

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
NXP B.V.		12/15/2013
RECEIVING PARTY DATA		
Name:	BREAKWATERS INNOVATIONS LLC	
Street Address:	951 EAST BYRD ST., 8TH FLOOR	
Internal Address:	LECLAIR RYAN, RIVERFRONT PLAZA, EAST TOWER	
City:	RICHMOND, VA 23219	
State/Country:	VIRGINIA	
Postal Code:	23219	
PROPERTY NUMBERS Total: 85		
Property Type	Number	
Patent Number:	6757267	
Patent Number:	6987745	
Patent Number:	6901245	
Patent Number:	6807401	
Patent Number:	6871052	
Patent Number:	7302244	
Patent Number:	6819293	
Patent Number:	6909911	
Patent Number:	7848771	
Patent Number:	8063834	
Patent Number:	6324083	
Patent Number:	6683886	
Patent Number:	7262733	
Patent Number:	7095749	
Patent Number:	8018960	
Patent Number:	8364832	
Patent Number:	8045533	
Patent Number:	7392028	
Patent Number:	8060053	
Patent Number:	8457243	

PATENT

Property Type	Number
Patent Number:	8358370
Patent Number:	6002940
Patent Number:	6205167
Patent Number:	6687233
Patent Number:	6519237
Patent Number:	6633601
Patent Number:	6567392
Patent Number:	6567428
Patent Number:	6574289
Patent Number:	6747969
Patent Number:	6959053
Patent Number:	6782497
Patent Number:	7089004
Patent Number:	7558567
Patent Number:	8369428
Patent Number:	6259353
Patent Number:	8160644
Patent Number:	8538481
Patent Number:	6571344
Patent Number:	7327311
Patent Number:	6891499
Patent Number:	6778134
Patent Number:	6816113
Patent Number:	7193560
Patent Number:	7765064
Patent Number:	5845322
Patent Number:	6085307
Patent Number:	6330658
Patent Number:	6349378
Patent Number:	7453866
Patent Number:	7881367
Patent Number:	7777649
Patent Number:	8201251
Patent Number:	8176302
Patent Number:	7958644
Patent Number:	8255724
Patent Number:	8237436
Patent Number:	7937845
Patent Number:	5715467

PATENT

REEL. 032642 FRAME. 0565

Property Type	Number
Application Number:	13438667
Patent Number:	6397053
Patent Number:	6766460
Patent Number:	6590365
Patent Number:	6400127
Patent Number:	6414858
Patent Number:	7523331
Patent Number:	6151488
Patent Number:	6728301
Patent Number:	6373233
Patent Number:	6954628
Patent Number:	7120415
Patent Number:	7278071
Patent Number:	6957382
Patent Number:	7091782
Patent Number:	7414676
Patent Number:	8063997
Patent Number:	7457595
Patent Number:	7881694
Patent Number:	7839213
Patent Number:	7469306
Patent Number:	8050349
Patent Number:	7949067
Patent Number:	8379768
Patent Number:	8472545
Application Number:	12274266

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SIGNATURE:	/Marc P. Schuyler/
DATE SIGNED:	04/09/2014

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REEL: 032642 FRAME: 0566

Total Attachments: 7

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Exhibit B

ASSIGNMENT OF PATENT RIGHTS

Effective September 30, 2013, for good and valuable consideration, the receipt of which is hereby acknowledged, NXP B.V., having offices at High Tech Campus 60, 5656 AG Eindhoven, the Netherlands, ("**Assignor**"), does hereby sell, assign, transfer and convey unto Breakwaters Innovations LLC., having an office at c/o LeClair Ryan, Riverfront Plaza, East Tower, 951 East Byrd St., Eighth Floor, Richmond VA 23219 ("**Assignee**") or its designees, all of Assignor's right, title and interest in and to the patents listed below, any and all counterpart foreign patents, applications and certificates of invention, and all reissues, re-examinations, renewals, extensions and of any of the foregoing (collectively "**Patent Rights**"):

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
6757267	US	13 Apr 1999	MULTI-BEAM ANTENNA DIVERSITY CIRCUIT Dave Evans, Kevin Boyle et al.
6901245	US	16 Aug 2000	ANTENNA DIVERSITY FOR PEN-SHAPED HANDSET Kevin Boyle
6987745	US	18 Apr 2000	BASE STATION TRACKING FOR MOBILE HAVING DIRECTIONAL ANTENNAS Raul Bruzzone
6807401	US	21 Mar 2001	ANGULAR DIVERSITY FROM CLOSELY SPACED ANTENNAS Kevin Boyle
6871052	US	28 Jun 2001	MODIFIED ZERO-IF RECEIVER FOR ANTENNA DIVERSITY Adrian Spencer, Rob J Davies
7302244	US	04 Feb 2005	ANTENNA DIVERSITY RECEIVER Adrian Spencer, Rob J Davies
6819293	US	13 Feb 2002	TUNING METHOD FOR ANTENNAS IN MODULES Antonius Johannes Matheus de Graauw
6909911	US	13 Aug 2002	LOW SAR CAPACITIVELY BACK-COUPLED HANDSET Kevin Boyle, Peter Johan Massey
7848771	US	06 May 2004	WIRELESS TERMINALS Kevin Boyle
8063834	US	30 Nov 2005	PIFA ANTENNA. Kevin Boyle
6324083	US	24 Jul 2000	VOLTAGE-CURRENT CONVERTER Frank Thus, Henk Derks
6683886	US	19 Oct 1999	PRIORITY BASED PACKET MAPPING TO RF CHANNEL SLOTS Roel Vandertuijn, Michel Eftimakis

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
7262733	US	26 Jan 2001	MOBILE GPS RECEIVER WITH SHORT RANGE COMMUNICATION LINK TO D... Saul Dooley
7095749	US	12 Jun 2000	SINGLE VOICE BUFFER FOR SWITCHING BETWEEN VOICE Roel Vandertuijn
8018960	US	27 Jun 2006	SINGLE VOICE BUFFER FOR SWITCHING BETWEEN VOICE Roel Vandertuijn
8364832	US	26 Aug 2004	DATA SEGREGATION AND FRAGMENTATION IN A WIRELESS NETWORK FOR Pen Li
8045533	US	07 Jun 2005	CO-EXISTENCE OF 802.11 B/G AND BLUETOOTH Olaf Hirsch
7392028	US	26 Aug 2004	RADIO RECEIVER FOR USE IN WIRELESS ENVIRONMENT, HAS MIXER COUPLED WITH AMPLIFIER BY USING INTERFACE CIRCUIT THAT IS ARRANGED TO INFLUENCE MODE OF RECEIVER FOR OPERATING IN CURRENT MODE OR VOLTAGE MODE Simon Goddard
8060053	US	30 Aug 2005	WIRELESS LAN DEVICE SUPPORT FOR PEER TO PEER NETWORKS Olaf Hirsch
8457243	US	03 Dec 2008	SWITCHING PA ARCHITECTURES BASED ON RF PWM-PPM MODULATION WITH FEEDBACK Jan Vromans
8358370	US	03 Dec 2008	IMPROVEMENT FOR DIGITAL CAMERA FLASH IMAGES WITH DEPTH ESTIMATION Richard Kleihorst, Serafim Efstratiadis
6002940	US	30 Jul 1997	MOBILE WITH SYNCHRONIZATION DELAY Thomas G.J. Richter
6205167	US	23 Dec 1997	CODE TRACKING IN AN IS-95 SPECTRUM COMMUNICATIONS SYSTEM Farbod Kamgar, Mariam Motamed et al.
6687233	US	29 Jun 1999	RATE DETECT. IN DIRECT SEQ.CODE DIVISION MULT.ACCESS SYSTEMS Ingolf Held, Albert Chen
6519237	US	28 May 1999	APPARATUS AND METHOD FOR PARALLEL SEARCHING TO QUICKLY ACQUI.... Mehraban Iraninejad, John G. Mcdonough
6633601	US	28 May 1999	FRAME RATE DETERMINATION USING CORRELATION METRICS AND FRAME Gordon G. Yang

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
6567392	US	24 Sep 1999	METHOD AND SYSTEM FOR USING VOCODER RATE DETERMINATION FOR H... Doug Mcpherson, Dimitri Rubin
6567428	US	24 Sep 1999	METHOD AND SYSTEM FOR USING LOW DATA RATE VOCORDER PACKETS T... Doug Mcpherson, Dimitri Rubin
6574289	US	26 Oct 1999	METHOD FOR DETERMINING FRAME RATE OF DATA FRAME IN A COMMUNI.... Howard Tran, Jyoti Setlur
6747969	US	23 Nov 1999	TRANSMISSION GAP INTERFERENCE MEASUREMENT Olaf Hirsch
6959053	US	13 Jul 2001	METHOD AND APPARATUS FOR SEARCHING FOR A Ronald Gerhards, William Burchill et al.
6782497	US	20 Sep 2001	FRAME ERROR RATE ESTIMATION IN A RECEIVER Lin Yue
7089004	US	18 Jul 2002	EFFICIENT SEARCH ALGORITHM AND SCHEDULER FOR CDMA SYSTEM Jeong Gibong, Juncheng C. Liu
7558567	US	31 Jul 2004	BSS-SWITCH MODULE FOR WIRELESS LAN DEVICES Parag Garg
8369428	US	07 Feb 2008	NEW FRAME SYNCHRONIZATION FOR DVB- T/H SYSTEMS Alessio Filippi, Semih Serbetli et al.
6259353	US	26 Sep 2000	TRANSPONDER STATION COMPRISING SELF TEST MEANS Dominik Josef Berger, Max Staudinger
8160644	US	17 Dec 2001	PROCESSING DEVICE FOR THE CONTACTLESS COMMUNICATION WITH A DATA CARRIER WHICH IS DETACHABLY CONNECTED TO THE PROCESSING DEVICE Reinhard Meindl, Stefan Posch
8538481	US	16 Mar 2012	STICK A "SIM" SMART LABEL ON A MOBILE PHONE Reinhard Meindl, Stefan Posch
6571344	US	21 Dec 1999	METHOD AND APPARATUS FOR AUTHENTICATING TIME-SENSITIVE.. Eran Sitnik
7327311	US	21 Mar 2005	METHOD OF DESPREADING GPS SIGNALS Saul Dooley, Andrew Yule
6891499	US	04 Feb 2002	METHOD OF ACQUIRING GPS SIGNALS WITH A LOW SNR Saul Dooley, Andrew Yule

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
6778134	US	17 Jul 2002	PROVIDING AN ESTIMATE OF GPS TIME FROM NON-GPS TIMING INFORM Saul Dooley, Andrew Yule
6816113	US	06 Aug 2002	ENVIRONMENT PROFILE BASED GPS ACQUISITION TECHNIQUE Anne Caswell, Saul Dooley
7193560	US	14 Oct 2003	GPS RECEIVER WITH DUAL ANTENNAE Saul Dooley, Andrew Yule
7765064	US	19 Aug 2005	MULTI-THREAD BASED, SOFTWARE GPS Andrew Yule
5845322	US	17 Sep 1996	MODULAR SCALEABLE MULTI-PROCESSOR ARCHITECTURE Steve Leung
6085307	US	27 Nov 1996	MASTER/SLAVE MULTI-PROCESSOR ARRANGEMENT AND METHOD THEREOF David Evoy, Paul S. Levy
6330658	US	14 Oct 1999	MASTER/SLAVE MULTI-PROCESSOR ARRANGEMENT AND METHOD THEREOF David Evoy, Paul S. Levy
6349378	US	31 Mar 1999	RECONFIGURABLE MULTIPROCESSOR FOR MULTIMEDIA Marc Duranton, Bernard Bru et al.
7453866	US	26 Nov 2003	METHOD AND APPARATUS FOR A DUAL MODE TELEPHONE. Aravind Soundararajan
7881367	US	21 Jan 2004	POWER CONSUMPTION ADAPTIVE CODEC Joel Jung
7777649	US	17 Jan 2005	ADVANCED CONTROL DEVICE FOR HOME ENTERTAINMENT UTILIZING THREE DIMENSIONAL MOTION TECHNOLOGY Boris de Ruyter, Detlev Langmann et al.
8201251	US	10 Aug 2006	PREVENTING A MIDLET TO MISLEAD THE END USER WHEN DEALING WITH PROTECTED JAVA APIS Cyrille Ngalle
8176302	US	26 Sep 2006	ADVANCED RESET MECHANISM Laurent Pilot, Albert Hameury
7958644	US	15 Jun 2007	ECOMPASS WITH ADDITIONAL SENSOR AXIS FOR FOLDABLE MOBILE DEVICES Hans Boeve, TEUNIS Ikkink
8255724	US	28 Jan 2008	A MECHANISM TO IMPLEMENT AWAKE TIME IN MOBILES Dibakar Das
8237436	US	13 Feb 2008	MAGNETOMETER WITH A SINGLE, COMBINED FLIP AND COMPENSATION COIL Hans Boeve, TEUNIS Ikkink et al.

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
7937845	US	27 Mar 2008	ULTIMATE LOWEST-COST ORIENTATION SENSOR AND COMPASS USING 2D MAGNETOMETER TEUNIS Ikkink, Hans Boeve et al.
20120198504	US	03 Apr 2012	NETWORK DEVICE AND METHOD OF TRANSMITTING CONTENT FROM A FIRST NETWORK DEVICE TO A SECOND NETWORK DEVICE Zahra Tabaaloute
5715467	US	04 Apr 1996	EVENT DRIVEN POWER MANAGEMENT CONTROL CIRCUIT AND METHOD THE James J. Jirgal, Jeffrey M. Lavin
6397053	US	30 Dec 1999	METHOD TO REDUCE POWER CONSUMPTION OF WIRELESS PHONE DURING... Jean-Yves Ghiazza
6766460	US	23 Aug 2000	POWER MANAGEMENT IN A JAVA ACCELERATOR David Evoy, Lonnie C. Goff et al.
6590365	US	30 Nov 2001	METHOD OF POWERING UP BATTERY POWERED APPARATUS Chris Marshall, Paul Marshall
6400127	US	12 Feb 2001	PROGRAMMABLE PULSE-WIDTH MODULATION MODULE D Giannopoulos
6414858	US	20 Nov 2001	MULTI-MODE PULSE-WIDTH MODULATOR FOR POWER CONTROL APPLICATIONS D Giannopoulos
7523331	US	30 Aug 2004	POWER SAWING OPERATION OF AN APPARATUS WITH A CACHE MEMORY Geert vanderHeijden
6151488	US	14 Jan 1998	MULTI-TUNER IN ONE MODULE Hans Brekelmans
6728301	US	15 Sep 1999	SYSTEM AND METHOD FOR AUTOMATIC FREQUENCY CONTROL IN SPREAD SPECTRUM COMMUNICATIONS George Chrisikos
6373233	US	21 Dec 2000	LOW-DROPOUT VOLTAGE REGULATOR WITH IMPROVED STABILITY FOR ALL CAPACITIVE LOADS Anton Bakker, Klaas-Jan De Langen
6954628	US	05 Nov 2001	HIGHLY-INTEGRATED MULTI-MODE RECEIVER Brian Minnis, Paul Moore
7120415	US	02 Sep 2005	HIGHLY-INTEGRATED MULTI-MODE RECEIVER Brian Minnis, Paul Moore

Patent / Publn. No.	Country	Filing Date	Title and Inventor(s)
7278071	US	12 Nov 2002	ADAPTIVE DECODING OF DATA STREAMS Wolfgang Budde, Peter Fuhrmann
6957382	US	13 Nov 2002	ADAPTIVE DECODING OF DATA STREAMS Wolfgang Budde, Peter Fuhrmann
7091782	US	22 Apr 2003	LINEARIZATION AT LOW POWER CONSUMPTION (FOR MOBILES) Herve Jacob
7414676	US	31 Jul 2002	INTEGRATED PROGRAMMABLE TUNER Mats Lindstrom et al.
8063997	US	05 Aug 2008	INTEGRATED PROGRAMMABLE TUNER Mats Lindstrom et al.
7457595	US	01 Oct 2004	POWER SAVING IN A TRANSMITTER Franciscus Adrianus Cornelis Maria Schoofs, Pieter G Blanken, et al.
7881694	US	31 Aug 2005	CYCLED RECEIVER FOR MOBILE WIRELESS DEVICES Olaf Hirsch
7839213	US	10 Sep 2007	LARGE DYNAMIC RANGE POLAR MODULATED POWER AMPLIFIER Antonius Johannes Matheus de Graauw, LEON van den Oever
7469306	US	28 Jun 2002	REMOVABLE MEMORY INFORMATION MANAGEMENT. Sheau-Bao Ng
20090248747	US	19 Nov 2008	REMOVABLE MEMORY INFORMATION MANAGEMENT.
8050349	US	3 May, 2006	INDIVIDUAL INTERLEAVING OF DATA STREAMS FOR MIMO TRANSMISSION
7949067	US	23 June, 2006	INDIVIDUAL INTERLEAVING OF DATA STREAMS FOR MIMO TRANSMISSION
8379768	US	2 October, 2007	METHOD AND ARRANGEMENT FOR GENERATING SOFT BIT INFORMATION IN A RECIEVER OF A MULTIPLE ANTENNA SYSTEM
8472545	US	10 October, 2008	METHOD AND SYSTEM FOR MANAGING PRECODING IN A MULTI-USER WIRELESS COMMUNICATIONS SYSTEM

In addition, Assignor agrees to and hereby does sell, assign, transfer and convey unto Assignee all of Assignor's rights (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) the right to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, 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.

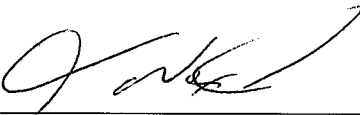
Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at New Rochelle, NY on _____

15 DECEMBER, 2013.

ASSIGNOR
NXP B.V.

By:  _____

Name: Arnon Waker

Title: UPIP LICENSING