394887	June 1, 2005
03-0013-IPW	UŚA	METHOD BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION SYSTEM	FJLCC	TO POLLOW	August 5, 2005		
03-0013- PW	EPC	METHOD BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION SYSTEM	FILED	4710970.7	February 11, 2004		
03-0013-IPW	JAPAN	METHOD BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION SYSTEM	FjLito	то гошом	February 11, 2054		
03-0013-IPW	KORS	METHOD BASE STATION AND MOBILE STATION FOR TOD CPERATION IN A COMMUNICATION BYSTEM	FILED	10-2008-7014730	Pebruary 11, 2004		
03-0013-JPW	GBRI	METHOD BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION BYSTEM	PILED	0303079.0	Герлину 11, 2003		
03-0013-IPW	PCT	METHOD BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION SYSTEM	FILED	PGT/GB2004/0000526	February 11, 2004		
03-0036-IPW	PCT	METHOD, BASE STATION AND MOBILE STATION FOR TOD OPERATION IN A COMMUNICATION SYSTEM	FILED	PCT/GR2004/002307	Мау 26, 2004	<u> </u>	
03-003 9 -IPW	GBRI	METHOD AND ARRANGEMENT FOR TOP PLOW CONTROL	PILED	0315009.1	June 27, 2003		
03-0039-IPW	PCT	METHOD AND ARRANGEMENT FOR TOP FLOW CONTROL	FILED	PCY/Gtb2004/002728	June 25, 2004		
03-0042-IPV	GBRI	METHOD AND ARRANGEMENT FOR NOISE VARIANCE AND SIR ESTIMATION	FILED	0318529,8	August 7, 2003	"	
03-0042-IPV	PCY	FOR NOISE VARIANCE AND SIR	FILEO	PCT/GB2004/0093888	August 5, 2004		
03-0048-IPV	USA	OBTAINING CHANNEL QUALITY INFORMATION IN A WIRELESS COMMUNICATION NETWORK	FILED	10/822,504	August 18, 2004		—
Q3-004B-(PV	V GBRI	MÉTHOD, BASE STATION. REMOTE ÉTATION AND SYSTEM FOR HSDPA COMMUNICATION	FIL Ē Ū	0310557.4	August 20, 2003		
03-004B-1PV	V PCT	METHOD, BASE STATION. REMOTE STATION AND SYSTEM FOR HEOPA COMMUNICATION	FILED	PCT/EP2004/009264	August 18, 2004		
Q3-0058-IPV	V USA	METHOD AND ARCANGEMENT FOR MITIGATION OF INTERCELL INTERFERENCE IN A CELLULAR COMMUNICATION SYSTEM	FILEO	11/071,954	March 3, 2005		
03-0058-IPV	y GBRI	METHOD AND ARMANGEMENT FOR MITIGATION OF INTERCELL INTERFERENCE IN A CELLULAR COMMUNICATION BYSTEM	FILED	0406100.0	March 5, 2004		

DOČKAT Number	COUNTRY CODE	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
03-005B-IPW	PCT	METHOD AND ARRANGEMENT FOR MITICATION OF INTERCELL INTERFERENCE IN A COLLULAR COMMUNICATION SYSTEM	FILED	PCT/EP2006/050756	February 22, 2005		
03-0057-jPW	PCT	METHOD AND ARRANGEMENT FOR DYNAMIC CHANNEL ABBROMBINT IN A TOD COMMUNICATION SYSTEM	FILED	PCT/EP2005/051540	July 4, 200 5		
03-0067-IFW	ÇBRI	METHOD AND ARRANGEMENT FOR DYNAMIC CHANNEL ASSIGNMENT IN A TOD COMMUNICATION SYSTEM	FILED	6408202.3	April 13, 2004		
03-0068-IPW	USA	METHOD AND APPARATUS FOR IMPROVED THROUGHPUT IN A COMMUNICATION SYSTEM	FILED	10/085,638	November 19, 2004		
W9(-8800-80	GBRI	METHOD AND APPARATUS FOR IMPROVED THROUGHOUT IN A COMMUNICATION SYSTEM	FILED	0020405.8	November 12, 2003		·
03-0058-IPW	PČŤ	METHOD AND APPARATUS FOR IMPROVED THROUGHOUT IN A COMMUNICATION SYSTEM	FILED	PCT/EP2004/052862	November 6, 2004		
03-0059-IPW	QBRL	METHOD AND ARRANGEMENT FOR MESOURCE ALLOCATION IN A COMMUNICATION SYSTEM	FILED	0415422.5	July 8, 2004		
04-0002-IPW	GBRI	MULTI-USER DETECTOR AND METHOD FOR USE IN A COMMUNICATION SYSTEM	FILED	0411242.1	May 20, 2004	<u> </u>	
04-0002-IPW	PCT	MULTI-USER DETECTOR AND METHOD FOR USE IN A COMMUNICATION SYSTEM	FILED	PCT/EP2004/062118	May 10, 2006	;	
04-0004-IPW	PCT	ARRANGEMENT AND METHOD FOR RADIO NIETWORK RELOCATION	FILED	PCT/EP2005/052114	May 10, 2005		
04-000+-PFW	GBRI	ARRANGEMENT AND METHOD FOR RADIO NETWORK	PILED	D4 107987.2	Mpy 17, 2004		
04-0101-IPW	USA	RILOCATION METHOD AND APPARATUS FOR ACCESSING A DATA NETWORK THROUGH A CELLULAR COMMUNICATION SYSTEM	FILED	10/873,005	June 21, 2004		
04-0101-1PW	PCY	METHOD AND APPARATUS FOR ACCESSING A DATA NETWORK 7HROUGH A CELLULAR COMMUNICATION SYSTEM	FILED	PCT/#P2005/052705	Jupa 16, 2006		
64-6162-IPW	GBRI	APPARATUS AND METHOD FOR COMMUNICATING LIBER BOUIPMENT SPECIFIC INFORMATION IN CELLULAR COMMUNICATION SYSTEM	FILED	0418107.9	Appart 13, 2004		
04-0102-IPW	PCT	APPARATUS AND METHÓD FOR COMMUNICATING USER EQUIPMENT SPECIFIC INFORMATION IN CELLULAR COMMUNICATION SYSTEM	FILEO	PCT/EP2006/052990	August 10, 2005		
04-0102-(PW	USA	APPARATUS AND METHOD FOR COMMUNICATING USER EQUIPMENT SPECIFIC INFORMATION IN CELLULAR COMMUNICATION GYSTEM	FILED	PCT/EP2005-053033	August 10, 2005		
04-6103-(P\V	PCT	APPARATUS AND METHOD SCHEDULING DATA ACROSS A SHARED COMMUNICATION LINK IN A CELLULAR COMMUNICATION SYSTEM	FILED	PC1//EP2005/054537	Şepleyeber 18, 2005		
04-0103-(PW	UEA	APPARATUS AND METHOD SCHEDILING CATA ACROSS A SHARED COMMUNICATION LINK IN A CELLULAR COMMUNICATION SYSTEM	FILED	10/041,551	September 14, 2004		
04-0104·JPW	РСТ	METHOD AND APPARATUS FOR CONTROLLING A TRANSMISSION OF A RETRANSMISSION SCHEME.	FILAD	PCT/EP2003/054970	October 3, 2005		
04-0104-IPW	USA	METHOD AND APPARATUS FOR CONTROLLING A TRANSMISSION OF A RETRANSMISSION SCHEME	FILEG	10/989,102	October 19, 2004		

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DOCKET NUMBER	COUNTRY COOK	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
94-0105-IP₩	UBA	TRANSMIBBION OFFICIENCY FÖR BROADCAST/MULTICAST SERVICEB IN CELLULAR NETWORKS	PILED	10/826,46/1	April 16, 2004		
14.6106-(PW	PCT	TRANSMISSION EFFICIENCY FOR BROACCASTAULTICAST EERVICES IN CELLULAR NETWORKS	FJLED	PCT/EP2006/05(630	April 7, 2006		
14-0106-IPW	Ų BA	SIGNALLING MIMO ALLOCATIONS	FILTIC	10/838,983	Mary 4, 2004	_	
04-0108-)717	PCT	SIGNALLING MIMO ALLOCATIONS	FILED	PCT/EP2005/081772	April 21, 2005		
04-D197-IPW	USA	MIDAMBLE ALLOCATIONS FOR MIMO TRANSMISSIONS	EXPIRED	\$0/8 08 ,184	May 4, 2004	,	
04-0107-)PW	USA	MIDAMBLE ALLOCATIONS FOR MIMO TRANSMISSIONS	FILEO	11/122,307	May 4, 2005		
04-0107-IPW	PÇT	MIDAMBLE ALLOCATIONS FOR MIMO TRANSMISSIONS	FILED	PG7/EP2005/052081	May 4, 2005		
04-0105-IPW	USA	POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM	FILED	10/917,988	August 12, 2004		
64-0106-IPW PCT	РСТ	POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM	PILED	PCT/EP2003/053931	August 10, 2005		
04-0108-IPW	USA	INTRA-FRAME CODE DIVERSITY	EXPIRED	60/601,267	August 12, 2004		
04-0100-IPW	USA	INTRA-PRAME CODE DIVERSITY	FILED	11/202,595	Apguil 11, 2006		
04-0109-IPW PCT		INTRA-PRAME CODE OIVERSITY	PILED	PCT/CP2005/063069	August 11, 2008		
04-0111-IPW	/ USA	INJULT OF SYNC DETECTION FOR HEDPA WITHOUT A DOWNLINK DPCH	FILED	11/050,570	Рејициу 14, 2005		
05-0101-IPW	UŜA	SELECTION OF TRAINING SEQUENCES FOR MULTIPLE-IN MULTIPLE-OUT TRANSMISSIONS	FILED	11/081,058	February 17, 2005	_	
05-0102-IPW	USA	FLOW CONTROL IN A CELLULAR COMMUNICATION SYSTEM	FILED	11/097,504	April 1, 2000		<u> </u>
08-0103-IPW	/ GBR1	APPARATUS AND METHOD FOR COMMUNICATING UPLINK SIGNALLING INFORMATION	PILED	0600799.4	Mpy 3, 2006		
06-0103-IPV	USA	APPARATUS AND METHOD FOR COMMUNICATING UPLINK SIGNALLING INFORMATION	FILED	Not Yet Assigned	September 30, 2005		
Q5-0104-(PV		APPARATUS AND METHOD FOR COMMUNICATING SIGNALLING INFORMATION	FILED	0608801,8	May 3, 2005		
D6-0104-IPV	V UBA	APPARATUS AND METHOD FOR COMMUNICATING BIGNALING INFORMATION	PILED	Not Yel Assigned	Saprember 30, 2005		

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OOCKET NUMBER	COUNTRY CODE	TITLE	STATUS DESCRIPTION	APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	ORANT DATE
05-0105-IPW	UŠA	INTERPERENCE MITIGATION FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	FILED	11/190,287	July 20, 2005		
05-0110-IPW	GBR1	ROY DONTEN DIN EUTRARASS EMILIANDIS BRITADINIUMMOD MOITAMAROSNI	FILED	517218.2	August 24, 2005		
55-0110-IPW	USA	APPARATUS AND METHOD POR COMMUNICATING SIGNALING INFORMATION	PILED	Not Yet Assigned	September 30, 2005		
05-0112-IPW	CBR	DUPLEX OPERATION IN A CELLULAR COMMUNICATION SYSTEM	FILED	517126.5	August 19, 2005		
05-01 12-IPW	UBA	OUPLEX OPERATION IN A CHILLIAR COMMUNICATION SYSTEM	FILTE	11/246,720	September 30, 2005		
05-011B-IPW	GBRI	CELLULAR COMMUNICATION SYSTEM AND METHOD FOR CO- EXISTENCE OF DISSIMILAR SYSTEMS	FILED	TO FOLLOW	October 10, 2005		
06-0121-(PW	USA	UPLINK RESOURCE ALLOCATION TO CONTROL INTERCELL INTERFERENCE IN A WIRELESS COMMUNICATION SYSTEM	FILED	11/200,512	August 22, 2005		
05-0123-JPW	USA	DATA PACKET TYPE RECOGNITION BYSTEM	FILED	11/209,465	August 23, 2005		
DS-0125-IPW	USA	COMPATIBLE BROADCAST DOWNLINK AND UNICAST UPLINK INTERPERINGE REDUCTION FOR A WIRELESS COMMUNICATION SYSTEM	FILED	11/209.201	August 23, 2006		
(tha	UŠA	COMBRENT AND NO-COMERENT TRANSMISSION	DOCKETED			_	
Фа	UŠA	FRICULNCY COMAIN RANDOM ACCESS IN A TOD WIRELESS COMMUNICATIONS SYSTEM	()lad by November 1				



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REASON FOR ERROR E-1) HANG UP OR LINE FAIL E-3) NO ANSWER

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E-2) BUSY E-4) NO FACSIMILE CONNECTION

FAX TRANSMITTAL BIALSON, BERGEN & SCHWAB

Attorneys at Law 2600 Bl Camino Real, Suite 300 Palo Alto, California 94306 (650) 857–9500

Facsimile: (650) 494-2738

To:

Fax #: (571) 273-0140

From: Catherine Lee Date: January 12, 2006

Subject: Recordation of Security Agreement Pages: 16, including this cover sheet

Re: Patent Applications No.11/241,043, 10/544,451, 11/241,644, 11/241,646, 11/241,630, 11/273,443, and 11/263,044

Attached please find Credit Card Payment Form, Recordation Form Cover Sheet, and Patent Security Agreement. Please record the Patent Security Agreement against the above-referenced patents.

Thank you for your kind assistance in this matter. Please feel free to contact me if you have any questions.

PATENT REEL: 017337 FRAME: 0483

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E-2) BUSY E-4) NO FACSIMILE CONNECTION

FAX TRANSMITTAL BIALSON, BERGEN & SCHWAB

ATTORNEYS AT LAW 2600 EL CAMINO REAL, SUITE 300 PALO ALTO, CALIFORNIA 94306 (650) 857-9500

Facsimile: (650) 494-2738

Sharon Brooks

Fax #:

(571) 273-0140

Assignment Services Branch

From:

To:

Catherine Lee

Date:

February 24, 2006

Subject: Correction of Recordation of Security

Pages:

19, including this cover sheet

E-mail: clee@bbslaw.com

DOCUMENT ID NO.: 700236648

Agreement

Re: Patent Applications No.11/241,043, 10/544,451, 11/241,644, 11/241.646, 11/241.630, 11/273,443, and 11/263.044

In response to Notice of Non-Recordation of Document, attached please find the following:

<u>Description</u> Page #

Notice of Non-Recordation of Document 2-3

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