PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3513355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
RENESAS MOBILE CORPORATION	09/26/2014

RECEIVING PARTY DATA

Name:	BROADCOM INTERNATIONAL LIMITED
Street Address:	122 MARY STREET
Internal Address:	4TH FLOOR, ZEPHYR HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	1107

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14039274

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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

Phone: (703) 413-3000
Email: hcho@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	446072US8
NAME OF SUBMITTER:	HYUN CHO
SIGNATURE:	/Hyun Cho/
DATE SIGNED:	09/04/2015

Total Attachments: 54
source=446072USRenesas#page1.tif
source=446072USRenesas#page2.tif
source=446072USRenesas#page3.tif
source=446072USRenesas#page4.tif

source=446072USRenesas#page5.tif
source=446072USRenesas#page6.tif
source=446072USRenesas#page7.tif
source=446072USRenesas#page8.tif
source=446072USRenesas#page9.tif
source=446072USRenesas#page10.tif
source=446072USRenesas#page11.tif
source=446072USRenesas#page12.tif
source=446072USRenesas#page13.tif
source=446072USRenesas#page14.tif
source=446072USRenesas#page15.tif
source=446072USRenesas#page16.tif
source=446072USRenesas#page17.tif
source=446072USRenesas#page18.tif
source=446072USRenesas#page19.tif
source=446072USRenesas#page20.tif
source=446072USRenesas#page21.tif
source=446072USRenesas#page22.tif
source=446072USRenesas#page23.tif
source=446072USRenesas#page24.tif
source=446072USRenesas#page25.tif
source=446072USRenesas#page26.tif
source=446072USRenesas#page27.tif
source=446072USRenesas#page28.tif
source=446072USRenesas#page29.tif
source=446072USRenesas#page30.tif
source=446072USRenesas#page31.tif
source=446072USRenesas#page32.tif
source=446072USRenesas#page33.tif
source=446072USRenesas#page34.tif
source=446072USRenesas#page35.tif
source=446072USRenesas#page36.tif
source=446072USRenesas#page37.tif
source=446072USRenesas#page38.tif
source=446072USRenesas#page39.tif
source=446072USRenesas#page40.tif
source=446072USRenesas#page41.tif
source=446072USRenesas#page42.tif
source=446072USRenesas#page43.tif
source=446072USRenesas#page44.tif
source=446072USRenesas#page45.tif
source=446072USRenesas#page46.tif
source=446072USRenesas#page47.tif
source=446072USRenesas#page48.tif
source=446072USRenesas#page49.tif
source=446072USRenesas#page50.tif
source=446072USRenesas#page51.tif
source=446072USRenesas#page52.tif

source=446072USRenesas#page53.tif
source=446072USRenesas#page54.tif

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Patent Assignment") is made and entered into as of September 26, 2014 (the "Effective Date"), by and between RENESAS MOBILE CORPORATION (ルネサス モバイル株式会社), a Japanese corporation having an address at 2-6-2, Ote-machi, Chiyoda-ku, Tokyo, Japan ("Assignor") and BROADCOM INTERNATIONAL LIMITED, a limited company incorporated in the Cayman Islands and having an address at P.O. Box 709 GT 4th Floor, Zephyr House, 122 Mary Street, Cayman Islands ("Assignee").

WHEREAS, Assignor has previously assigned to Assignee the Prior Patents, including, without limitation, the patents and patent applications listed in Attachment A-1 in assignment agreements entered into between Assignor and Assignee dated October 25, 2013 (entitled the "Amended and Restated Intellectual Property Assignment" and "Amended and Restated Patent Assignment") (collectively referred to as the "Prior Assignment Agreements"); and

WHEREAS, Assignor and Assignee have entered into a Supplemental Intellectual Property Assignment, dated as of the date hereof, pursuant to which Assignor and Assignee have agreed to supplement the Prior Patents to further include the Additional Patents, including, without limitation, those patents and patent applications listed in Attachment A-2.

NOW, THEREFORE, in consideration of the sum of One U.S. Dollar (US$1.00) or equivalent and other good and valuable consideration as set forth in that certain Purchase Agreement entered into between the Assignor and Assignee, dated September 30, 2013, the receipt for and sufficiency of which is hereby acknowledged, and in consideration of the premises and the mutual representations, warranties, covenants and agreements set forth in this Patent Assignment, in the Prior Patent Assignment Agreements and in the Supplemental Intellectual Property Assignment, the parties agree as follows:

1. Definitions.

"Additional Patents" means the patents and patent applications listed in Attachment A-2 hereto, and any continuations, divisionals, continuations-in-part, provisionals and other applications that claim priority from any of such patents and patent applications and any patents issuing on any of the foregoing, and any reissues, reexaminations, substitutions, renewals and extensions of any of the foregoing.

"Prior Patents" means the patents and patent applications listed in Attachment A-1 hereto, and any continuations, divisionals, continuations-in-part, provisionals and other applications that claim priority from any of such patents and patent applications and any patents issuing on any of the foregoing, and any reissues, reexaminations, substitutions, renewals and extensions of any of the foregoing.

2. Assignment.

Assignor (i) confirms its assignment, transfer and conveyance to Assignee all of its rights, title and interest in and to the Prior Patents, and all rights, claims and privileges pertaining to the Prior Patents, including, without limitation, rights to the underlying inventions, the right to prosecute and maintain the Prior Patents, and the right to sue and recover damages for past, present and future infringement of any of the Prior Patents and (ii) hereby assigns, transfers and conveys to Assignee all of its rights, title and interest in and to the Additional Patents, and all rights, claims and privileges pertaining to the Additional Patents, including, without limitation, rights to the underlying inventions, the right to prosecute and maintain the Additional Patents, and the right to sue and recover damages for past, present and future infringement of any of the Additional Patents.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be signed and executed by the undersigned officers thereunto duly authorized as of the Effective Date.

RENESAS MOBILE CORPORATION

By: _____

Name: HIDEAKI OHKI

Title: President & CEO

BROADCOM INTERNATIONAL LIMITED

By: _____

Name: DeAnn Ann

Title: Secretary

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM105001	Family	Filed	21 Feb 2011	21 Feb 2011						Transfer of several calls in SRVCC (PS to CS)
RM105001	US01	Closed	21 Feb 2011	21 Feb 2011	US13/031440	US20120213197	23 Aug 2012			Transfer of several calls in SRVCC (PS to CS)
RM105002	Family	Filed	10 Jan 2011	10 Jan 2011						Test method for type 3i receiver in multicarrier configuration
RM105002	CN01	Filed	6 Jan 2012	10 Jan 2011	CN201280004971.2					Test method for type 3i receiver in multicarrier configuration
RM105002	DE01	ToFiling	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	EP01	POA	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	FR01	ToFiling	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	GB01	Granted	4 Oct 2011	10 Jan 2011	GB1117048.7	GB2486929	4 Jul 2012	GB2486928	12 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	IN01	Filed	6 Jan 2012	10 Jan 2011	IN1163/MUMNP/2013					Test method for type 3i receiver in multicarrier configuration
RM105002	IT01	ToFiling	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	JP01	Filed	6 Jan 2012	10 Jan 2011	JP51301402252					Test method for type 3i receiver in multicarrier configuration
RM105002	KR01	Filed	6 Jan 2012	10 Jan 2011	KR10-2013-7017960					Test method for type 3i receiver in multicarrier configuration
RM105002	NL01	ToFiling	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	US01	Granted	10 Jan 2011	10 Jan 2011	US12/987277	US20120176919	12 Jul 2012	US8331261	11 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	WO01	POA	6 Jan 2012	10 Jan 2011	PCT/EP2012/050199	WO2012095373	19 Jul 2012			Test method for type 3i receiver in multicarrier configuration
RM105003	Family	Filed	3 Feb 2011	3 Feb 2011						Registration area updating reject in shared RAN
RM105003	US01	Filed	3 Feb 2011	3 Feb 2011	US13/020560	US20120202492	9 Aug 2012			Registration area updating reject in shared RAN
RM105004	Family	Filed	7 Jan 2011	7 Jan 2011						Limiting system information decoding for ANR
RM105004	CN01	Filed	6 Jan 2012	7 Jan 2011	CN201280004816.X					Limiting system information decoding for ANR
RM105004	DE01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			DE602012000001.5	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7	EP2491748	29 Aug 2012	EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP02	Filed	6 Jan 2012	7 Jan 2011	EP12190061.7	EP2560441	20 Feb 2013			Limiting system information decoding for ANR
RM105004	FR01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	GB01	Granted	4 Oct 2011	7 Jan 2011	GB1117036.2	GB2484787	25 Apr 2012	GB2484787	31 Oct 2012	Limiting system information decoding for ANR
RM105004	GB02	Granted	4 Oct 2011	7 Jan 2011	GB1211752.8	GB2490058	17 Oct 2012	GB2490058	6 Mar 2013	Limiting system information decoding for ANR
RM105004	IN01	Filed	6 Jan 2012	7 Jan 2011	IN1170/MUMNP/2013					Limiting system information decoding for ANR
RM105004	IT01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	JP01	Filed	29 Aug 2013	7 Jan 2011	JP51301402244					Limiting system information decoding for ANR
RM105004	KR01	Filed	6 Jan 2012	7 Jan 2011	KR10-2013-7017666					Limiting system information decoding for ANR
RM105004	NL01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	US01	Granted	7 Jan 2011	7 Jan 2011	US12/986430	US20120176915	12 Jul 2012	US8400949	19 Mar 2013	Limiting system information decoding for ANR
RM105004	US02	Closed	16 May 2012	7 Jan 2011	US13/472613					Limiting system information decoding for ANR
RM105004	WO01	Filed	6 Jan 2012	7 Jan 2011	PCT/EP2012/050197	WO2012093175	12 Jul 2012			Limiting system information decoding for ANR
RM105005	Family	Filed	11 Feb 2011	11 Feb 2011						Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105005	US01	Filed	11 Feb 2011	11 Feb 2011	US13/963399					Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105005	WO01	Filed	11 Feb 2011	11 Feb 2011	PCT/CN2011/070929	WO2012106843	16 Aug 2012			Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105006	Family	Filed	7 Jan 2011	7 Jan 2011						Non-liner Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network
RM105006	US01	Filed	7 Jan 2011	7 Jan 2011	US12/986405	US20120178436	12 Jul 2012			Non-liner Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network
RM105007	Family	Filed	7 Jan 2011	7 Jan 2011						Methods of ANR logging and reporting
RM105007	US01	Granted	7 Jan 2011	7 Jan 2011	US12/986393	US20120178451	12 Jul 2012	US8548474	1 Oct 2013	Methods of ANR logging and reporting
RM105007	WO01	POA	6 Jan 2012	7 Jan 2011	PCT/IB2012/050053	WO2012093366	12 Jul 2012			Methods of ANR logging and reporting
RM105008	Family	Filed	8 Feb 2011	8 Feb 2011						Method of Layer 2 Ack Nack status reporting
RM105008	US01	Filed	8 Feb 2011	8 Feb 2011	US13/022939	US20120201151	9 Aug 2012			Method of Layer 2 Ack Nack status reporting
RM105009	Family	Filed	1 Feb 2011	1 Feb 2011						New way to acquire TA on Scell without RACH
RM105009	US01	Filed	1 Feb 2011	1 Feb 2011	US13/981615					New way to acquire TA on Scell without RACH
RM105009	WO01	Filed	1 Feb 2011	1 Feb 2011	PCT/CN2011/070874	WO2012103683	9 Aug 2012			New way to acquire TA on Scell without RACH
RM105010	Family	Filed	21 Mar 2011	21 Mar 2011						Methods to configure future LTE/LTE-A system onto TV WS
RM105010	US01	Filed	21 Mar 2011	21 Mar 2011	US13/052416	US20120243453	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TV WS
RM105010	WO01	POA	21 Mar 2012	21 Mar 2011	PCT/IB2012/051347	WO2012127427	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TV WS
RM105011	Family	Filed	11 Feb 2011	11 Feb 2011						Shared Band Deployment Support Function to enable Fast and Flexible Connection Establishment
RM105011	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025506	US20120207033	16 Aug 2012			Shared Band Deployment Support Function to enable Fast and Flexible Connection Establishment
RM105012	Family	Filed	24 Feb 2011	24 Feb 2011						Traffic characteristics aware physical layer link adaptation
RM105012	US01	Filed	24 Feb 2011	24 Feb 2011	US12/932459	US20120218906	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105012	WO01	Filed	22 Feb 2012	24 Feb 2011	PCT/IB2012/50808	WO2012114287	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105013	Family	Filed	22 Feb 2011	22 Feb 2011						Method for filtering PDCCH false accepts based on DCI filler bits
RM105013	US01	Filed	22 Feb 2011	22 Feb 2011	US13/031732	US20120213090	23 Aug 2012			Method for filtering PDCCH false accepts based on DCI filler bits
RM105014	Family	Filed	25 Feb 2011	25 Feb 2011						Blind statistical S-CPICH detection

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM105014	US01	Filed	25 Feb 2011	25 Feb 2011	US13/035186	US20120219095	30 Aug 2012			Blind statistical S-CPICH detection
RM105015	Family	Filed	7 Mar 2011	7 Mar 2011						Traffic shaping for power consumption reduction
RM105015	US01	Filed	7 Mar 2011	7 Mar 2011	US13/041949	US20120233481	13 Sep 2012			Traffic shaping for power consumption reduction
RM105017	Family	Filed	28 Feb 2011	28 Feb 2011						Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	CN01	Filed	28 Feb 2011	28 Feb 2011	PCT/CN2011/071386					Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	US01	Filed	28 Feb 2011	28 Feb 2011	US13/975559					Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	WO01	Filed	28 Feb 2011	28 Feb 2011	PCT/CN2011/071386	WO2012116483	7 Sep 2012			Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105021	Family	Filed	9 Mar 2011	9 Mar 2011						Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105021	US01	Filed	9 Mar 2011	9 Mar 2011	US14/003625					Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105021	WO01	POA	9 Mar 2011	9 Mar 2011	PCT/CN2011/071632	WO2012119309	13 Sep 2012			Implicit solution to dynamically change the Special Subframe Pattern configuration
RM115001	Family	Filed	21 Feb 2011	21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	CN01	ToFiling	21 Feb 2011	21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	EP01	ToFiling	21 Feb 2011	21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	US01	Filed	21 Feb 2011	21 Feb 2011	US13/972302					Switch point indication signaling for flexible TDD configuration
RM115001	WO01	Filed	21 Feb 2011	21 Feb 2011	PCT/CN2011/071120	WO2012113131	30 Aug 2012			Switch point indication signaling for flexible TDD configuration
RM115003	Family	Filed	17 Feb 2011	17 Feb 2011						New carrier type with configurable downlink control region in carrier aggregation
RM115003	US01	Filed	17 Feb 2011	17 Feb 2011	US13/985866					New carrier type with configurable downlink control region in carrier aggregation
RM115003	WO01	POA	17 Feb 2011	17 Feb 2011	PCT/CN2011/071045	WO2012109790	23 Aug 2012			New carrier type with configurable downlink control region in carrier aggregation
RM115004	Family	Filed	10 Feb 2011	10 Feb 2011						PUCCH resource allocation for flexible TDD configuration
RM115004	US01	Filed	12 Aug 2013	10 Feb 2011	US13/964172					PUCCH resource allocation for flexible TDD configuration
RM115004	WO01	POA	10 Feb 2011	10 Feb 2011	PCT/CN2011/070915	WO2012106840	16 Aug 2012			PUCCH resource allocation for flexible TDD configuration
RM115005	Family	Filed	11 Mar 2011	11 Mar 2011						Signaling method for validating TV Band Device in LTE system operating on TVWS
RM115005	US01	Filed	11 Mar 2011	11 Mar 2011	US13/045741	US20120233635	13 Sep 2012			Signaling method for validating TV Band Device in LTE system operating on TVWS
RM115006	Family	Filed	1 Mar 2011	1 Mar 2011						Sensing and measurement procedure for operating LTE system in unlicensed band
RM115006	US01	Filed	30 Aug 2013	1 Mar 2011	US14/092407					Sensing and measurement procedure for operating LTE system in unlicensed band
RM115006	WO01	Filed	1 Mar 2011	1 Mar 2011	PCT/CN2011/071429	WO2012116489	7 Sep 2012			Sensing and measurement procedure for operating LTE system in unlicensed band
RM115007	Family	Filed	22 Mar 2011	22 Mar 2011						Solving the Hidden Node Problem Due to the Transmission Power Imbalance
RM115007	US01	Filed	22 Mar 2011	22 Mar 2011	US13/053871	US20120243519	27 Sep 2012			Solving the Hidden Node Problem Due to the Transmission Power Imbalance
RM115009	Family	Filed	2 Jun 2011	2 Jun 2011						D2D local network pre-deployment and fast route discovery using idle resource of non-full-loaded cellular system
RM115009	WO01	POA	2 Jun 2011	2 Jun 2011	PCT/CN2011/075176	WO2012162890	6 Dec 2012			D2D local network pre-deployment and fast route discovery using idle resource of non-full-loaded cellular system
RM115010	Family	Filed	30 May 2011	30 May 2011						A new way for LTE-Advanced networks to utilize ISM bands
RM115010	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074873	WO2012162874	6 Dec 2012			A new way for LTE-Advanced networks to utilize ISM bands
RM115011	Family	Filed	12 Apr 2011	12 Apr 2011						On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	GB01	Granted	12 Apr 2011	12 Apr 2011	GB1106193.4	GB2489956	17 Oct 2012	GB2489956	20 Mar 2013	On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	US01	Filed	12 Apr 2011	12 Apr 2011	US13/084941	US20120264468	18 Oct 2012			On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	US02	Granted	6 Oct 2011	12 Apr 2011	US13/267571	US20120263123	18 Oct 2012	US8260389	2 Oct 2012	On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	WO01	Filed	12 Apr 2012	12 Apr 2011	PCT/IB2012/051802	WO2012140599	18 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	Family	Filed	25 Mar 2011	25 Mar 2011						Improved LTE DRX with UE based mobility
RM115012	GB01	Filed	25 Mar 2011	25 Mar 2011	GB1105011.9	GB2489413	3 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	US01	POA	25 Mar 2011	25 Mar 2011	US13/071742	US20120243417	27 Sep 2012			

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115012	US02	Filed	23 Mar 2012	25 Mar 2011	US13/428193	US20120250599	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	WO01	Filed	26 Mar 2012	25 Mar 2011	PCT/IB2012/051433	WO2012131568	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115013	Family	Filed	23 Mar 2011	23 Mar 2011						Offline Mode Procedure for Machine Type Communications
RM115013	CN01	ToFiling	23 Mar 2011	23 Mar 2011						Offline Mode Procedure for Machine Type Communications
RM115013	EP01	ToFiling		23 Mar 2011						Offline Mode Procedure for Machine Type Communications
RM115013	GB01	Granted	23 Mar 2011	23 Mar 2011	GB1104871.7	GB2478415	22 Jun 2011	GB2478415	16 Nov 2011	Offline Mode Procedure for Machine Type Communications
RM115013	US01	POA	23 Mar 2011	23 Mar 2011	US13/069765	US20120243422	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115013	US02	Granted	12 Jul 2011	23 Mar 2011	US13/180737			US8125892	28 Feb 2012	Offline Mode Procedure for Machine Type Communications
RM115013	WO01	Filed	22 Mar 2012	23 Mar 2011	PCT/IB2012/051372	WO2012127440	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115016	Family	Filed	8 Apr 2011	8 Apr 2011						Equalizer with limited subcarrier distortion and soft constraint for stopband
RM115016	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106036.5	GB2485427	16 May 2012	GB2485427	7 Nov 2012	Equalizer with limited subcarrier distortion and soft constraint for stopband
RM115016	US01	Filed	8 Apr 2011	8 Apr 2011	US13/082489	US20120257667	11 Oct 2012			Equalizer with limited subcarrier distortion and soft constraint for stopband
RM115018	Family	Filed	10 May 2011	10 May 2011						Methods and apparatus for interference mitigation in ST pico-nets
RM115018	WO01	POA	10 May 2011	10 May 2011	PCT/CN2011/073868	WO2012151741	15 Nov 2012			Methods and apparatus for interference mitigation in ST pico-nets
RM115019	Family	Filed	31 Mar 2011	31 Mar 2011						On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115019	GB01	Granted	31 Mar 2011	31 Mar 2011	GB1105492.1	GB2477649	10 Aug 2011	GB2477649	11 Jan 2012	On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115019	US01	Filed	31 Mar 2011	31 Mar 2011	US13/076602	US20120250631	4 Oct 2012			On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115020	Family	Filed	11 Feb 2011	11 Feb 2011						Precoder selection for 8 Tx precoder cycling
RM115020	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025509	US20120207243	16 Aug 2012			Precoder selection for 8 Tx precoder cycling
RM115020	WO01	Filed	10 Feb 2012	11 Feb 2011	PCT/IB2012/050614	WO2012107904	16 Aug 2012			Precoder selection for 8 Tx precoder cycling
RM115021	Family	Filed	22 Feb 2011	22 Feb 2011						LTE System Setup for Device-to-Device Connection on ISM band
RM115021	US01	Filed	22 Feb 2011	22 Feb 2011	US13/956713					LTE System Setup for Device-to-Device Connection on ISM band
RM115021	WO01	POA	22 Feb 2011	22 Feb 2011	PCT/CN2011/071152	WO2012113136	30 Aug 2012			LTE System Setup for Device-to-Device Connection on ISM band
RM115022	Family	Filed	9 Feb 2011	9 Feb 2011						Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	EP01	Filed	8 Feb 2012	9 Feb 2011	EP12711000.5					Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	GB01	Granted	30 Sep 2011	9 Feb 2011	GB1116816.6	GB2484011	28 Mar 2012	GB2484011	10 Oct 2012	Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	JP01	Filed	8 Feb 2012	9 Feb 2011	PCT/IB2012/050564					Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	US01	Filed	9 Feb 2011	9 Feb 2011	US13/023675	US20120202480	9 Aug 2012			Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	WO01	POA	8 Feb 2012	9 Feb 2011	PCT/IB2012/050564	WO2012107885	16 Aug 2012			Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115023	Family	Filed	31 Mar 2011	31 Mar 2011						Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115023	CN01	ToFiling	31 Mar 2011	31 Mar 2011						Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115023	US01	ToFiling	31 Mar 2011	31 Mar 2011						Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115023	WO01	POA	31 Mar 2011	31 Mar 2011	PCT/CN2011/072339	WO2012129806	24 Oct 2012			Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115024	Family	Filed	11 Feb 2011	11 Feb 2011						Methods of RLC unrecoverable error indication and recovery
RM115024	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025298	US20120207011	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
RM115024	WO01	Filed	13 Feb 2012	11 Feb 2011	PCT/IB2012/050640	WO2012107911	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
RM115025	Family	Filed	9 Feb 2011	9 Feb 2011						Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	CN01	Filed	9 Feb 2012	9 Feb 2011						Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	DE01	ToFiling	1 Jun 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	EP01	POA	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229	11 Sep 2013	Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	EP02	Filed	1 Jul 2011	9 Feb 2011	EP13168124.9	EP2635070	9 Sep 2013			Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	FR01	ToFiling	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	GB01	Granted	1 Jul 2011	9 Feb 2011	GB1111266.1	GB2480163	9 Nov 2011	GB2480163	5 Sep 2012	Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	GB02	Granted	1 Jul 2011	9 Feb 2011	GB1205218.6	GB2488686	5 Sep 2012	GB2488686	3 Apr 2013	Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	GB03	ToFiling	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	IN01	ToFiling	9 Feb 2012	9 Feb 2011						Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	IT01	ToFiling	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	JP01	Filed	9 Feb 2012	9 Feb 2011						Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	KR01	Filed	9 Feb 2012	9 Feb 2011	KR10-2013-7020760					Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	NL01	ToFiling	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	US01	Granted	9 Feb 2011	9 Feb 2011	US13/023828	US20120202481	9 Aug 2012	US8433321	30 Apr 2013	Limiting the reporting of Inter-RAT Cells for UMTS ANR

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115025	US02	Granted	11 Jan 2012	9 Feb 2011	US13/348338	US20120208535	16 Aug 2012	US8478273	2 Jul 2013	Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115025	WO01	POA	9 Feb 2012	9 Feb 2011	PCT/IB2012/050595	WO2012107898	16 Aug 2012			Limiting the reporting of Inter-RAT Cells for UMTS ANR
RM115026	Family	Filed	9 Jun 2011	9 Jun 2011						Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115026	WO01	POA	9 Jun 2011	9 Jun 2011	PCT/CN2011/075503	WO2012167432	13 Dec 2012			Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115027	Family	Filed	13 Apr 2011	13 Apr 2011						Beacon cluster based sensor network information collection via UE gateway
RM115027	CN01	ToFiling	13 Apr 2011	13 Apr 2011						Beacon cluster based sensor network information collection via UE gateway
RM115027	US01	Granted	17 Nov 2011	13 Apr 2011	US13/298954	US20120263053	18 Oct 2012	US8279810	2 Oct 2012	Beacon cluster based sensor network information collection via UE gateway
RM115027	US02	Filed	26 Jul 2012	13 Apr 2011	US13/559208	US20120300632	29 Nov 2012			Beacon cluster based sensor network information collection via UE gateway
RM115027	WO01	POA	13 Apr 2011	13 Apr 2011	PCT/CN2011/072743	WO2012139288	18 Oct 2012			Beacon cluster based sensor network information collection via UE gateway
RM115028	Family	Filed	21 Feb 2011	21 Feb 2011						Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	CN01	ToFiling		21 Feb 2011						Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	EP01	Filed	21 Feb 2012	21 Feb 2011	EP12706937.5					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	GB01	Granted	21 Oct 2011	21 Feb 2011	GB1118184.9	GB2484827	25 Apr 2012	GB2484827	28 Nov 2012	Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	IN01	Filed	21 Feb 2012	21 Feb 2011	IN1585/MUNMP/2013					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	JP01	Filed	21 Feb 2012	21 Feb 2011	JP51301724190					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	KR01	Filed	21 Feb 2012	21 Feb 2011	KR10-2013-7024406					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	US01	Granted	21 Feb 2011	21 Feb 2011	US13/031355	US20120213071	23 Aug 2012	US8396072	13 Mar 2013	Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	US02	Closed	13 Mar 2012	21 Feb 2011	US13/418967	US20130100802	25 Apr 2013			Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	US03	Filed	1 Mar 2013	21 Feb 2011	US13/781869					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	WO01	Filed	21 Feb 2012	21 Feb 2011	PCT/IB2012/050777	WO2012114255	30 Aug 2012			Congestion Avoidance for Control Channels Prior Connection Establishment
RM115029	Family	Filed	7 Apr 2011	7 Apr 2011						On Session Setup for Cellular Controlled Device-to-Device Communication
RM115029	US01	Filed	7 Apr 2011	7 Apr 2011	US13/081888	US20120258703	11 Oct 2012			On Session Setup for Cellular Controlled Device-to-Device Communication
RM115030	Family	Filed	1 Apr 2011	1 Apr 2011						Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	CN01	ToFiling	30 Mar 2012	1 Apr 2011	PCT/IB2012/051559					Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	EP01	ToFiling	30 Mar 2012	1 Apr 2011	PCT/IB2012/051559					Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	GB01	Filed	21 Mar 2013	1 Apr 2011	GB1305203.0	GB2496828	22 May 2013			Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	US01	Closed	1 Apr 2011	1 Apr 2011	US61/470689					Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	US02	ToFiling	30 Mar 2012	1 Apr 2011	PCT/IB2012/051559					Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	WO01	Filed	30 Mar 2012	1 Apr 2011	PCT/IB2012/051559	WO2012131637	4 Oct 2012			Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115031	Family	Filed	14 Apr 2011	14 Apr 2011						Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB01	Filed	14 Apr 2011	14 Apr 2011	GB1106358.3	GB2490110	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB02	Filed	14 Apr 2011	14 Apr 2011	GB1120064.9	GB2490185	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB03	Filed	14 Apr 2011	14 Apr 2011	GB1312715.4					Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	US01	Filed	14 Apr 2011	14 Apr 2011	US13/086681	US20120264440	18 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115032	Family	Filed	14 Feb 2011	14 Feb 2011						Method of prioritising RACH message content
RM115032	CN01	Filed	14 Feb 2012	14 Feb 2011	CN201280008740.9					Method of prioritising RACH message content
RM115032	EP01	Filed	14 Feb 2012	14 Feb 2011	EP12714367.5					Method of prioritising RACH message content
RM115032	IN01	Filed	2 Aug 2013	14 Feb 2011	IN1492/MUMNP/2013					Method of prioritising RACH message content
RM115032	JP01	Filed	14 Feb 2012	14 Feb 2011	JP51301781188					Method of prioritising RACH message content

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115032	KR01	Filed	14 Feb 2012	14 Feb 2011	KR10-2013-7024102					Method of prioritising RACH message content
RM115032	US01	Filed	14 Feb 2011	14 Feb 2011	US13/026512	US20120207102	16 Aug 2012			Method of prioritising RACH message content
RM115032	WO01	Filed	14 Feb 2012	14 Feb 2011	PCT/IB2012/050666	WO2012110950	23 Aug 2012			Method of prioritising RACH message content
RM115033	Family	Filed	13 Feb 2011	13 Feb 2011						Power Headroom triggering in Secondary Cell activation
RM115033	EP01	Filed	13 Feb 2012	13 Feb 2011	EP12708393.9					Power Headroom triggering in Secondary Cell activation
RM115033	US01	Closed	13 Feb 2011	13 Feb 2011	US61/442262					Power Headroom triggering in Secondary Cell activation
RM115033	US02	Filed	12 Aug 2013	13 Feb 2011	US13/984895					Power Headroom triggering in Secondary Cell activation
RM115033	WO01	Filed	13 Feb 2012	13 Feb 2011	PCT/IB2012/050642	WO2012107912	16 Aug 2012			Power Headroom triggering in Secondary Cell activation
RM115034	Family	Filed	8 Apr 2011	8 Apr 2011						Enhancements for Connectivity
RM115034	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106035.7	GB2489751	10 Oct 2012	GB2489751	13 Mar 2013	Enhancements for Connectivity
RM115034	GB02	POA	8 Apr 2011	8 Apr 2011	GB1214182.6	GB2490623	7 Nov 2012			Enhancements for Connectivity
RM115034	US01	Filed	8 Apr 2011	8 Apr 2011	US13/083109	US20120259985	11 Oct 2012			Enhancements for Connectivity
RM115034	WO01	Filed	5 Apr 2012	8 Apr 2011	PCT/IB2012/051705	WO2012137173	11 Oct 2012			Enhancements for Connectivity
RM115035	Family	Filed	26 Apr 2011	26 Apr 2011						Method for avoiding in-device interference from Cellular to IMS
RM115035	GB01	Granted	27 Apr 2011	26 Apr 2011	GB1107066.1	GB2490347	31 Oct 2012	GB2490347	1 May 2013	Method for avoiding in-device interference from Cellular to IMS
RM115035	US01	Filed	26 Apr 2011	26 Apr 2011	US13/094223	US20120276859	1 Nov 2012			Method for avoiding in-device interference from Cellular to IMS
RM115036	Family	Filed	19 May 2011	19 May 2011						Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115036	GB01	Filed	19 May 2011	19 May 2011	GB1108443.1	GB2491114	28 Nov 2012			Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115036	US01	Filed	19 May 2011	19 May 2011	US13/111032	US20120294163	22 Nov 2012			Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115037	Family	Filed	11 Apr 2011	11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	CN01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	EP01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	US01	Granted	11 Apr 2011	11 Apr 2011	US13/083905	US20120258755	11 Oct 2012	US8543111	24 Sep 2013	Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	WO01	Filed	10 Apr 2012	11 Apr 2011	PCT/IB2012/051733	WO2012140560	18 Oct 2012			Adaptive Control of Cell Search Procedure for Idle Mode
RM115039	Family	Filed	2 May 2011	2 May 2011						UE specific cyclic prefix length
RM115039	US01	Filed	2 May 2011	2 May 2011	US13/098810	US20120281551	8 Nov 2012			UE specific cyclic prefix length
RM115040	Family	Filed	12 Apr 2011	12 Apr 2011						Spectrum Sensing for LTE Unlicensed Offloading
RM115040	US01	ToFiling		12 Apr 2011						Spectrum Sensing for LTE Unlicensed Offloading
RM115040	WO01	POA	12 Apr 2011	12 Apr 2011	PCT/CN2011/072652	WO2012139278	18 Oct 2012			Spectrum Sensing for LTE Unlicensed Offloading
RM115043	Family	Filed	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
RM115043	CN01	ToFiling	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
RM115043	US01	ToFiling	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
RM115043	WO01	Filed	15 Apr 2011	15 Apr 2011	PCT/CN2011/072853	WO2012139301	18 Oct 2012			LTE carrier aggregation configuration on TV White Space bands
RM115045	Family	Filed	19 May 2011	19 May 2011						CS services while MM congestion control is activated
RM115045	EP01	ToFiling	17 May 2012	19 May 2011						CS services while MM congestion control is activated
RM115045	GB01	Granted	19 May 2011	19 May 2011	GB1108424.1	GB2490948	21 Nov 2012	GB2490948	28 Aug 2013	CS services while MM congestion control is activated
RM115045	US01	Filed	19 May 2011	19 May 2011	US13/111166	US20120294143	22 Nov 2012			CS services while MM congestion control is activated
RM115045	US02	Filed	10 Jan 2012	19 May 2011	US13/347375	US20120294144	22 Nov 2012			CS services while MM congestion control is activated
RM115045	WO01	Filed	17 May 2012	19 May 2011	PCT/IB2012/052493	WO2012156943	22 Nov 2012			CS services while MM congestion control is activated
RM115047	Family	Filed	24 May 2011	24 May 2011						QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	GB01	Granted	24 May 2011	24 May 2011	GB1108706.1	GB2491138	28 Nov 2012	GB2491138	22 May 2013	QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	US01	Filed	24 May 2011	24 May 2011	US13/114524	US20120302272	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	WO01	Filed	24 May 2012	24 May 2011	PCT/IB2012/052616	WO2012160539	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115049	Family	Filed	3 May 2011	3 May 2011						Optimized uplink power control adjustment state in varying environments
RM115049	CN01	ToFiling		3 May 2011						Optimized uplink power control adjustment state in varying environments
RM115049	EP01	ToFiling		3 May 2011						Optimized uplink power control adjustment state in varying environments
RM115049	GB01	Granted	3 May 2011	3 May 2011	GB1107320.2	GB2479076	28 Sep 2011	GB2479076	27 Jun 2012	Optimized uplink power control adjustment state in varying environments
RM115049	US01	Filed	3 May 2011	3 May 2011	US13/099786	US20120282970	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
RM115049	US02	Granted	2 Nov 2011	3 May 2011	US13/287549			US8229494	24 Jul 2012	Optimized uplink power control adjustment state in varying environments
RM115049	WO01	Filed	3 May 2012	3 May 2011	PCT/IB2012/052230	WO2012150572	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
RM115050	Family	Filed	5 Jul 2011	5 Jul 2011						Apparatus for RF power emulation
RM115050	US01	POA	5 Jul 2011	5 Jul 2011	US13/176288	US20130013270	10 Jan 2013			Apparatus for RF power emulation
RM115051	Family	Filed	4 Apr 2011	4 Apr 2011						RACH solution on Scell in cross carrier scheduling case
RM115051	WO01	Closed	4 Apr 2011	4 Apr 2011	PCT/CN2011/072453	WO2012135998	11 Oct 2012			RACH solution on Scell in cross carrier scheduling case
RM115052	Family	Filed	2 Jun 2011	2 Jun 2011						Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	GB01	POA	2 Jun 2011	2 Jun 2011	GB1109289.7	GB2486926	4 Jul 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	US01	Filed	2 Jun 2011	2 Jun 2011	US13/151557	US20120307744	6 Dec 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	US02	Granted	17 Oct 2011	2 Jun 2011	US13/274800	US20120307869	6 Dec 2012	US8374212	12 Feb 2013	Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	WO01	Filed	1 Jun 2012	2 Jun 2011	PCT/IB2012/052764	WO2012164531	6 Dec 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115054	Family	Filed	15 Jun 2011	15 Jun 2011						Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115054	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1110114.4	GB2491870	19 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	US01	Filed	15 Jun 2011	15 Jun 2011	US13/160912	US20120322479	20 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	WO01	Filed	15 Jun 2011	15 Jun 2011	PCT/IB2012/053025	WO2012172513	20 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115057	Family	Filed	13 May 2011	13 May 2011						Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115057	WO01	POA	13 May 2011	13 May 2011	PCT/CN2011/074058	WO2012155323	22 Nov 2012			Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115058	Family	Filed	1 Apr 2011	1 Apr 2011						Flexible measurement cycle for deactivated Scells
RM115058	GB01	Closed	1 Apr 2011	1 Apr 2011	GB1105591.0					Flexible measurement cycle for deactivated Scells
RM115058	GB02	Filed	20 Jan 2012	1 Apr 2011	GB1200976.7	GB2489770	10 Oct 2012			Flexible measurement cycle for deactivated Scells
RM115058	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078054	US20120252432	4 Oct 2012			Flexible measurement cycle for deactivated Scells
RM115059	Family	Filed	9 Sep 2011	9 Sep 2011						Autonomous gaps for paging reception in dual SIM modem
RM115059	GB01	Granted	9 Sep 2011	9 Sep 2011	GB1115614.8	GB2485433	16 May 2012	GB2485433	10 Oct 2012	Autonomous gaps for paging reception in dual SIM modem
RM115059	US01	Filed	9 Sep 2011	9 Sep 2011	US13/229015	US20130065644	14 Mar 2013			Autonomous gaps for paging reception in dual SIM modem
RM115059	WO01	Filed	6 Sep 2012	9 Sep 2011	PCT/IB2012/054615	WO2013035065	14 Mar 2013			Autonomous gaps for paging reception in dual SIM modem
RM115060	Family	Filed	15 Jul 2011	15 Jul 2011						Variable sampling-rate transmitter
RM115060	GB01	Granted	15 Jul 2011	15 Jul 2011	GB1112169.6	GB2485430	16 May 2012	GB2485430	21 Aug 2013	Variable sampling-rate transmitter
RM115060	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183528	US20130016761	17 Jan 2013			Variable sampling-rate transmitter
RM115061	Family	Filed	14 Apr 2011	14 Apr 2011						Efficient HARQ Scheme for CC specific TDD Configuration
RM115061	US01	ToFiling		14 Apr 2011						Efficient HARQ Scheme for CC specific TDD Configuration
RM115061	WO01	Filed	14 Apr 2011	14 Apr 2011	PCT/CN2011/072774	WO2012139291	18 Oct 2012			Efficient HARQ Scheme for CC specific TDD Configuration
RM115064	Family	Filed	24 May 2011	24 May 2011						Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	GB01	Filed	24 May 2011	24 May 2011	GB1108707.9	GB2491139	28 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US01	Granted	24 May 2011	24 May 2011	US13/114418			US8155102	10 Apr 2012	Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US02	Filed	19 Oct 2011	24 May 2011	US13/276618	US20120300712	29 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	WO01	Filed	22 May 2012	24 May 2011	PCT/IB2012/052559	WO2012160510	29 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115067	Family	Filed	15 Jul 2011	15 Jul 2011						White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	GB01	Filed	15 Jul 2011	15 Jul 2011	GB1112251.2	GB2492967	23 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	US01	Filed	15 Jul 2011	15 Jul 2011	US13/184002	US20130016221	17 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	WO01	Filed	16 Jul 2012	15 Jul 2011	PCT/IB2012/053630	WO2013011450	24 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115068	Family	Filed	11 Jul 2011	11 Jul 2011						Optimized Scheduling for Hybrid Cellular System
RM115068	GB01	Granted	11 Jul 2011	11 Jul 2011	GB1111854.4	GB2493131	30 Jan 2013	GB2493131	3 Jul 2013	Optimized Scheduling for Hybrid Cellular System
RM115068	US01	Filed	11 Jul 2011	11 Jul 2011	US13/180033	US20130016666	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115068	WO01	Filed	9 Jul 2012	11 Jul 2011	PCT/IB2012/053492	WO2013008167	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115069	Family	Filed	16 Sep 2011	16 Sep 2011						ADC clock selection based on temperature
RM115069	GB01	POA	16 Sep 2011	16 Sep 2011	GB1116090.0	GB2494695	20 Mar 2013			ADC clock selection based on temperature
RM115069	GB02	POA	16 Sep 2011	16 Sep 2011	GB1207522.2	GB2489337	26 Sep 2012			ADC clock selection based on temperature
RM115069	US01	Granted	16 Sep 2011	16 Sep 2011	US13/234393	US20130070815	21 Mar 2013	US8553748	8 Oct 2013	ADC clock selection based on temperature
RM115069	US02	POA	16 Sep 2011	16 Sep 2011	US13/625116	US20130070818	21 Mar 2013			ADC clock selection based on temperature
RM115070	Family	Filed	30 Jun 2011	30 Jun 2011						Double polling mechanism for WSN via UE gateway
RM115070	WO01	Filed	30 Jun 2011	30 Jun 2011	PCT/CN2011/076648	WO2013000148	3 Jan 2013			Double polling mechanism for WSN via UE gateway
RM115071	Family	Filed	1 Apr 2011	1 Apr 2011						Infrequent small data transmission method for detached MTC devices
RM115071	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105594.4	GB2489690	10 Oct 2012	GB2489690	20 Mar 2013	Infrequent small data transmission method for detached MTC devices
RM115071	US01	Filed	1 Apr 2011	1 Apr 2011	US13/078074	US20120254890	4 Oct 2012			Infrequent small data transmission method for detached MTC devices
RM115071	WO01	POA	2 Apr 2012	1 Apr 2011	PCT/IB2012/51594	WO2012131654	2 Apr 2012			Infrequent small data transmission method for detached MTC devices
RM115072	Family	Filed	11 Apr 2011	11 Apr 2011						DRX design for CA of carriers with different TDD configuration
RM115072	WO01	POA	11 Apr 2011	11 Apr 2011	PCT/CN2011/072595	WO2012139272	18 Oct 2012			DRX design for CA of carriers with different TDD configuration
RM115073	Family	Filed	26 Sep 2011	26 Sep 2011						Efficient HARQ Timing Design for Flexible TDD Configuration
RM115073	WO01	POA	26 Sep 2011	26 Sep 2011	PCT/CN2011/080159	WO2013044432	4 Apr 2013			Efficient HARQ Timing Design for Flexible TDD Configuration
RM115074	Family	Filed	22 Jun 2011	22 Jun 2011						Adaptive control methods for more efficient HARQ memory usage
RM115074	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110580.6	GB2492126	27 Dec 2012	GB2492126	7 Aug 2013	Adaptive control methods for more efficient HARQ memory usage
RM115074	US01	POA	22 Jun 2011	22 Jun 2011	US13/166265	US20120331241	27 Dec 2012			Adaptive control methods for more efficient HARQ memory usage

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115075	Family	Filed	23 Aug 2011	23 Aug 2011						Random Access Preamble Structure for UEs in Relay Cell
RM115075	GB01	POA	23 Aug 2011	23 Aug 2011	GB1114599.2	GB2495693	24 Apr 2013			Random Access Preamble Structure for UEs in Relay Cell
RM115075	US01	Filed	29 Aug 2011	23 Aug 2011	US13/199398	US20130051307	28 Feb 2013			Random Access Preamble Structure for UEs in Relay Cell
RM115076	Family	Filed	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	CN01	ToFiling	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	US01	ToFiling	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	WO01	Filed	11 Apr 2011	11 Apr 2011	PCT/CN2011/072600	WO2012139274	18 Oct 2012			Uplink Feedback Optimization for CC Specific TDD Configuration
RM115078	Family	Filed	27 Apr 2011	27 Apr 2011						UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	GB01	Closed	27 Apr 2011	27 Apr 2011	GB1107074.5	GB2479658	19 Oct 2011			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	US01	Filed	27 Apr 2011	27 Apr 2011	US13/095241	US20120275507	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	WO01	Filed	27 Apr 2012	27 Apr 2011	PCT/IB2012/052125	WO2012147059	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115079	Family	Filed	16 Jun 2011	16 Jun 2011						New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	GB01	Filed	16 Jun 2011	16 Jun 2011	GB1110209.2	GB2491887	19 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US01	Filed	16 Jun 2011	16 Jun 2011	US13/161640	US20120320764	20 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US02	Granted	21 Oct 2011	16 Jun 2011	US13/278442	US20120320769	20 Dec 2012	US8320276	27 Nov 2012	New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115082	Family	Filed	28 Apr 2011	28 Apr 2011						PHICH Transmissions with CC-specific TDD UL/DL configurations
RM115082	WO01	POA	28 Apr 2011	28 Apr 2011	PCT/CN2011/073440	WO2012145907	1 Nov 2012			PHICH Transmissions with CC-specific TDD UL/DL configurations
RM115084	Family	Filed	30 May 2011	30 May 2011						WiFi-assisted LTE transmission on unlicensed band.
RM115084	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074878	WO2012162875	6 Dec 2012			WiFi-assisted LTE transmission on unlicensed band.
RM115085	Family	Filed	3 Jun 2011	3 Jun 2011						On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	GB01	POA	3 Jun 2011	3 Jun 2011	GB1109310.1	GB2491401	5 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	US01	Filed	3 Jun 2011	3 Jun 2011	US13/152826	US20120307870	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	WO01	Filed	1 Jun 2012	3 Jun 2011	PCT/IB2012/052771	WO2012164536	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115087	Family	Filed	20 May 2011	20 May 2011						Quality algorithm for sleep clock calibration
RM115087	GB01	Closed	20 May 2011	20 May 2011	GB1108512.3	not to be published				Quality algorithm for sleep clock calibration
RM115087	GB02	Filed	29 Nov 2011	20 May 2011	GB1120543.2	GB2490980	21 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	GB03	Granted	29 Nov 2011	20 May 2011	GB1206996.9	GB2491001	21 Nov 2012	GB2491001	8 May 2013	Quality algorithm for sleep clock calibration
RM115087	US01	Closed	20 May 2011	20 May 2011	US13/112039					Quality algorithm for sleep clock calibration
RM115087	US02	POA	2 Dec 2011	20 May 2011	US13/310046	US20120294212	22 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	WO01	Filed	17 May 2012	20 May 2011	PCT/IB2012/052494	WO2012160480	29 Nov 2012			Quality algorithm for sleep clock calibration
RM115088	Family	Filed	6 Jun 2011	6 Jun 2011						LTE-HSPA HARQ Optimization
RM115088	GB01	Filed	6 Jun 2011	6 Jun 2011	GB1109449.7	GB2491815	19 Dec 2012			LTE-HSPA HARQ Optimization
RM115088	US01	Filed	6 Jun 2011	6 Jun 2011	US13/153788	US20120307919	6 Dec 2012			LTE-HSPA HARQ Optimization
RM115088	US02	Granted	13 Mar 2012	6 Jun 2011	US13/418824			US8270364	18 Sep 2012	LTE-HSPA HARQ Optimization
RM115088	WO01	Filed	4 Jun 2012	6 Jun 2011	PCT/IB2012/052789	WO2012168843	13 Dec 2012			LTE-HSPA HARQ Optimization
RM115089	Family	Filed	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115089	CN01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115089	EP01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115089	US01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115089	WO01	Filed	21 Apr 2011	21 Apr 2011	PCT/CN2011/073117	WO2012142761	26 Oct 2012			Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115090	Family	Filed	30 May 2011	30 May 2011						HARQ Procedures for Dynamical TDD configuration
RM115090	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074887	WO2012162877	6 Dec 2012			HARQ Procedures for Dynamical TDD configuration
RM115091	Family	Filed	28 Apr 2011	28 Apr 2011						Robustness improvement to EUTRAN system information acquisition
RM115091	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107206.3	GB2490362	31 Oct 2012	GB2490362	20 Mar 2013	Robustness improvement to EUTRAN system information acquisition
RM115091	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096199	US20120276933	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115091	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052109	WO2012147049	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115092	Family	Filed	28 Jun 2011	28 Jun 2011						Dual-SIM power reduction by closing down SIM system without service
RM115092	GB01	Granted	10 Aug 2011	28 Jun 2011	GB1110967.5	GB2481702	4 Jan 2012	GB2481702	12 Dec 2012	Dual-SIM power reduction by closing down SIM system without service
RM115092	US01	Filed	28 Jun 2011	28 Jun 2011	US13/170868	US20130005290	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115092	US02	Granted	11 Jan 2012	28 Jun 2011	US13/348042	US20130005291	3 Jan 2013	US8554167	8 Oct 2013	Dual-SIM power reduction by closing down SIM system without service
RM115092	WO01	POA	26 Jun 2012	28 Jun 2011	PCT/IB2012/053224	WO2013001452	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115094	Family	Filed	1 Apr 2011	1 Apr 2011						Method of pending security abortion indication
RM115094	CN01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115094	EP01	Filed	7 Oct 2011	1 Apr 2011	EP11184417.1	EP2506614	3 Oct 2012			Method of pending security abortion indication
RM115094	EP02	Filed	7 Oct 2011	1 Apr 2011	EP12171491.9	EP2523420	14 Nov 2012			Method of pending security abortion indication
RM115094	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105647.0	GB2480127	9 Nov 2011	GB2480127	16 May 2012	Method of pending security abortion indication
RM115094	IN01	Filed	2 Apr 2012	1 Apr 2011	IN1629/MUMNP/2013					Method of pending security abortion indication
RM115094	JP01	Filed	2 Apr 2012	1 Apr 2011						Method of pending security abortion indication
RM115094	KR01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115094	US01	Granted	1 Apr 2011	1 Apr 2011	US13/078223	US20120252404	4 Oct 2012	US8417220	9 Apr 2013	Method of pending security abortion indication
RM115094	US02	Granted	19 Jan 2012	1 Apr 2011	US13/353934	US20120252405	4 Oct 2012	US8412159	2 Apr 2013	Method of pending security abortion indication
RM115094	US03	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115094	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051612	WO2012131661	4 Oct 2012			Method of pending security abortion indication
RM115095	Family	Filed	1 Apr 2011	1 Apr 2011						Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	GB01	Granted	2 May 2012	1 Apr 2011	GB1105648.8	GB2477232	27 Jul 2011	GB2477232	2 May 2012	Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	GB02	Filed	1 Apr 2011	1 Apr 2011	GB1119675.5					Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078266	US20120252433	4 Oct 2012			Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	US02	Filed	2 Jan 2012	1 Apr 2011	US13/279689	US20120252448	10 Apr 2013			Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115097	Family	Filed	1 Apr 2011	1 Apr 2011						Method of fast reselection from UTRAN to EUTRAN
RM115097	CN01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596					Method of fast reselection from UTRAN to EUTRAN
RM115097	EP01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596					Method of fast reselection from UTRAN to EUTRAN
RM115097	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105590.2	GB2485854	30 May 2012	GB2485854	11 Dec 2012	Method of fast reselection from UTRAN to EUTRAN
RM115097	GB02	Granted	1 Apr 2011	1 Apr 2011	GB1204230.5	GB2487319	18 Jul 2012	GB2487319	27 Feb 2013	Method of fast reselection from UTRAN to EUTRAN
RM115097	IN01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596					Method of fast reselection from UTRAN to EUTRAN
RM115097	JP01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596					Method of fast reselection from UTRAN to EUTRAN
RM115097	KR01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596					Method of fast reselection from UTRAN to EUTRAN
RM115097	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078124	US20120252452	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	US02	Filed	12 Mar 2012	1 Apr 2011	US13/417515	US20120252455	10 Apr 2013			Method of fast reselection from UTRAN to EUTRAN
RM115097	US03	Filed	15 Jun 2012	1 Apr 2011	US13/524592	US20120320879	20 Dec 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596	WO2012131655	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115098	Family	Filed	3 Nov 2011	3 Nov 2011						Calibration / equalization of radio receiver analog baseband filter
RM115098	GB01	POA	3 Nov 2011	3 Nov 2011	GB1119080.6	GB2496154	8 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289482	US20130114662	9 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	WO01	POA	2 Nov 2012	3 Nov 2011	PCT/IB2012/056119	WO2013065021	10 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115100	Family	Filed	29 Apr 2011	29 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US01	Granted	2 Apr 2013	29 Apr 2011	US13/855232	US20130223296	29 Sep 2013	US8537725	17 Sep 2013	PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US02	Filed	4 Sep 2013	29 Apr 2011	US14/017584					PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	WO01	POA	29 Apr 2011	29 Apr 2011	PCT/CN2011/073529	WO2012145922	1 Nov 2012			PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115101	Family	Filed	20 May 2011	20 May 2011						Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	GB01	POA	20 May 2011	20 May 2011	GB1108527.1	GB2491119	28 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	US01	Filed	20 May 2011	20 May 2011	US13/112480	US20120294165	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	US02	Filed	19 Jan 2012	20 May 2011	US13/353755	US20120294344	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	WO01	POA	17 May 2012	20 May 2011	PCT/IB2012/052488	WO2012160488	29 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115102	Family	Filed	22 Jun 2011	22 Jun 2011						Mitigating other UE UL interference in LTE TDD networks.
RM115102	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110566.5	GB2492123	26 Dec 2012	GB2492123	12 Jun 2013	Mitigating other UE UL interference in LTE TDD networks.
RM115102	US01	Filed	22 Jun 2011	22 Jun 2011	US13/166428	US20120327820	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks.
RM115102	US02	Filed	22 Jun 2011	22 Jun 2011	US13/672305	US20130064145	14 Mar 2013			Mitigating other UE UL interference in LTE TDD networks.
RM115102	WO01	Filed	20 Jun 2012	22 Jun 2011	PCT/IB2012/053121	WO2012176139	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks.
RM115103	Family	Filed	12 Aug 2011	12 Aug 2011						frame aggregation
RM115103	GB01	Filed	12 Aug 2011	12 Aug 2011	GB1113934.2	GB2493713	20 Feb 2013			frame aggregation
RM115103	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208913	US20130039238	14 Feb 2013			frame aggregation
RM115105	Family	Filed	25 May 2011	25 May 2011						Resource allocation for D2D deployment in LTE system
RM115105	WO01	Filed	25 May 2011	25 May 2011	PCT/CN2011/074669	WO2012159270	29 Nov 2012			Resource allocation for D2D deployment in LTE system
RM115106	Family	Filed	31 May 2011	31 May 2011						High time offset indicator for CoMP
RM115106	GB01	Granted	31 May 2011	31 May 2011	GB1109109.7	GB2491367	5 Dec 2012	GB2491367	8 May 2013	High time offset indicator for CoMP
RM115106	GB02	Granted	31 May 2011	31 May 2011	GB1122200.7	GB2491426	5 Dec 2012	GB2491426	8 May 2013	High time offset indicator for CoMP

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115106	US01	Filed	31 May 2011	31 May 2011	US13/149067	US20120307704	6 Dec 2012			High time offset indicator for CoMP
RM115107	Family	Filed	16 May 2011	16 May 2011						SRS Configuration and Triggering for Segment Carrier
RM115107	WO01	POA	16 May 2011	16 May 2011	PCT/CN2011/074084	WO2012155326	22 Nov 2012			SRS Configuration and Triggering for Segment Carrier
RM115108	Family	Filed	2 Jun 2011	2 Jun 2011						Flexible enable and disable of Cross-CC Scheduling
RM115108	WO01	POA	2 Jun 2011	2 Jun 2011	PCT/CN2011/075174	WO2012162889	6 Dec 2012			Flexible enable and disable of Cross-CC Scheduling
RM115109	Family	Filed	28 Apr 2011	28 Apr 2011						Methods of multipoint HSDPA in CELL_FACH state
RM115109	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107195.8	GB2490494	7 Nov 2012	GB2490494	24 Jul 2013	Methods of multipoint HSDPA in CELL_FACH state
RM115109	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096124	US20120276915	1 Nov 2012			Methods of multipoint HSDPA in CELL_FACH state
RM115110	Family	Filed	28 Apr 2011	28 Apr 2011						Method of combining common channel configurations CELL_FACH state
RM115110	GB01	Granted	12 Jul 2011	28 Apr 2011	GB1111934.4	GB2490370	30 Oct 2012	GB2490370	8 May 2013	Method of combining common channel configurations CELL_FACH state
RM115110	GB02	Closed	28 Apr 2011	28 Apr 2011	GB1107196.6					Method of combining common channel configurations CELL_FACH state
RM115110	GB03	Granted	12 Jul 2011	28 Apr 2011	GB1212205.7	GB2497151	5 Jun 2013	GB2497151	17 Jul 2013	Method of combining common channel configurations CELL_FACH state
RM115110	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096085	US20120275389	1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115110	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052126	WO2012147060	1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115113	Family	Filed	2 Apr 2011	2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	CN01	ToFiling	2 Apr 2011	2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	US01	ToFiling	2 Apr 2011	2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	WO01	Filed	2 Apr 2011	2 Apr 2011	PCT/CN2011/072419	WO2012135992	6 Dec 2012			Effective trigger event and signaling for TA calculation scheme
RM115114	Family	Filed	12 Jul 2011	12 Jul 2011						AGC control for eICIC
RM115114	GB01	Granted	12 Jul 2011	12 Jul 2011	GB1111933.6	GB2492794	16 Jan 2013	GB2492794	17 Jul 2013	AGC control for eICIC
RM115114	US01	Granted	12 Jul 2011	12 Jul 2011	US13/180791	US20130017793	17 Jan 2013	US8494467	23 Jul 2013	AGC control for eICIC
RM115114	WO01	Filed	11 Jul 2012	12 Jul 2011	PCT/IB2012/053643	WO2013008190	17 Jan 2013			AGC control for eICIC
RM115115	Family	Filed	19 Jul 2011	19 Jul 2011						CSI Measurement and Reporting for Segment Carrier
RM115115	WO01	POA	19 Jul 2011	19 Jul 2011	PCT/CN2011/077331	WO2013010321	24 Jan 2013			CSI Measurement and Reporting for Segment Carrier
RM115117	Family	Filed	8 Jun 2011	8 Jun 2011						System Information Cache
RM115117	GB01	POA	8 Jun 2011	8 Jun 2011	GB1109593.2	GB2491617	12 Dec 2012			System Information Cache
RM115117	US01	Filed	8 Jun 2011	8 Jun 2011	US13/155510	US20120315910	13 Dec 2012			System Information Cache
RM115117	US02	Granted	18 Oct 2011	8 Jun 2011	US13/275885	US20120315945	13 Dec 2012	US8364144	29 Jan 2013	System Information Cache
RM115118	Family	Filed	30 Jun 2011	30 Jun 2011						Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	GB01	Granted	30 Jun 2011	30 Jun 2011	GB1111160.6	GB2480930	7 Dec 2011	GB2480930	16 May 2012	Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	US01	Closed	30 Jun 2011	30 Jun 2011	US13/173767	US20130005395	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	US02	Filed	13 Feb 2012	30 Jun 2011	US13/371677	US20130005396	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	WO01	Filed	28 Jun 2012	30 Jun 2011	PCT/IB2012/053279	WO2013001483	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115120	Family	Filed	7 Jun 2011	7 Jun 2011						Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier types
RM115120	WO01	POA	7 Jun 2011	7 Jun 2011	PCT/CN2011/075381	WO2012167417	13 Dec 2012			Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier types
RM115121	Family	Filed	2 May 2011	2 May 2011						Compressed Group RACH Access and Management
RM115121	US01	Filed	2 May 2011	2 May 2011	US13/068088	US20120281679	8 Nov 2012			Compressed Group RACH Access and Management
RM115122	Family	Filed	23 Jun 2011	23 Jun 2011						Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	GB01	POA	23 Jun 2011	23 Jun 2011	GB1110666.3	GB2492326	2 Jan 2013			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	US01	Filed	23 Jun 2011	23 Jun 2011	US13/166913	US20120327834	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	US02	Filed	1 Dec 2011	23 Jun 2011	US13/308876	US20120327835	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	WO01	Filed	25 Jun 2012	23 Jun 2011	PCT/IB2012/053203	WO2012176179	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115123	Family	Filed	3 May 2011	3 May 2011						Methods to reduce interference from/to DL control and CRS in LA TDD network with flexible TDD configuration
RM115123	WO01	Filed	3 May 2011	3 May 2011	PCT/CN2011/073600	WO2012149673	8 Nov 2012			Methods to reduce interference from/to DL control and CRS in LA TDD network with flexible TDD configuration
RM115124	Family	Filed	8 Jun 2011	8 Jun 2011						Feedback Design of Hierarchical Coordinated Multipoint Transmission
RM115124	WO01	POA	8 Jun 2011	8 Jun 2011	PCT/CN2011/075442	WO2012167424	13 Dec 2012			Feedback Design of Hierarchical Coordinated Multipoint Transmission
RM115125	Family	Filed	6 Jul 2011	6 Jul 2011						A method to avoid radio interference in multiple RF multiple SIM device
RM115125	GB01	Filed	6 Jul 2011	6 Jul 2011	GB1111564.9	GB2492577	9 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115125	US01	Filed	6 Jul 2011	6 Jul 2011	US13/176941	US20130012135	10 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115126	Family	Filed	28 Jun 2011	28 Jun 2011						Dual-SIM power reduction by combining operations

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115126	GB01	Granted	28 Jun 2011	28 Jun 2011	GB1110968.3	GB2492536	9 Jan 2013	GB2492536	29 May 2013	Dual-SIM power reduction by combining operations
RM115126	JS01	Filed	28 Jun 2011	28 Jun 2011	US13/170939	US20130005394	3 Jan 2013			Dual-SIM power reduction by combining operations
RM115128	Family	Filed	9 Jun 2011	9 Jun 2011						Methods for CQI report in LA TDD network with flexible TDD configuration
RM115128	WO01	POA	9 Jun 2011	9 Jun 2011	PCT/CN2011/075502	WO2012167431	13 Dec 2012			Methods for CQI report in LA TDD network with flexible TDD configuration
RM115129	Family	Filed	14 Jul 2011	14 Jul 2011						Flexible LTE system utilization on unlicensed band
RM115129	WO01	POA	14 Jul 2011	14 Jul 2011	PCT/CN2011/001167	WO2013006988	17 Jan 2013			Flexible LTE system utilization on unlicensed band
RM115132	Family	Filed	23 Aug 2011	23 Aug 2011						Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	GB01	Closed	23 Aug 2011	23 Aug 2011	GB1114589.3	GB2494111	6 Mar 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	JS01	Closed	23 Aug 2011	23 Aug 2011	US13/215877	US20130053092	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	WO01	Filed	21 Aug 2012	23 Aug 2011	PCT/IB2012/054218	WO2013027172	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115133	Family	Filed	19 May 2011	19 May 2011						Configurable Low Noise Amplifier
RM115133	GB01	Granted	19 May 2011	19 May 2011	GB1108444.9	GB2481487	28 Dec 2011	GB2481487	29 Aug 2012	Configurable Low Noise Amplifier
RM115133	GB02	Granted	19 May 2011	19 May 2011	GB1119782.9	GB2490979	21 Nov 2012	GB2490979	29 May 2013	Configurable Low Noise Amplifier
RM115133	TW01	Filed	16 May 2012	19 May 2011	TW101117327	TW201301749	1 Jan 2013			Configurable Low Noise Amplifier
RM115133	JS01	Granted	19 May 2011	19 May 2011	US13/111423	US20120293262	22 Nov 2012	US8378748	19 Feb 2013	Configurable Low Noise Amplifier
RM115133	JS02	Granted	1 Dec 2011	19 May 2011	US13/308772	US20120293250	22 Nov 2012	US8319555	27 Nov 2012	Configurable Low Noise Amplifier
RM115133	WO01	Filed	16 May 2012	19 May 2011	PCT/IB2012/052498	WO2012156945	22 Nov 2012			Configurable Low Noise Amplifier
RM115134	Family	Filed	19 Aug 2011	19 Aug 2011						Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	GB01	Filed	31 Aug 2011	19 Aug 2011	GB1115028.1	GB2493788	20 Feb 2013			Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US01	Closed	19 Aug 2011	19 Aug 2011	US61/525371					Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US02	Granted	8 Jan 2013	19 Aug 2011	US13/222074	US20130045765	21 Feb 2013	US8380206	19 Feb 2013	Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US03	Filed	8 Jan 2013	19 Aug 2011	US13/736486	US20130130698	23 May 2013			Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115135	Family	Filed	15 Aug 2011	15 Aug 2011						LTE security and bearer context hibernation for low periodicity packet transmission
RM115135	GB01	POA	15 Aug 2011	15 Aug 2011	GB1114014.2	GB2493722	20 Feb 2013			LTE security and bearer context hibernation for low periodicity packet transmission
RM115135	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209619	US20130046821	21 Feb 2013			LTE security and bearer context hibernation for low periodicity packet transmission
RM115135	WO01	Filed	14 Aug 2012	15 Aug 2011	PCT/IB2012/054143	WO2013024435	21 Feb 2013			LTE security and bearer context hibernation for low periodicity packet transmission
RM115138	Family	Filed	2 May 2011	2 May 2011						CSI-RS density enhancement
RM115138	EP01	ToFiling	2 May 2011	2 May 2011						CSI-RS density enhancement
RM115138	GB01	Closed	3 May 2011	2 May 2011	GB1107363.2					CSI-RS density enhancement
RM115138	GB02	Filed	1 Sep 2011	2 May 2011	GB1115130.5	GB2490750	14 Nov 2012			CSI-RS density enhancement
RM115138	US01	Granted	2 May 2011	2 May 2011	US13/098873	US20120282935	8 Nov 2012	US8289917	16 Oct 2012	CSI-RS density enhancement
RM115138	US02	ToFiling	2 May 2011	2 May 2011						CSI-RS density enhancement
RM115138	WO01	Filed	1 May 2012	2 May 2011	PCT/IB2012/052173	WO2012150545	8 Nov 2012			CSI-RS density enhancement
RM115139	Family	Filed	30 Sep 2011	30 Sep 2011						Inheriting of UE mobility state between EUTRAN and other RATs
RM115139	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116918.2	GB2495283	10 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115139	US01	Filed	30 Sep 2011	30 Sep 2011	US13/249553	US20130084842	4 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115140	Family	Filed	29 Jun 2011	29 Jun 2011						Discrimination between UE mobility classes
RM115140	GB01	Granted	29 Jun 2011	29 Jun 2011	GB1111088.9	GB2489537	3 Oct 2012	GB2489537	5 Jun 2013	Discrimination between UE mobility classes
RM115140	GB02	Granted	29 Jun 2011	29 Jun 2011	GB1205668.5	GB2492616	9 Jan 2013	GB2492616	5 Jun 2013	Discrimination between UE mobility classes
RM115140	US01	Filed	29 Jun 2011	29 Jun 2011	US13/172189	US20130005381	3 Jan 2013			Discrimination between UE mobility classes
RM115141	Family	Filed	17 Nov 2011	17 Nov 2011						On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	GB01	POA	17 Nov 2011	17 Nov 2011	GB1119864.5	GB2496646	22 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	US01	Filed	16 Nov 2011	17 Nov 2011	US13/299943	US20130128823	23 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	US02	Filed	16 Nov 2012	17 Nov 2011	US13/678890	US20130128830	23 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115142	Family	Filed	22 Jun 2011	22 Jun 2011						MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115142	GB01	Filed	22 Jun 2011	22 Jun 2011	GB1110562.4	GB2492122	26 Dec 2012			MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115142	US01	Filed	22 Jun 2011	22 Jun 2011	US13/165884	US20120329407	27 Dec 2012			MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115143	Family	Filed	23 Jun 2011	23 Jun 2011						Virtual SIM: A secure and energy-saved communication mechanism

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115143	WO01	Filed	23 Jun 2011	23 Jun 2011	PCT/CN2011/076179	WO2012174722	27 Dec 2012			Virtual SIM: A secure and energy-saved communication mechanism
RM115144	Family	Filed	21 Jun 2011	21 Jun 2011						Cell-based dynamic configuration method for offline small-data transmission of detached MTC devices
RM115144	WO01	POA	21 Jun 2011	21 Jun 2011	PCT/CN2011/076020	WO2012174709	27 Dec 2012			Cell-based dynamic configuration method for offline small-data transmission of detached MTC devices
RM115146	Family	Filed	27 Jun 2011	27 Jun 2011						Reverse Scheduling Mechanisms
RM115146	GB01	Filed	27 Jun 2011	27 Jun 2011	GB1110880.0	GB2492334	2 Jan 2013			Reverse Scheduling Mechanisms
RM115146	US01	Filed	27 Jun 2011	27 Jun 2011	US13/169336	US20120327867	27 Dec 2012			Reverse Scheduling Mechanisms
RM115147	Family	Filed	26 Aug 2011	26 Aug 2011						Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	GB01	POA	26 Aug 2011	26 Aug 2011	GB1114816.0	GB2493985	27 Feb 2013			Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	US01	Filed	26 Aug 2011	26 Aug 2011	US13/218634	US20130051383	28 Feb 2013			Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	WO01	Filed	24 Aug 2012	26 Aug 2011	PCT/IB2012/054289	WO2013030732	7 Mar 2013			Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115151	Family	Filed	27 Jul 2011	27 Jul 2011						Reduced measurement and reporting in UE
RM115151	GB01	Filed	27 Jul 2011	27 Jul 2011	GB1112918.6	GB2493183	30 Jan 2013			Reduced measurement and reporting in UE
RM115151	US01	Filed	27 Jul 2011	27 Jul 2011	US13/191861	US20130029707	31 Jan 2013			Reduced measurement and reporting in UE
RM115152	Family	Filed	16 May 2011	16 May 2011						BEP measurements for VAMOS
RM115152	GB01	POA	16 May 2011	16 May 2011	GB1108159.3	GB2489757	10 Oct 2012			BEP measurements for VAMOS
RM115152	US01	Closed	16 May 2011	16 May 2011	US13/108352	US20120294289	22 Nov 2012			BEP measurements for VAMOS
RM115152	US02	Granted	13 Oct 2011	16 May 2011	US13/272790	US20120294290	22 Nov 2012	US8345642	1 Jan 2013	BEP measurements for VAMOS
RM115152	WO01	Filed	16 May 2012	16 May 2011	PCT/IB2012/052471	WO2012156934	22 Nov 2012			BEP measurements for VAMOS
RM115153	Family	Filed	17 Aug 2011	17 Aug 2011						Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115153	IN01	Filed	17 Aug 2011	17 Aug 2011	IN2328/MUM/2011	IN02328MU2011	22 Feb 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115153	WO01	Filed	9 Aug 2012	17 Aug 2011	PCT/IB2012/001532	WO2013024327	21 Feb 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115154	Family	Filed	15 Jun 2011	15 Jun 2011						Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115154	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1110111.0	GB2491689	19 Dec 2012			Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115154	US01	Filed	15 Jun 2011	15 Jun 2011	US13/160552	US20120322474	20 Dec 2012			Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115155	Family	Filed	26 Jul 2011	26 Jul 2011						A new way to get TA for LTE system deployed in White Space
RM115155	WO01	POA	26 Jul 2011	26 Jul 2011	PCT/CN2011/077626	WO2013013390	31 Jan 2013			A new way to get TA for LTE system deployed in White Space
RM115157	Family	Filed	4 Jul 2011	4 Jul 2011						RACH optimization for LTE-Advance Local Area Deployment
RM115157	WO01	Filed	4 Jul 2011	4 Jul 2011	PCT/CN2011/076830	WO2013004002	10 Jan 2013			RACH optimization for LTE-Advance Local Area Deployment
RM115158	Family	Filed	30 Aug 2011	30 Aug 2011						Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115158	GB01	Filed	30 Aug 2011	30 Aug 2011	GB1114888.9	GB2494132	6 Mar 2013			Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115158	US01	Filed	30 Aug 2011	30 Aug 2011	US13/221298	US20130051358	28 Feb 2013			Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115159	Family	Filed	5 Jul 2011	5 Jul 2011						Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	GB01	Filed	5 Jul 2011	5 Jul 2011	GB1111467.5	GB2492564	9 Jan 2013			Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	US01	Filed	5 Jul 2011	5 Jul 2011	US13/176169	US20130010880	10 Jan 2013			Feedback framework for MIMO operation in Heterogeneous Networks
RM115160	Family	Filed	7 Jul 2011	7 Jul 2011						Extended Proximity Indication for CSG cells
RM115160	GB01	Filed	7 Jul 2011	7 Jul 2011	GB1111627.4	GB2492584	9 Jan 2013			Extended Proximity Indication for CSG cells
RM115160	US01	Filed	7 Jul 2011	7 Jul 2011	US13/177920	US20130013797	10 Jan 2013			Extended Proximity Indication for CSG cells
RM115160	WO01	Filed	5 Jul 2012	7 Jul 2011	PCT/IB2012/053425	WO2013005175	10 Jan 2013			Extended Proximity Indication for CSG cells
RM115161	Family	Filed	18 Jul 2011	18 Jul 2011						Enabling efficient ad hoc network operation on Television White Spaces
RM115161	GB01	Granted	18 Jul 2011	18 Jul 2011	GB1112343.7	GB2492984	23 Jan 2013	GB2492984	5 Jun 2013	Enabling efficient ad hoc network operation on Television White Spaces
RM115161	US01	Filed	18 Jul 2011	18 Jul 2011	US13/184702	US20130023202	24 Jan 2013			Enabling efficient ad hoc network operation on Television White Spaces
RM115164	Family	Filed	5 Jul 2011	5 Jul 2011						Power Control Enhancement in LA TDD network
RM115164	WO01	POA	5 Jul 2011	5 Jul 2011	PCT/CN2011/076865	WO2013004007	10 Jan 2013			Power Control Enhancement in LA TDD network
RM115166	Family	Filed	8 Jul 2011	8 Jul 2011						Interference mitigation via channel reservation in LA TDD network
RM115166	WO01	POA	8 Jul 2011	8 Jul 2011	PCT/CN2011/077003	WO2013007010	17 Jan 2013			Interference mitigation via channel reservation in LA TDD network
RM115167	Family	Filed	8 Jul 2011	8 Jul 2011						Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	GB01	Filed	8 Jul 2011	8 Jul 2011	GB1111744.7	GB2492600	9 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	US01	Filed	8 Jul 2011	8 Jul 2011	US13/178808	US20130010706	10 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115167	WO01	Filed	5 Jul 2012	8 Jul 2011	PCT/IB2012/053443	WO2013008153	17 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115168	Family	Filed	15 Jul 2011	15 Jul 2011						Virtual X2 via 802.19.1 Co-existence Manager
RM115168	GB01	POA	15 Jul 2011	15 Jul 2011	GB1112153.0	GB2492840	16 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115168	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183940	US20130017837	17 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115168	WO01	Filed	13 Jul 2012	15 Jul 2011	PCT/IB2012/053500	WO2013011439	24 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115169	Family	Filed	20 Jul 2011	20 Jul 2011						Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115169	WO01	POA	20 Jul 2011	20 Jul 2011	PCT/CN2011/077363	WO2013010323	24 Jan 2013			Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115171	Family	Filed	11 Jul 2011	11 Jul 2011						C-RNTI multiplexing by time division
RM115171	GB01	Filed	11 Jul 2011	11 Jul 2011	GB1111833.8	GB2493128	30 Jan 2013			C-RNTI multiplexing by time division
RM115171	US01	Closed	11 Jul 2011	11 Jul 2011	US13/179619	US20130016703	17 Jan 2013			C-RNTI multiplexing by time division
RM115172	Family	Filed	25 Jul 2011	25 Jul 2011						Mechanisms to enable fast switching between CA and MIMO in LTE-Advanced
RM115172	WO01	Filed	25 Jul 2011	25 Jul 2011	PCT/CN2011/077548	WO2013013376	31 Jan 2013			Mechanisms to enable fast switching between CA and MIMO in LTE-Advanced
RM115173	Family	Filed	24 Aug 2011	24 Aug 2011						Effctive solution to measure TA on extension carrier
RM115173	WO01	Filed	24 Aug 2011	24 Aug 2011	PCT/CN2011/001416	WO2013026183	28 Feb 2013			Effctive solution to measure TA on extension carrier
RM115174	Family	Filed	12 Jul 2011	12 Jul 2011						Search Space Redefinition for CC-specific TDD UL/DL Configurations
RM115174	WO01	Filed	12 Jul 2011	12 Jul 2011	PCT/CN2011/077063	WO2013007016	17 Jan 2013			Search Space Redefinition for CC-specific TDD UL/DL Configurations
RM115175	Family	Filed	14 Oct 2011	14 Oct 2011						Shared Memory Access Controller
RM115175	GB01	Granted	14 Oct 2011	14 Oct 2011	GB1117740.9	GB2490753	14 Nov 2012	GB2490753	27 Mar 2013	Shared Memory Access Controller
RM115175	US01	Granted	14 Oct 2011	14 Oct 2011	US13/273422	US20130097390	18 Apr 2013	US8549234	1 Oct 2013	Shared Memory Access Controller
RM115175	US02	Granted	12 Oct 2012	14 Oct 2011	US13/650935	US20130097394	18 Apr 2013	US8521968	27 Aug 2013	Shared Memory Access Controller
RM115176	Family	Filed	12 Aug 2011	12 Aug 2011						Methods of uplink resource selection
RM115176	GB01	Granted	12 Aug 2011	12 Aug 2011	GB1113677.3	GB2490973	21 Nov 2012	GB2490973	3 Jul 2013	Methods of uplink resource selection
RM115176	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208700	US20130039237	14 Feb 2013			Methods of uplink resource selection
RM115176	US02	Granted	29 Dec 2011	12 Aug 2011	US13/339458	US20130039354	14 Feb 2013	US8437302	7 May 2013	Methods of uplink resource selection
RM115176	US03	Filed	1 Mar 2013	12 Aug 2011	US13/782790	US20130178222	11 Jul 2013			Methods of uplink resource selection
RM115176	WO01	Filed	10 Aug 2012	12 Aug 2011	PCT/IB2012/054095	WO2013024413	21 Feb 2013			Methods of uplink resource selection
RM115177	Family	Filed	8 Aug 2011	8 Aug 2011						Retransmission-less Acknowledged Mode RLC
RM115177	GB01	Granted	25 Nov 2011	8 Aug 2011	GB1113564.5	GB2484772	25 Apr 2012	GB2484772	18 Sep 2013	Retransmission-less Acknowledged Mode RLC
RM115177	US01	Filed	8 Aug 2011	8 Aug 2011	US13/205216	US20130039192	14 Feb 2013			Retransmission-less Acknowledged Mode RLC
RM115177	US02	POA	15 May 2012	8 Aug 2011	US13/471840	US20130039269	14 Feb 2013			Retransmission-less Acknowledged Mode RLC
RM115178	Family	Filed	25 Jul 2011	25 Jul 2011						Method of autonomous fallback from CELL_FACH to CELL_PCH state
RM115178	GB01	Filed	25 Jul 2011	25 Jul 2011	GB1112737.0	GB2493332	6 Feb 2013	GB2493332	7 Oct 2013	Method of autonomous fallback from CELL_FACH to CELL_PCH state
RM115178	US01	POA	26 Jul 2011	25 Jul 2011	US13/190794	US20130029651	31 Jan 2013			Method of autonomous fallback from CELL_FACH to CELL_PCH state
RM115181	Family	Filed	28 Jul 2011	28 Jul 2011						Signaling and procedure design for TD-LTE cluster contending with WLAN on ISM bands
RM115181	WO01	POA	28 Jul 2011	28 Jul 2011	PCT/CN2011/077721	WO2013013409	31 Jan 2013			Signaling and procedure design for TD-LTE cluster contending with WLAN on ISM bands
RM115182	Family	Filed	12 Sep 2011	12 Sep 2011						On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115182	GB01	POA	12 Sep 2011	12 Sep 2011	GB1115706.2	GB2494460	13 Mar 2013			On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115182	US01	Filed	12 Sep 2011	12 Sep 2011	US13/199945	US20130064138	14 Mar 2013			On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115182	WO01	Filed	12 Sep 2011	12 Sep 2011	PCT/IB2012/054692	WO2013038325	21 Mar 2013			On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115183	Family	Filed	5 Aug 2011	5 Aug 2011						Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115183	GB01	POA	12 Dec 2011	5 Aug 2011	GB1113552.2	GB2493394	6 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115183	US01	Filed	5 Aug 2011	5 Aug 2011	US13/204073	US20130034092	7 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115184	Family	Filed	15 Jul 2011	15 Jul 2011						Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115184	GB01	Granted	15 Jul 2011	15 Jul 2011	GB1112190.2	GB2493497	13 Feb 2013	GB2493497	31 Jul 2013	Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115184	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183542	US20130016648	17 Jan 2013			Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115185	Family	Filed	2 Sep 2011	2 Sep 2011						Spatial hashing for enhanced PDCCH search spaces
RM115185	GB01	POA	2 Sep 2011	2 Sep 2011	GB1115197.4	GB2494394	13 Mar 2013			Spatial hashing for enhanced PDCCH search spaces

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115185	US01	Filed	2 Sep 2011	2 Sep 2011	US13/224825	US20130058285	7 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115185	WO01	Filed	31 Aug 2012	2 Sep 2011	PCT/IB2012/054487	WO2013030793	7 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115186	Family	Filed	30 Aug 2011	30 Aug 2011						On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	GB01	Filed	30 Aug 2011	30 Aug 2011	GB1114892.1	GB2494134	6 Mar 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	US01	Filed	30 Aug 2011	30 Aug 2011	US13/221343	US20130051277	28 Feb 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	WO01	Filed	29 Aug 2012	30 Aug 2011	PCT/IB2012/054433	WO2013030773	7 Mar 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115187	Family	Filed	28 Jul 2011	28 Jul 2011						A method of quickly frequency switch between cellular band and shared band
RM115187	WO01	Filed	28 Jul 2011	28 Jul 2011	PCT/CN2011/077730	WO2013013412	31 Jan 2013			A method of quickly frequency switch between cellular band and shared band
RM115188	Family	Filed	9 Sep 2011	9 Sep 2011						White Space-assisted Inter-Cell Interference Coordination in LTE networks deployed in White Space
RM115188	WO01	Filed	9 Sep 2011	9 Sep 2011	PCT/CN2011/079494	WO2013033907	14 Mar 2013			White Space-assisted Inter-Cell Interference Coordination in LTE networks deployed in White Space
RM115189	Family	Filed	28 Jul 2011	28 Jul 2011						Optimization for Wireless Communication Method
RM115189	GB01	POA	30 Mar 2012	28 Jul 2011	GB1113008.5	GB2488647	12 Sep 2012			Optimization for Wireless Communication Method
RM115189	US01	Filed	28 Jul 2011	28 Jul 2011	US13/193055	US20130028177	31 Jan 2013			Optimization for Wireless Communication Method
RM115189	WO01	Filed	26 Jul 2012	28 Jul 2011	PCT/IB2012/053822	WO2013014641	31 Jan 2013			Optimization for Wireless Communication Method
RM115191	Family	Filed	7 Oct 2011	7 Oct 2011						Interfacing DigRFv4 to LVDS
RM115191	GB01	POA	7 Oct 2011	7 Oct 2011	GB1117364.8	GB2495329	10 Apr 2013			Interfacing DigRFv4 to LVDS
RM115191	US01	Filed	7 Oct 2011	7 Oct 2011	US13/268295	US20130090148	11 Apr 2013			Interfacing DigRFv4 to LVDS
RM115192	Family	Filed	24 Aug 2011	24 Aug 2011						Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115192	GB01	Granted	24 Aug 2011	24 Aug 2011	GB1114635.4	GB2482991	22 Feb 2012	GB2482991	12 Sep 2012	Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115192	US01	Closed	24 Aug 2011	24 Aug 2011	US13/216379	US20130051386	28 Feb 2013			Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115192	US02	POA	13 Mar 2012	24 Aug 2011	US13/418746	US20130051388	28 Feb 2013			Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115193	Family	Filed	8 Aug 2011	8 Aug 2011						Way of Improving Resource Efficiency for E-PDCCH
RM115193	WO01	Filed	8 Aug 2011	8 Aug 2011	PCT/CN2011/078120	WO2013020268	14 Feb 2013			Way of Improving Resource Efficiency for E-PDCCH
RM115195	Family	Filed	14 Nov 2011	14 Nov 2011						Methods and apparatus for UE-assisted packet transmission termination in converged cellular and wireless sensor networks
RM115195	WO01	Filed	14 Nov 2011	14 Nov 2011	PCT/CN2011/082163	WO2013071478	23 May 2013			Methods and apparatus for UE-assisted packet transmission termination in converged cellular and wireless sensor networks
RM115196	Family	Filed	1 Aug 2011	1 Aug 2011						Extended Paging to Carry Small Downlink Data
RM115196	WO01	Filed	1 Aug 2011	1 Aug 2011	PCT/CN2011/077849	WO2013016862	7 Feb 2013			Extended Paging to Carry Small Downlink Data
RM115197	Family	Filed	24 Aug 2011	24 Aug 2011						RACH resource selection mechanisms in CC specific TDD configuration
RM115197	WO01	Filed	24 Aug 2011	24 Aug 2011	PCT/CN2011/001417	WO2013026184	28 Feb 2013			RACH resource selection mechanisms in CC specific TDD configuration
RM115198	Family	Filed	15 Aug 2011	15 Aug 2011						A radio receiver for the reception of carriers with power imbalance
RM115198	GB01	Granted	16 Aug 2011	15 Aug 2011	GB1114074.6	GB2492605	9 Jan 2013	GB2492605	5 Jun 2013	A radio receiver for the reception of carriers with power imbalance
RM115198	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209793	US20130045704	21 Feb 2013			A radio receiver for the reception of carriers with power imbalance
RM115198	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054165	WO2013024450	21 Feb 2013			A radio receiver for the reception of carriers with power imbalance
RM115199	Family	Filed	2 Nov 2011	2 Nov 2011						Resource allocation signaling method for D2D discovery
RM115199	GB01	POA	2 Nov 2011	2 Nov 2011	GB1118928.9	GB2496153	8 May 2013			Resource allocation signaling method for D2D discovery
RM115199	US01	Filed	3 Nov 2011	2 Nov 2011	US13/288328	US20130109301	2 May 2013			Resource allocation signaling method for D2D discovery
RM115200	Family	Filed	14 Nov 2011	14 Nov 2011						The enhanced 802.11 receiver via retransmission diversity
RM115200	GB01	POA	14 Nov 2011	14 Nov 2011	GB1119629.2	GB2496454	15 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115200	US01	Filed	16 Nov 2011	14 Nov 2011	US13/297409	US20130121323	16 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115201	Family	Filed	26 Aug 2011	26 Aug 2011						Method to speed up cell search in TD-SCDMA
RM115201	WO01	Filed	26 Aug 2011	26 Aug 2011	PCT/IB2011/01954	WO2013030609	7 Mar 2013			Method to speed up cell search in TD-SCDMA
RM115202	Family	Filed	10 Nov 2011	10 Nov 2011						An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	GB01	Granted	10 Nov 2011	10 Nov 2011	GB1119437.0	GB2490978	21 Nov 2012	GB2490978	12 Jun 2013	An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	US01	Granted	22 Nov 2011	10 Nov 2011	US13/301924			US8385961	26 Feb 2013	An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	US02	Filed	22 Nov 2011	10 Nov 2011	US13/777386	US20130165106	27 Jun 2013			An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115202	WO01	POA	15 Oct 2012	10 Nov 2011	PCT/IB2012/002047	WO2013068798	16 May 2013			An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115203	Family	Filed	15 Aug 2011	15 Aug 2011						UE assistanted TA group configuration
RM115203	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/CN2011/078427	WO2013023354	21 Feb 2013			UE assistanted TA group configuration
RM115204	Family	Filed	8 Dec 2011	8 Dec 2011						The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	GB01	POA	8 Dec 2011	8 Dec 2011	GB1121137.2	GB2497519	19 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	US01	Filed	8 Dec 2011	8 Dec 2011	US13/315923	US20130148640	13 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115205	Family	Filed	28 Oct 2011	28 Oct 2011						LTE operation over TVWS in the presence of WLAN-based system
RM115205	GB01	Filed	28 Oct 2011	28 Oct 2011	GB1118708.5	GB2495991	1 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115205	US01	Filed	1 Nov 2011	28 Oct 2011	US13/286354	US20130107116	2 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115206	Family	Filed	14 Dec 2011	14 Dec 2011						Coexistence of LTE with WLAN in the shared band
RM115206	GB01	POA	14 Dec 2011	14 Dec 2011	GB1121434.3	GB2497556	19 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	US01	Filed	15 Dec 2011	14 Dec 2011	US13/327225	US20130156019	20 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	WO01	Filed	13 Dec 2012	14 Dec 2011	PCT/IB2012/057272	WO2013088387	20 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115208	Family	Filed	25 Nov 2011	25 Nov 2011						Channel and Radio Resource Grid Partition for Device-to-Device Communication in White Space Spectrum Bands
RM115208	WO01	Filed	25 Nov 2011	25 Nov 2011	PCT/CN2011/082992	WO2013075340	30 May 2013			Channel and Radio Resource Grid Partition for Device-to-Device Communication in White Space Spectrum Bands
RM115209	Family	Filed	27 Sep 2011	27 Sep 2011						Higher rank MIMO for distributed antenna arrays
RM115209	GB01	Granted	27 Sep 2011	27 Sep 2011	GB1116623.8	GB2491423	5 Dec 2012	GB2491423	5 Jun 2013	Higher rank MIMO for distributed antenna arrays
RM115209	GB02	Filed	27 Sep 2011	27 Sep 2011	GB1211156.3	GB2495168	3 Apr 2013			Higher rank MIMO for distributed antenna arrays
RM115209	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246326	US20130077707	28 Mar 2013			Higher rank MIMO for distributed antenna arrays
RM115210	Family	Filed	29 Nov 2011	29 Nov 2011						Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	GB01	Filed	29 Nov 2011	29 Nov 2011	GB1120544.0	GB2497090	5 Jun 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	US01	Filed	2 Dec 2011	29 Nov 2011	US13/309952	US20130136115	30 May 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	WO01	Filed	22 Nov 2012	29 Nov 2011	PCT/IB2012/056620	WO2013080098	6 Jun 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115211	Family	Filed	12 Oct 2011	19 May 2011						Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB01	Filed	12 Oct 2011	19 May 2011	GB1117606.2	GB2490976	21 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB02	Granted	12 Oct 2011	19 May 2011	GB1206423.4	GB2490995	21 Nov 2012	GB2490985	15 May 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	TW01	Filed	16 May 2012	19 May 2011	TW101117329	TW201249116	1 Dec 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	US01	Granted	12 Oct 2011	19 May 2011	US13/271630	US20120293265	22 Nov 2012	US8514021	20 Aug 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052499	WO2012156946	22 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115212	Family	Filed	12 Sep 2011	12 Sep 2011						Signaling method for joint controlled and non-controlled buffer status reporting
RM115212	GB01	Filed	12 Sep 2011	12 Sep 2011	GB1115699.9	GB2494633	20 Mar 2013			Signaling method for joint controlled and non-controlled buffer status reporting
RM115212	US01	Filed	12 Sep 2011	12 Sep 2011	US13/199909	US20130064103	14 Mar 2013			Signaling method for joint controlled and non-controlled buffer status reporting
RM115213	Family	Filed	2 Sep 2011	2 Sep 2011						Signal Reusing LNA
RM115213	GB01	Granted	2 Sep 2011	2 Sep 2011	GB1115183.4	GB2486515	20 Jun 2012	GB2486515	14 Nov 2012	Signal Reusing LNA
RM115213	US01	Granted	2 Sep 2011	2 Sep 2011	US13/224430	US20130057350	7 Mar 2013	US8427239	23 Apr 2013	Signal Reusing LNA
RM115213	US02	Granted	20 Jun 2012	2 Sep 2011	US13/528222	US20130057346	7 Mar 2013	US8436684	7 May 2013	Signal Reusing LNA
RM115214	Family	Filed	18 Oct 2011	18 Oct 2011						An efficient data dissemination method for mobile sink in the wireless sensor networks
RM115214	WO01	Filed	18 Oct 2011	18 Oct 2011	PCT/CN2011/080916	WO2013056418	25 Apr 2013			An efficient data dissemination method for mobile sink in the wireless sensor networks
RM115215	Family	Filed	25 Nov 2011	25 Nov 2011						Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115215	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120393.2	GB2497081	5 Jun 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115215	US01	Filed	2 Dec 2011	25 Nov 2011	US13/310096	US20130137475	30 May 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115216	Family	Filed	16 Aug 2011	16 Aug 2011						Method to distribute a common timing reference and activity times in MTC system
RM115216	GB01	POA	26 Mar 2012	16 Aug 2011	GB1114080.3	GB2483752	21 Mar 2012			Method to distribute a common timing reference and activity times in MTC system
RM115216	US01	Filed	16 Aug 2011	16 Aug 2011	US13/210516	US20130044659	21 Feb 2013			Method to distribute a common timing reference and activity times in MTC system
RM115216	US02	Granted	22 Mar 2012	16 Aug 2011	US13/427553	US20130044661	21 Feb 2013	US8437285	7 May 2013	Method to distribute a common timing reference and activity times in MTC system

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115218	Family	Filed	11 Nov 2011	11 Nov 2011						Methods for Discovery Function in Device-to-Device Communication
RM115218	GB01	POA	11 Nov 2011	11 Nov 2011	GB1119512.0	GB2497916	3 Jul 2013			Methods for Discovery Function in Device-to-Device Communication
RM115218	US01	Filed	14 Nov 2011	11 Nov 2011	US13/295282	US20130122893	16 May 2013			Methods for Discovery Function in Device-to-Device Communication
RM115219	Family	Filed	17 Nov 2011	17 Nov 2011						SIP/module parameters download from a server to meet a communication device type approval
RM115219	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119885.0	GB2496651	22 May 2013			SIP/module parameters download from a server to meet a communication device type approval
RM115219	US01	Filed	21 Nov 2011	17 Nov 2011	US13/301195	US20130130634	23 May 2013			SIP/module parameters download from a server to meet a communication device type approval
RM115220	Family	Filed	19 Dec 2011	19 Dec 2011						EUTRAN Support for D2D Discovery Signal Verification
RM115220	GB01	POA	19 Dec 2011	19 Dec 2011	GB1121795.7	GB2497745	26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115220	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330991	US20130160101	20 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115220	WO01	Filed	12 Dec 2012	19 Dec 2011	PCT/IB2012/057243	WO2013093724	27 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115222	Family	Filed	22 Aug 2011	22 Aug 2011						Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	GB01	Granted	22 Aug 2011	22 Aug 2011	GB1114430.0	GB2489291	26 Sep 2012	GB2489291	13 Feb 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US01	Filed	22 Aug 2011	22 Aug 2011	US13/214528	US20130053033	28 Feb 2013			Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US02	Granted	20 Jul 2012	22 Aug 2011	US13/554764	US20130053037	28 Feb 2013	US8385919	26 Feb 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US03	Granted	23 Jan 2013	22 Aug 2011	US13/748130	US20130130692	23 May 2013	US8467790	18 Jun 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	WO01	Filed	22 Aug 2011	22 Aug 2011	PCT/IB2012/054242	WO2013027183	28 Feb 2013			Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115223	Family	Filed	10 Aug 2011	10 Aug 2011						Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115223	WO01	POA	10 Aug 2011	10 Aug 2011	PCT/CN2011/078206	WO2013020279	14 Feb 2013			Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115226	Family	Filed	3 Aug 2011	3 Aug 2011						Enhanced Interference Coordination for Paging
RM115226	GB01	POA	14 Dec 2011	3 Aug 2011	GB1113382.4	GB2488848	12 Sep 2012			Enhanced Interference Coordination for Paging
RM115226	US01	Filed	3 Aug 2011	3 Aug 2011	US13/197642	US20130034051	7 Feb 2013			Enhanced Interference Coordination for Paging
RM115226	WO01	Filed	1 Aug 2012	3 Aug 2011	PCT/IB2012/053924	WO2013018037	7 Feb 2013			Enhanced Interference Coordination for Paging
RM115227	Family	Filed	28 Oct 2011	28 Oct 2011						Multiple SIM ? mapping of SIMs to baseband capability
RM115227	GB01	Filed	28 Oct 2011	28 Oct 2011	GB1118681.4	GB2495985	1 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115227	US01	Granted	31 Oct 2011	28 Oct 2011	US13/285925	US20130109436	2 May 2013	US8527006	3 Sep 2013	Multiple SIM ? mapping of SIMs to baseband capability
RM115227	US02	Filed	28 Aug 2013	28 Oct 2011	US14/013373					Multiple SIM ? mapping of SIMs to baseband capability
RM115227	WO01	Filed	25 Oct 2012	28 Oct 2011	PCT/IB2012/055886	WO2013061275	2 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115230	Family	Filed	27 Sep 2011	27 Sep 2011						Cellular Assisted Intelligent Transport System
RM115230	GB01	Filed	27 Sep 2011	27 Sep 2011	GB1116640.2	GB2496836	29 May 2013			Cellular Assisted Intelligent Transport System
RM115230	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246462	US20130079040	28 Mar 2013			Cellular Assisted Intelligent Transport System
RM115230	WO01	Filed	27 Sep 2012	27 Sep 2011	PCT/IB2012/055167	WO2013046154	4 Apr 2013			Cellular Assisted Intelligent Transport System
RM115231	Family	Filed	20 Sep 2011	20 Sep 2011						Enhanced MAC padding for small packet transmission
RM115231	WO01	Filed	20 Sep 2011	20 Sep 2011	PCT/CN2011/079864	WO2013040752	28 Mar 2013			Enhanced MAC padding for small packet transmission
RM115232	Family	Filed	9 Sep 2011	9 Sep 2011						Mechanisms to enable pre-scheduling in flexible TDD system
RM115232	WO01	POA	9 Sep 2011	9 Sep 2011	PCT/CN2011/079547	WO2013033918	14 Mar 2013			Mechanisms to enable pre-scheduling in flexible TDD system
RM115234	Family	Filed	8 Nov 2011	8 Nov 2011						Transmission format for D2D communication
RM115234	WO01	Filed	8 Nov 2011	8 Nov 2011	PCT/CN2011/081933	WO2013067686	16 May 2013			Transmission format for D2D communication
RM115235	Family	Filed	31 Aug 2011	31 Aug 2011						Signaling reduction and triggering of offline MTC terminals
RM115235	GB01	Granted	30 Mar 2012	31 Aug 2011	GB1114986.1	GB2486753	27 Jun 2012	GB2486753	4 Sep 2013	Signaling reduction and triggering of offline MTC terminals
RM115235	US01	Granted	31 Aug 2011	31 Aug 2011	US13/222320	US8244244	14 Aug 2012	US8244244	14 Aug 2012	Signaling reduction and triggering of offline MTC terminals
RM115235	WO01	Filed	29 Aug 2012	31 Aug 2011	PCT/IB2012/054441	WO2013030774	7 Mar 2013			Signaling reduction and triggering of offline MTC terminals
RM115236	Family	Filed	13 Oct 2011	13 Oct 2011						Signaling optimization for deploying LTE system in White Space.
RM115236	WO01	POA	13 Oct 2011	13 Oct 2011	PCT/CN2011/080752	WO2013053125	18 Apr 2013			Signaling optimization for deploying LTE system in White Space.
RM115237	Family	Filed	9 Nov 2011	9 Nov 2011						An effective method to enable simultaneous transmission of PRACH and PUCCH
RM115237	WO01	POA	9 Nov 2011	9 Nov 2011	PCT/CN2011/081998	WO2013067695	16 May 2013			An effective method to enable simultaneous transmission of PRACH and PUCCH
RM115238	Family	Filed	9 Nov 2011	9 Nov 2011						Effective solution of handling PUCCH and PRACH collision
RM115238	WO01	POA	9 Nov 2011	9 Nov 2011	PCT/CN2011/081990	WO2013067693	16 May 2013			Effective solution of handling PUCCH and PRACH collision
RM115239	Family	Filed	15 Aug 2011	15 Aug 2011						Method of E-DCH power control for uplink inter-cell interference control
RM115239	GB01	Filed	15 Aug 2011	15 Aug 2011	GB1114024.1					Method of E-DCH power control for uplink inter-cell interference control
RM115239	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210180	US20130045771	21 Feb 2013			Method of E-DCH power control for uplink inter-cell interference control
RM115240	Family	Filed	3 Nov 2011	3 Nov 2011						An Efficient way of using Physical Control channel for small data transmission

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115240	WO01	Filed	3 Nov 2011	3 Nov 2011	PCT/CN2011/081720	WO2013063780	10 May 2013			An Efficient way of using Physical Control channel for small data transmission
RM115241	Family	Filed	15 Aug 2011	15 Aug 2011						Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	GB01	POA	21 Dec 2011	15 Aug 2011	GB1114030.8	GB2493725	20 Feb 2013	GB2493725	2 Oct 2013	Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209945	US20130045693	21 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054152	WO2013024442	21 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115242	Family	Filed	16 Sep 2011	16 Sep 2011						Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115242	GB01	POA	21 Feb 2012	16 Sep 2011	GB1116077.7	GB2494692	20 Mar 2013			Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115242	US01	Filed	16 Sep 2011	16 Sep 2011	US13/234240	US20130072106	21 Mar 2013			Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115243	Family	Filed	17 Nov 2011	17 Nov 2011						Reference signal design for downlink tracking in occupied shared band
RM115243	WO01	POA	17 Nov 2011	17 Nov 2011	PCT/CN2011/082361	WO2013071506	23 May 2013			Reference signal design for downlink tracking in occupied shared band
RM115244	Family	Filed	15 Aug 2011	15 Aug 2011						Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	GB01	Filed	15 Aug 2011	15 Aug 2011	GB1114029.0	GB2493724	20 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210201	US20130045741	21 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054153	WO2013024443	21 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115245	Family	Filed	3 Nov 2011	3 Nov 2011						LTE Protocol Architecture for Intelligent Transport System
RM115245	GB01	Filed	3 Nov 2011	3 Nov 2011	GB1119004.8	GB2496165	8 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289544	US20130115954	9 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	WO01	Filed	2 Nov 2012	3 Nov 2011	PCT/IB2012/056121	WO2013065022	10 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115249	Family	Filed	15 Dec 2011	15 Dec 2011						Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115249	IN01	Filed	15 Dec 2011	15 Dec 2011	IN3538/MUM/2011	IN03538MU2011	28 Jun 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115250	Family	Filed	15 Nov 2011	15 Nov 2011						Carrier set based spectrum sharing adaptation method
RM115250	WO01	Filed	15 Nov 2011	15 Nov 2011	PCT/CN2011/082227	WO2013071488	23 May 2013			Carrier set based spectrum sharing adaptation method
RM115251	Family	Filed	23 Dec 2011	23 Dec 2011						A Novel Transparent D2D communication scheme in CA scenario
RM115251	WO01	Filed	23 Dec 2011	23 Dec 2011	PCT/CN2011/084510	WO2013091229	27 Jun 2013			A Novel Transparent D2D communication scheme in CA scenario
RM115252	Family	Filed	2 Oct 2011	2 Oct 2011						Discovery signal design for D2D operation and OTAC between eNBs
RM115252	WO01	Filed	2 Oct 2011	2 Oct 2011	PCT/CN2011/080511	WO2013049959	11 Apr 2013			Discovery signal design for D2D operation and OTAC between eNBs
RM115253	Family	Filed	20 Oct 2011	20 Oct 2011						Method for inter-cell cross link interference avoidance in flexible TDD systems
RM115253	WO01	Filed	20 Oct 2011	20 Oct 2011	PCT/CN2011/081018	WO2013056445	25 Apr 2013			Method for inter-cell cross link interference avoidance in flexible TDD systems
RM115254	Family	Filed	15 Aug 2011	15 Aug 2011						Coordination of DRX and eICIC
RM115254	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209624	US20130045770	21 Feb 2013			Coordination of DRX and eICIC
RM115254	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054158	WO2013024445	21 Feb 2013			Coordination of DRX and eICIC
RM115255	Family	Filed	26 Oct 2011	26 Oct 2011						Flexible Radio Link Measurement on unlicensed band
RM115255	WO01	Filed	26 Oct 2011	26 Oct 2011	PCT/CN2011/081319	WO2013059999	2 May 2013			Flexible Radio Link Measurement on unlicensed band
RM115256	Family	Filed	28 Oct 2011	28 Oct 2011						Effectively Pathloss offset calculation scheme for FDD-LTE system
RM115256	WO01	POA	28 Oct 2011	28 Oct 2011	PCT/CN2011/081483	WO2013060016	2 May 2013			Effectively Pathloss offset calculation scheme for FDD-LTE system
RM115257	Family	Filed	15 Nov 2011	15 Nov 2011						Method for fast return to original PLMN/RAT after CSFB call
RM115257	GB01	Filed	15 Nov 2011	15 Nov 2011	GB1119708.4	GB2496611	22 May 2013			Method for fast return to original PLMN/RAT after CSFB call
RM115257	US01	Granted	17 Nov 2011	15 Nov 2011	US13/298826			US8412190	2 Apr 2013	Method for fast return to original PLMN/RAT after CSFB call
RM115258	Family	Filed	12 Oct 2011	19 May 2011						Amplifier
RM115258	GB01	POA	12 Oct 2011	19 May 2011	GB1117607.0	GB2490977	21 Nov 2012			Amplifier
RM115258	US01	Granted	12 Oct 2011	19 May 2011	US13/271566	US8264282	11 Sep 2012	US8264282	11 Sep 2012	Amplifier
RM115258	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052500	WO2012156947	22 Nov 2012			Amplifier
RM115259	Family	Filed	1 Nov 2011	1 Nov 2011						Adaptive A-MPR in inter-band carrier aggregation
RM115259	GB01	POA	1 Nov 2011	1 Nov 2011	GB1118847.1	GB2496138	8 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	US01	Filed	3 Nov 2011	1 Nov 2011	US13/288270	US20130115997	9 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	WO01	Filed	30 Oct 2012	1 Nov 2011	PCT/IB2012/056025	WO2013064980	10 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115260	Family	Filed	25 Oct 2011	25 Oct 2011						Resilient forwarding mechanism in smart grid
RM115260	WO01	Filed	25 Oct 2011	25 Oct 2011	PCT/CN2011/081293	WO2013059992	2 May 2013			Resilient forwarding mechanism in smart grid
RM115261	Family	Filed	29 Dec 2011	29 Dec 2011						Effective D2D resource hopping between licensed band and unlicensed band

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115261	WO01	Filed	29 Dec 2011	29 Dec 2011	PCT/CN2011/084916	WO2013097144	4 Jul 2013			Effective D2D resource hopping between licensed band and unlicensed band
RM115262	Family	Filed	12 Dec 2011	12 Dec 2011						Tx/Rx pattern determination for OTAC in LTE-A System
RM115262	WO01	POA	12 Dec 2011	12 Dec 2011	PCT/CN2011/083826	WO2013086672	20 Jun 2013			Tx/Rx pattern determination for OTAC in LTE-A System
RM115263	Family	Filed	12 Oct 2011	19 May 2011						Amplifier
RM115263	GB01	Granted	12 Oct 2011	19 May 2011	GB1117608.8	GB2487998	15 Aug 2012	GB2487998	20 Mar 2013	Amplifier
RM115263	GB02	Filed	12 Oct 2011	19 May 2011	GB1207237.7	GB2493045	23 Jan 2013			Amplifier
RM115263	US01	Granted	12 Oct 2011	19 May 2011	US13/271705	US20120293259	22 Nov 2012	US8432217	30 Apr 2013	Amplifier
RM115263	US02	Granted	24 Jul 2012	19 May 2011	US13/556552			US8294515	23 Oct 2012	Amplifier
RM115264	Family	Filed	1 Dec 2011	1 Dec 2011						Resource sharing for D2D in unlicensed band
RM115264	WO01	Filed	1 Dec 2011	1 Dec 2011	PCT/CN2011/083310	WO2013078663	6 Jun 2013			Resource sharing for D2D in unlicensed band
RM115265	Family	Filed	23 Nov 2011	23 Nov 2011						Novel Fixed-device assisted OTAC
RM115265	WO01	Filed	23 Nov 2011	23 Nov 2011	PCT/CN2011/082701	WO2013075294	30 May 2013			Novel Fixed-device assisted OTAC
RM115266	Family	Filed	20 Oct 2011	20 Oct 2011						Synthesizer locking time improvement
RM115266	GB01	Closed	20 Oct 2011	20 Oct 2011	GB1118128.6					Synthesizer locking time improvement
RM115266	GB02	Filed	12 Oct 2012	20 Oct 2011	GB1218381.0	GB2498241	10 Jul 2013			Synthesizer locking time improvement
RM115266	US01	Filed	20 Oct 2011	20 Oct 2011	US13/277305	US20130099829	25 Apr 2013			Synthesizer locking time improvement
RM115266	WO01	Filed	18 Oct 2012	20 Oct 2011	PCT/IB2012/055697	WO2013057691	25 Apr 2013			Synthesizer locking time improvement
RM115268	Family	Filed	24 Oct 2011	24 Oct 2011						Cooperative way for DL-UL TDD configuration determination.
RM115268	WO01	POA	24 Oct 2011	24 Oct 2011	PCT/CN2011/081174	WO2013059978	2 May 2013			Cooperative way for DL-UL TDD configuration determination.
RM115269	Family	Filed	16 Dec 2011	16 Dec 2011						On Resource Allocation of D2D Specific Signals in Future LTE Networks
RM115269	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121711.4	GB2497589	19 Jun 2013			On Resource Allocation of D2D Specific Signals in Future LTE Networks
RM115269	US01	Filed	19 Dec 2011	16 Dec 2011	US13/329521	US20130155962	20 Jun 2013			On Resource Allocation of D2D Specific Signals in Future LTE Networks
RM115270	Family	Filed	27 Sep 2011	27 Sep 2011						New network registration method for devices supporting eCall and PSAP callback.
RM115270	GB01	Granted	27 Sep 2011	27 Sep 2011	GB1116626.7	GB2486518	20 Jun 2012	GB2486518	2 Jan 2013	New network registration method for devices supporting eCall and PSAP callback.
RM115270	US01	Filed	27 Sep 2011	27 Sep 2011	US13/245959	US20130078941	28 Mar 2013			New network registration method for devices supporting eCall and PSAP callback.
RM115270	WO01	Filed	25 Sep 2012	27 Sep 2011	PCT/IB2012/055104	WO2013046124	4 Apr 2013			New network registration method for devices supporting eCall and PSAP callback.
RM115271	Family	Filed	27 Dec 2011	27 Dec 2011						Efficient multipath delay estimation and associated path search procedure for mobile communication terminal
RM115271	WO01	POA	27 Dec 2011	27 Dec 2011	PCT/IB2011/003318	WO2013098581	4 Jul 2013			Efficient multipath delay estimation and associated path search procedure for mobile communication terminal
RM115272	Family	Filed	4 Nov 2011	4 Nov 2011						Triggering CSI Report via Downlink Grant
RM115272	WO01	POA	4 Nov 2011	4 Nov 2011	PCT/CN2011/081822	WO2013063802	10 May 2013			Triggering CSI Report via Downlink Grant
RM115274	Family	Filed	27 Sep 2011	27 Sep 2011						Methods of smart inter-frequency band mobility
RM115274	GB01	Granted	27 Sep 2011	27 Sep 2011	GB1116642.8	GB2484783	25 Apr 2012	GB2484783	10 Oct 2012	Methods of smart inter-frequency band mobility
RM115274	US01	Closed	27 Sep 2011	27 Sep 2011	US13/246285	US20130078989	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	US02	Granted	7 May 2012	27 Sep 2011	US13/472611	US20130079012	28 Mar 2013	US8437754	7 May 2013	Methods of smart inter-frequency band mobility
RM115274	US03	Filed	25 Apr 2013	27 Sep 2011	US13/870043	US20130079012	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	WO02	Filed	25 Sep 2012	27 Sep 2011	PCT/IB2012/055103	WO2013046123	4 Apr 2013			Methods of smart inter-frequency band mobility
RM115275	Family	Filed	27 Sep 2011	27 Sep 2011						Method for Access Barring and Access Delay Scaling during RAN Overload
RM115275	GB01	Filed	27 Sep 2011	27 Sep 2011	GB1116624.6	GB2485271	10 Apr 2013			Method for Access Barring and Access Delay Scaling during RAN Overload
RM115275	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246358	US20130078999	28 Mar 2013			Method for Access Barring and Access Delay Scaling during RAN Overload
RM115276	Family	Filed	9 Mar 2012	9 Mar 2012						Receiver analog baseband filter with transfered impedance stage
RM115276	GB01	Granted	9 Mar 2012	9 Mar 2012	GB1204234.7	GB2491223	28 Nov 2012	GB2491223	7 Aug 2013	Receiver analog baseband filter with transfered impedance stage
RM115276	US01	Filed	26 Feb 2013	9 Mar 2012	US13/777601	US20130235959	12 Sep 2013			Receiver analog baseband filter with transfered impedance stage
RM115277	Family	Filed	5 Jan 2012	5 Jan 2012						The centralized control of the coexistence of multiple LTE networks/operators
RM115277	GB01	Filed	5 Jan 2012	5 Jan 2012	GB1200126.9	GB2498924	7 Aug 2013			The centralized control of the coexistence of multiple LTE networks/operators
RM115277	US01	Filed	9 Jan 2012	5 Jan 2012	US13/346015	US20130178225	11 Jul 2013			The centralized control of the coexistence of multiple LTE networks/operators
RM115278	Family	Filed	9 Jan 2012	9 Jan 2012						On Resource Allocation of Downlink D2D Specific Control Channels
RM115278	GB01	Filed	9 Jan 2012	9 Jan 2012	GB1200276.2	GB2498221	10 Jul 2013			On Resource Allocation of Downlink D2D Specific Control Channels
RM115278	US01	Filed	10 Jan 2012	9 Jan 2012	US13/346889	US20130176950	11 Jul 2013			On Resource Allocation of Downlink D2D Specific Control Channels
RM115282	Family	Filed	27 Dec 2011	27 Dec 2011						An efficient and robust method to compute a WCDMA delay profile
RM115282	WO01	Filed	27 Dec 2011	27 Dec 2011	PCT/IB2011/003317	WO2013098580	4 Jul 2013			An efficient and robust method to compute a WCDMA delay profile
RM115283	Family	Filed	25 Nov 2011	25 Nov 2011						Use profiling for automating feature control on battery limited devices

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115283	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120397.3	GB2497082	5 Jun 2013			Use profiling for automating feature control on battery limited devices
RM115283	US01	Filed	26 Nov 2011	25 Nov 2011	US13/305336	US20130138983	30 May 2013			Use profiling for automating feature control on battery limited devices
RM115284	Family	Filed	3 Oct 2011	3 Oct 2011						Method of prioritizing RATs for measurement
RM115284	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116979.4	GB2492183	26 Dec 2012			Method of prioritizing RATs for measurement
RM115284	US01	Closed	3 Oct 2011	3 Oct 2011	US13/251363	US20130084850	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US02	POA	15 Jun 2012	3 Oct 2011	US13/524251	US20130084866	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US03	Filed	30 Aug 2013	3 Oct 2011	US14/014959					Method of prioritizing RATs for measurement
RM115284	WO01	Filed	3 Oct 2012	3 Oct 2011	PCT/IB2012/055310	WO2013050949	11 Apr 2013			Method of prioritizing RATs for measurement
RM115285	Family	Filed	3 Oct 2011	3 Oct 2011						Method of signaling hidden common E-DCH resources
RM115285	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116974.5	GB2496097	8 May 2013			Method of signaling hidden common E-DCH resources
RM115285	US01	Granted	3 Oct 2011	3 Oct 2011	US13/251685	US20130084677	4 Apr 2013	US8447316	21 May 2013	Method of signaling hidden common E-DCH resources
RM115286	Family	Filed	3 Oct 2011	3 Oct 2011						Method of switching common E-DCH TTI
RM115286	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116975.2	GB2495473	17 Apr 2013			Method of switching common E-DCH TTI
RM115286	US01	Filed	3 Oct 2011	3 Oct 2011	US13/251376	US20130083738	4 Apr 2013			Method of switching common E-DCH TTI
RM115287	Family	Filed	26 Sep 2012	26 Sep 2012						Resampler rate adaptation using blocker detection
RM115287	WO01	Filed	26 Sep 2012	26 Sep 2012	PCT/IB2012/002221					Resampler rate adaptation using blocker detection
RM115290	Family	Filed	5 Apr 2012	5 Apr 2012						LTE device dynamically access the ISM band with WLAN channel traffic statistics assisting
RM115290	WO01	Filed	5 Apr 2012	5 Apr 2012	PCT/CN2012/073551					LTE device dynamically access the ISM band with WLAN channel traffic statistics assisting
RM115292	Family	Filed	21 Dec 2011	21 Dec 2011						Flexible spectrum usage for proximity communication
RM115292	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122056.3	GB2497794	26 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	US01	Filed	22 Dec 2011	21 Dec 2011	US13/334409	US20130163555	27 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	WO01	Filed	21 Dec 2012	21 Dec 2011	PCT/IB2012/057479	WO2013093799	27 Jun 2013			Flexible spectrum usage for proximity communication
RM115293	Family	Filed	17 Oct 2011	17 Oct 2011						Network sharing in GERAN
RM115293	GB01	POA	8 Oct 2012	17 Oct 2011	GB1218081.4	GB2496946	29 May 2013			Network sharing in GERAN
RM115293	GB02	POA	8 Oct 2012	17 Oct 2011	GB1301680.5	GB2497872	26 Jun 2013			Network sharing in GERAN
RM115293	GB03	Filed	8 Oct 2012	17 Oct 2011	GB1305166.8	GB2497894	26 Jun 2013			Network sharing in GERAN
RM115293	IN01	Filed	17 Oct 2011	17 Oct 2011	IN2903/MUM/2011	IN02903MU2011	19 Apr 2013			Network sharing in GERAN
RM115293	US01	Filed	29 Apr 2013	17 Oct 2011	US13/872817	US20130235795	12 Sep 2013			Network sharing in GERAN
RM115293	WO01	Filed	22 Dec 2011	17 Oct 2011	PCT/IB2011/003120	WO2013057536	25 Apr 2013			Network sharing in GERAN
RM115294	Family	Filed	31 Oct 2011	31 Oct 2011						In-device interference autonomous denial indication design
RM115294	WO01	POA	31 Oct 2011	31 Oct 2011	PCT/CN2011/081659	WO2013063742	10 May 2013			In-device interference autonomous denial indication design
RM115296	Family	Filed	30 Sep 2011	30 Sep 2011						Methods of too frequent RAB establishment avoidance
RM115296	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116919.0	GB2495142	3 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115296	US01	Filed	30 Sep 2011	30 Sep 2011	US13/249415	US20130083646	4 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115297	Family	Filed	9 Mar 2012	9 Mar 2012						Baseband transferred impedance notch filter with variable number of phases
RM115297	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204179.4	GB2500057	11 Sep 2013			Baseband transferred impedance notch filter with variable number of phases
RM115297	US01	Closed		9 Mar 2012						Baseband transferred impedance notch filter with variable number of phases
RM115299	Family	Filed	20 Dec 2011	20 Dec 2011						Multiple SIM ? Single modem resource sharing
RM115299	GB01	Granted	20 Dec 2011	20 Dec 2011	GB1121894.8	GB2487275	18 Jul 2012	GB2487275	2 Jan 2013	Multiple SIM ? Single modem resource sharing
RM115299	US01	Filed	29 Feb 2012	20 Dec 2011	US13/408186	US20130156081	20 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115299	WO01	Filed	18 Dec 2012	20 Dec 2011	PCT/IB2012/057433	WO2013093777	27 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115300	Family	Filed	7 Dec 2011	7 Dec 2011						Signaling to avoid inter-cell cross link interference in TDD
RM115300	WO01	Filed	7 Dec 2011	7 Dec 2011	PCT/CN2011/083660	WO2013056494	25 Apr 2013			Signaling to avoid inter-cell cross link interference in TDD
RM115301	Family	Filed	2 Feb 2012	40941						Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	GB01	POA	2 Feb 2012	2 Feb 2012	GB1201831.3	GB2499003	7 Aug 2013			Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	WO01	Filed	31 Jan 2013	2 Feb 2012	PCT/IB2013/050835	WO2013114317	8 Aug 2013			Means to handle over-the-air (OTA) modem baseband firmware updates
RM115302	Family	Filed	16 Dec 2011	16 Dec 2011						Resource utilization method for future LTE networks
RM115302	GB01	POA	16 Dec 2011	16 Dec 2011	GB1121665.2	GB2497734	26 Jun 2013			Resource utilization method for future LTE networks
RM115302	US01	Filed	20 Dec 2011	16 Dec 2011	US13/331225	US20130157669	20 Jun 2013			Resource utilization method for future LTE networks
RM115302	WO01	Filed	13 Dec 2012	16 Dec 2011	PCT/IB2012/057263	WO2013088383	20 Jun 2013			Resource utilization method for future LTE networks
RM115303	Family	Filed	4 Nov 2011	4 Nov 2011						A mechanism to reduce signalling for MTC devices
RM115303	GB01	Filed	4 Nov 2011	4 Nov 2011	GB1119097.2	GB2496179	8 May 2013			A mechanism to reduce signalling for MTC devices
RM115303	US01	Filed	8 Nov 2011	4 Nov 2011	US13/291339	US20130115893	9 May 2013			A mechanism to reduce signalling for MTC devices
RM115303	WO01	Filed	2 Nov 2012	4 Nov 2011	PCT/IB2012/056127	WO2013065027	10 May 2013			A mechanism to reduce signalling for MTC devices
RM115304	Family	Filed	26 Jan 2012	26 Jan 2012						The coexistence of LTE and WLAN on WLAN band through Network Management level coordination
RM115304	GB01	Filed	26 Jan 2012	26 Jan 2012	GB1201280.3	GB2498749	31 Jul 2013			The coexistence of LTE and WLAN on WLAN band through Network Management level coordination

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115304	US01	InDrafting		26 Jan 2012						The coexistence of LTE and WLAN on WLAN band through Network Management level coordination
RM115305	Family	Filed	18 Jan 2012	18 Jan 2012						A distributed sensing and contending mechanism for LTE D2D pairs on shared ISM band
RM115305	WO01	POA	18 Jan 2012	18 Jan 2012	PCT/CN2012/070521	WO2013107004	25 Jul 2013			A distributed sensing and contending mechanism for LTE D2D pairs on shared ISM band
RM115306	Family	Closed	14 Oct 2011	14 Oct 2011						Dedicated pilot spreading code allocation for HSDPA MIMO system
RM115306	US01	Closed	14 Oct 2011	14 Oct 2011	US61/547411					Dedicated pilot spreading code allocation for HSDPA MIMO system
RM115307	Family	Filed	17 Nov 2011	17 Nov 2011						A radio receiver for the reception of non-contiguous carriers
RM115307	GB01	Closed	17 Nov 2011	17 Nov 2011	GB1119887.6					A radio receiver for the reception of non-contiguous carriers
RM115307	GB02	POA	1 Nov 2012	17 Nov 2011	GB1219526.7	GB2496502	15 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	US01	Filed	18 Nov 2011	17 Nov 2011	US13/299880	US20130129024	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	US02	Filed	18 Nov 2011	17 Nov 2011	US13/677866	US20130130637	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	WO01	Filed	15 Nov 2012	17 Nov 2011	PCT/IB2012/056441	WO2013072865	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115308	Family	Filed	16 Apr 2012	16 Apr 2012						Incognizant hotspot-node duplication and replacement in WSN by Cellular Ues
RM115308	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074098					Incognizant hotspot-node duplication and replacement in WSN by Cellular Ues
RM115309	Family	Filed	17 Nov 2011	17 Nov 2011						On D2D discovery signal design
RM115309	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119880.1	GB2496648	22 May 2013			On D2D discovery signal design
RM115309	US01	Filed	30 Nov 2011	17 Nov 2011	US13/307895	US20130130727	23 May 2013			On D2D discovery signal design
RM115309	WO01	Filed	16 Nov 2012	17 Nov 2011	PCT/IB2012/056481	WO2013072880	27 May 2013			On D2D discovery signal design
RM115310	Family	Filed	10 Nov 2011	10 Nov 2011						CSG ID assisted load and admission control
RM115310	GB01	Filed	10 Nov 2011	10 Nov 2011	GB1119428.9	GB2493574	13 Feb 2013			CSG ID assisted load and admission control
RM115310	US01	Filed	11 Nov 2011	10 Nov 2011	US13/294512	US20130122901	16 May 2013			CSG ID assisted load and admission control
RM115310	WO01	Filed	12 Nov 2012	10 Nov 2011	PCT/IB2012/056358	WO2013069000	16 May 2013			CSG ID assisted load and admission control
RM115311	Family	Filed	4 Nov 2011	4 Nov 2011						LTE synchronization mechanisms on un-licensed band
RM115311	WO01	POA	4 Nov 2011	4 Nov 2011	PCT/CN2011/081833	WO2013063808	10 May 2013			LTE synchronization mechanisms on un-licensed band
RM115312	Family	Filed	19 Dec 2011	19 Dec 2011						Device to device discovery Scheme using Cellular Oriented Mechanisms And sigNaling
RM115312	GB01	POA	19 Dec 2011	19 Dec 2011	GB1121823.7	GB2497752	26 Jun 2013			Device to device discovery Scheme using Cellular Oriented Mechanisms And sigNaling
RM115312	US01	Filed	22 Dec 2011	19 Dec 2011	US13/334533	US20130157670	20 Jun 2013			Device to device discovery Scheme using Cellular Oriented Mechanisms And sigNaling
RM115313	Family	Filed	21 Dec 2011	21 Dec 2011						Scc Sensing Configuration
RM115313	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122003.5	GB2497780	26 Jun 2013			Scc Sensing Configuration
RM115313	US01	Filed	22 Dec 2011	21 Dec 2011	US13/335488	US20130163447	27 Jun 2013			Scc Sensing Configuration
RM115315	Family	Filed	9 Jan 2012	9 Jan 2012						TDD system TX to RX local leakage isolation arrangements
RM115315	GB01	POA	9 Jan 2012	9 Jan 2012	GB1200229.1	GB2498212	10 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	GB02	POA	9 Jan 2012	9 Jan 2012	GB1219203.5	GB2492516	2 Jan 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US01	Filed	10 Jan 2012	9 Jan 2012	US13/347164	US20130176913	11 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US02	Filed	27 Mar 2013	9 Jan 2012	US13/851244	US20130208636	15 Aug 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	WO01	POA	8 Jan 2013	9 Jan 2012	PCT/IB2013/050157	WO2013105020	18 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115316	Family	Filed	17 Nov 2011	17 Nov 2011						A radio receiver for the reception of non-contiguous carriers
RM115316	GB01	Closed	17 Nov 2011	17 Nov 2011	GB1119888.4					A radio receiver for the reception of non-contiguous carriers
RM115316	GB02	Filed	5 Sep 2012	17 Nov 2011	GB1215802.8	GB2492495	2 Jan 2013			A radio receiver for the reception of non-contiguous carriers
RM115316	US01	Granted	18 Nov 2011	17 Nov 2011	US13/300004	US20130130636	23 May 2013	US8442473	14 May 2013	A radio receiver for the reception of non-contiguous carriers
RM115316	US02	Granted	15 Nov 2012	17 Nov 2011	US13/677776	US20130130635	23 May 2013	US8483647	9 Jul 2013	A radio receiver for the reception of non-contiguous carriers
RM115316	WO01	Filed	15 Nov 2012	17 Nov 2011	PCT/IB2012/056440	WO2013072864	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115317	Family	Filed	20 Feb 2012	20 Feb 2012						Transmission Power Management in Shared Band Operation
RM115317	GB01	Filed	20 Feb 2012	20 Feb 2012	GB1202796.7	GB2499445	21 Aug 2013			Transmission Power Management in Shared Band Operation
RM115318	Family	Filed	14 Nov 2011	14 Nov 2011						Separating CSI measurement trigger from the CSI reporting trigger
RM115318	GB01	Filed	14 Nov 2011	14 Nov 2011	GB1119619.3	GB2496451	15 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115318	US01	Filed	16 Nov 2011	14 Nov 2011	US13/297508	US20130121174	16 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115318	WO01	Filed	12 Nov 2012	14 Nov 2011	PCT/IB2012/056353	WO2013072837	23 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115320	Family	Filed	11 Jan 2012	11 Jan 2012						Bandwidth optimization of shared memory interface between Modem and APE
RM115320	GB01	Filed	11 Jan 2012	11 Jan 2012	GB1200400.8	GB2498359	17 Jul 2013			Bandwidth optimization of shared memory interface between Modem and APE
RM115320	US01	Filed	17 Jan 2012	11 Jan 2012	US13/351389	US20130179527	11 Jul 2013			Bandwidth optimization of shared memory interface between Modem and APE
RM115327	Family	Filed	15 Dec 2011	15 Dec 2011						Central controlled sharing mechanism for coexistence on unlicensed bands

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115327	WO01	POA	15 Dec 2011	15 Dec 2011	PCT/CN2011/002110	WO2013086659	20 Jun 2013			Central controlled sharing mechanism for coexistence on unlicensed bands
RM115328	Family	Filed	9 Dec 2011	9 Dec 2011						Discontinuous Operation in LTE on Shared Band
RM115328	WO01	Filed	9 Dec 2011	9 Dec 2011	PCT/CN2011/083746	WO2013082801	9 Jun 2013			Discontinuous Operation in LTE on Shared Band
RM115331	Family	Filed	24 Nov 2011	24 Nov 2011						Fast PUCCH relocation for LTE in unlicensed band
RM115331	WO01	Filed	24 Nov 2011	24 Nov 2011	PCT/CN2011/082860	WO2013075314	30 May 2013			Fast PUCCH relocation for LTE in unlicensed band
RM115333	Family	Filed	4 Nov 2011	4 Nov 2011						UE-assisted in-device interference handling
RM115333	GB01	Filed	4 Apr 2012	4 Nov 2011	GB1206053.9	GB2496221	8 May 2013			UE-assisted in-device interference handling
RM115333	JS01	Closed	4 Nov 2011	4 Nov 2011	US61/555733					UE-assisted in-device interference handling
RM115334	Family	Filed	29 Feb 2012	29 Feb 2012						METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	GB01	Granted	29 Feb 2012	29 Feb 2012	GB1203570.5	GB2491222	28 Nov 2012	GB2491222	10 Jul 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	JS01	Granted	14 Nov 2012	29 Feb 2012	US13/676624			US8432866	30 Apr 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115335	Family	Filed	18 Jan 2012	18 Jan 2012						Providing Provision Information via Direct Communication Interface
RM115335	GB01	Filed	18 Jan 2012	18 Jan 2012	GB1200772.0	GB2498531	24 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	JS01	Filed	24 Jan 2012	18 Jan 2012	US13/357140	US20130183932	18 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	WO01	Filed	18 Jan 2012	18 Jan 2012	PCT/IB2013/050489	WO2013108232	25 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115338	Family	Filed	25 Jan 2012	25 Jan 2012						An access method for dynamic contention window adaptation in CSMA type channels
RM115338	GB01	Filed	25 Jan 2012	25 Jan 2012	GB1201216.7	GB2498930	7 Aug 2013			An access method for dynamic contention window adaptation in CSMA type channels
RM115338	JS01	Filed	25 Jan 2012	25 Jan 2012	US13/358174	US20130188479	25 Jul 2013			An access method for dynamic contention window adaptation in CSMA type channels
RM115339	Family	Filed	8 Mar 2012	8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115339	JS01	Closed		8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115339	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072097	WO2013131268	12 Sep 2013			PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115340	Family	Filed	7 Nov 2011	7 Nov 2011						Enhanced SR transmission to improve resource efficiency for MTC operation
RM115340	WO01	Filed	7 Nov 2011	7 Nov 2011	PCT/CN2011/081884	WO2013067677	16 May 2013			Enhanced SR transmission to improve resource efficiency for MTC operation
RM115341	Family	Filed	13 Jan 2012	13 Jan 2012						TXOP adaptation for fairness provision
RM115341	GB01	POA	13 Jan 2012	13 Jan 2012	GB1200562.5	GB2498706	31 Jul 2013			TXOP adaptation for fairness provision
RM115341	JS01	Filed	17 Jan 2012	13 Jan 2012	US13/351537	US20130182610	18 Jul 2013			TXOP adaptation for fairness provision
RM115343	Family	Filed	8 Dec 2011	8 Dec 2011						Improved resource allocation for LTE
RM115343	WO01	Filed	8 Dec 2011	8 Dec 2011	PCT/CN2011/083700	WO2013082784	13 Jun 2013			Improved resource allocation for LTE
RM115344	Family	Filed	7 Nov 2011	7 Nov 2011						New UL Transmissions and UL Grant Designs for LTE to Unlicensed Band
RM115344	WO01	POA	7 Nov 2011	7 Nov 2011	PCT/CN2011/081882	WO2013067675	16 May 2013			New UL Transmissions and UL Grant Designs for LTE to Unlicensed Band
RM115345	Family	Filed	4 Nov 2011	4 Nov 2011						CoMP scheme selection codebook
RM115345	GB01	POA	4 Nov 2011	4 Nov 2011	GB1119082.3	GB2496178	8 May 2013	GB2496178	9 Oct 2013	CoMP scheme selection codebook
RM115345	JS01	Filed	8 Nov 2011	4 Nov 2011	US13/291417	US20130114427	9 May 2013			CoMP scheme selection codebook
RM115346	Family	Filed	21 Mar 2012	21 Mar 2012						Cell carrier activation and deactivation method for Vehicular Communications
RM115346	GB01	POA	21 Mar 2012	21 Mar 2012	GB1204943.3	GB2489113	19 Sep 2012			Cell carrier activation and deactivation method for Vehicular Communications
RM115346	JS01	Filed	27 Mar 2012	21 Mar 2012	US13/431370					Cell carrier activation and deactivation method for Vehicular Communications
RM115347	Family	Filed	14 Dec 2011	14 Dec 2011						Algorithms to reduce power consumption in communication devices
RM115347	GB01	Filed	14 Dec 2011	14 Dec 2011	GB1121433.5	GB2497555	19 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	JS01	Filed	15 Dec 2011	14 Dec 2011	US13/327269	US20130159478	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	WO01	Filed	14 Dec 2012	14 Dec 2011	PCT/IB2012/057330	WO2013088402	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115348	Family	Filed	19 Dec 2011	19 Dec 2011						Signal and procedure to improve device discovery and D2D operation
RM115348	GB01	POA	19 Dec 2011	19 Dec 2011	GB1121759.3	GB2497740	26 Jun 2013			Signal and procedure to improve device discovery and D2D operation
RM115348	JS01	Filed	22 Dec 2011	19 Dec 2011	US13/334485	US20130157656	20 Jun 2013			Signal and procedure to improve device discovery and D2D operation
RM115349	Family	Filed	30 Dec 2011	30 Dec 2011						Apparatus and method of sensor-based high-mobility beamforming
RM115349	WO01	POA	30 Dec 2011	30 Dec 2011	PCT/CN2011/085046	WO2013097187	4 Jul 2013			Apparatus and method of sensor-based high-mobility beamforming
RM115351	Family	Filed	29 Nov 2011	29 Nov 2011						Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	GB01	Granted	29 Nov 2011	29 Nov 2011	GB1120537.4	GB2489545	3 Oct 2012	GB2489545	29 May 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115351	US01	Granted	30 Nov 2011	29 Nov 2011	US13/307386	US20130136114	30 May 2013	US8477752	2 Jul 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US02	Filed	20 Jun 2013	29 Nov 2011	US13/922852					Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	WO01	Filed	27 Nov 2012	29 Nov 2011	PCT/IB2012/056760	WO2013080125	6 Jun 2013			Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115353	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA measurement accuracy improvement
RM115353	GB01	Granted	22 Dec 2011	22 Dec 2011	GB1122203.1	GB2491218	28 Nov 2012	GB2491218	26 Jun 2013	LTE OTDOA measurement accuracy improvement
RM115353	US01	Filed	3 Jan 2012	22 Dec 2011	US13/342329	US20130162470	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115353	WO01	Filed	19 Dec 2012	22 Dec 2011	PCT/IB2012/002740	WO2013093593	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115356	Family	Filed	7 Mar 2012	7 Mar 2012						Fast DL CC broken determination and recovery for LTE to unlicensed band
RM115356	WO01	Filed	7 Mar 2012	7 Mar 2012	PCT/CN2012/072062	WO2013131258	12 Sep 2013			Fast DL CC broken determination and recovery for LTE to unlicensed band
RM115357	Family	Filed	24 Nov 2011	24 Nov 2011						Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	GB01	Closed	24 Nov 2011	24 Nov 2011	GB1120328.8					Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	GB02	Filed	24 Jan 2012	24 Nov 2011	GB1201153.2	GB2496925	29 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	US01	Filed	26 Jan 2012	24 Nov 2011	US13/359092	US20130136196	30 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	WO01	Filed	22 Nov 2012	24 Nov 2011	PCT/IB2012/056624	WO2013076679	30 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115358	Family	Filed	20 Dec 2011	20 Dec 2011						A Novel Gateway UE Selection Method for the Missing Sensor Nodes in Sensor Networks
RM115358	WO01	POA	20 Dec 2011	20 Dec 2011	PCT/CN2011/002143	WO2013091135	27 Jun 2013			A Novel Gateway UE Selection Method for the Missing Sensor Nodes in Sensor Networks
RM115359	Family	Filed	7 Nov 2011	7 Nov 2011						Controlling UE assumption of interference
RM115359	GB01	Granted	7 Nov 2011	7 Nov 2011	GB1119208.5	GB2493224	30 Jan 2013	GB2493224	3 Jul 2013	Controlling UE assumption of interference
RM115359	US01	Filed	9 Nov 2011	7 Nov 2011	US13/292205	US20130114430	9 May 2013			Controlling UE assumption of interference
RM115359	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056194	WO2013068924	16 May 2013			Controlling UE assumption of interference
RM115360	Family	Filed	16 Dec 2011	16 Dec 2011						On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121661.1	GB2497579	19 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	GB02	POA	27 Mar 2012	16 Dec 2011	GB1205320.3	GB2497604	19 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	US01	Closed		16 Dec 2011						On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	WO01	POA	14 Dec 2012	16 Dec 2011	PCT/IB2012/057322	WO2013088398	20 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115361	Family	Filed	7 Nov 2011	7 Nov 2011						Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115361	GB01	POA	7 Nov 2011	7 Nov 2011	GB1119190.5	GB2496198	8 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115361	US01	Filed	9 Nov 2011	7 Nov 2011	US13/292367	US20130114431	9 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115362	Family	Filed	7 Nov 2011	7 Nov 2011						Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	GB01	Filed	7 Nov 2011	7 Nov 2011	GB1119153.3	GB2496188	8 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	GB02	Filed	16 Aug 2013	7 Nov 2011	GB1314651.9	GB2496188	8 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291634	US20130114401	9 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056192	WO2013068922	16 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115363	Family	Filed	7 Nov 2011	7 Nov 2011						Method of overriding common E-DCH resource selection
RM115363	GB01	Granted	7 Nov 2011	7 Nov 2011	GB1119133.5	GB2487267	18 Jul 2012	GB2487267	27 Feb 2013	Method of overriding common E-DCH resource selection
RM115363	US01	Granted	8 Nov 2011	7 Nov 2011	US13/291799	US20130114518	9 May 2013	US8432864	30 Apr 2013	Method of overriding common E-DCH resource selection
RM115363	WO01	Filed	7 Nov 2012	7 Nov 2011	PCT/IB2012/056226	WO2013068940	16 May 2013			Method of overriding common E-DCH resource selection
RM115364	Family	Filed	13 Feb 2012	13 Feb 2012						On Full Duplex Capability Indication in Future Cellular Networks
RM115364	GB01	Filed	13 Feb 2012	13 Feb 2012	GB1202451.9	GB2499259	14 Aug 2013			On Full Duplex Capability Indication in Future Cellular Networks
RM115365	Family	Filed	6 Nov 2011	6 Nov 2011						Flexible utilization of blind detection between cell specific search space and UE specific search space

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115365	WO01	Filed	6 Nov 2011	6 Nov 2011	PCT/CN2011/081842	WO2013063812	10 May 2013			Flexible utilization of blind detection between cell specific search space and UE specific search space
RM115366	Family	Filed	7 Nov 2011	7 Nov 2011						Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	GB01	POA	7 Nov 2011	7 Nov 2011	GB1119211.9	GB2496204	8 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291699	US20130114418	9 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056193	WO2013068923	16 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115367	Family	Filed	27 Jan 2012	27 Jan 2012						Resolving UE-RS port ambiguities for E-PDCCH
RM115367	GB01	Filed	27 Jan 2012	27 Jan 2012	GB1201379.3	GB2498767	31 Jul 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115367	US01	Filed	27 Mar 2012	27 Jan 2012	US13/431220	US20130195275	1 Aug 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115367	WO01	Filed	24 Jan 2013	27 Jan 2012	PCT/IB2013/050626	WO2013111092	1 Aug 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115368	Family	Filed	7 Nov 2011	7 Nov 2011						HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	GB01	POA	7 Nov 2011	7 Nov 2011	GB1119204.4	GB2496203	8 May 2013			HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US01	Granted	8 Nov 2011	7 Nov 2011	US13/291653	US20130115946	9 May 2013	US8504030	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US02	Granted	4 Mar 2013	7 Nov 2011	US13/784209	US20130176945	11 Jul 2013	US8504031	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
RM115369	Family	Filed	4 Nov 2011	4 Nov 2011						Method and apparatus for unnecessary retransmission avoidance
RM115369	GB01	POA	4 Nov 2011	4 Nov 2011	GB1119056.8	GB2496171	8 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115369	US01	Filed	7 Nov 2011	4 Nov 2011	US13/290239	US20130114748	9 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115370	Family	Filed	10 Feb 2012	10 Feb 2012						High throughput and area efficient bit processing architecture for HS-PDSCH Transport channel processing in the downlink
RM115370	IN01	Filed	10 Feb 2012	10 Feb 2012	IN384/MUM/2012	IN00384MU2012	16 Aug 2013			High throughput and area efficient bit processing architecture for HS-PDSCH Transport channel processing in the downlink
RM115371	Family	Filed	14 Aug 2012	14 Aug 2012						Direct RF to Digital Converter and receiver
RM115371	GB01	Filed	14 Aug 2012	14 Aug 2012	GB1214513.2					Direct RF to Digital Converter and receiver
RM115371	US01	Filed	14 Aug 2013	14 Aug 2012	US13/966325					Direct RF to Digital Converter and receiver
RM115372	Family	Filed	4 Nov 2011	4 Nov 2011						HARQ Determination for Half Duplex Mode TDD UE with Inter-band CA
RM115372	WO01	Filed	4 Nov 2011	4 Nov 2011	PCT/CN2011/081832	WO2013063807	10 Jun 2013			HARQ Determination for Half Duplex Mode TDD UE with Inter-band CA
RM115373	Family	Filed	14 Nov 2011	14 Nov 2011						Enhancements to LTE CSI feedback reporting modes
RM115373	GB01	POA	14 Nov 2011	14 Nov 2011	GB1119688.8	GB2496458	15 May 2013			Enhancements to LTE CSI feedback reporting modes
RM115373	US01	Filed	18 Nov 2011	14 Nov 2011	US13/299610	US20130121312	16 May 2013			Enhancements to LTE CSI feedback reporting modes
RM115374	Family	Filed	18 Jan 2012	18 Jan 2012						Asymmetric D2D communication
RM115374	GB01	POA	18 Jan 2012	18 Jan 2012	GB1200816.5	GB2498539	24 Jul 2013			Asymmetric D2D communication
RM115374	US01	Filed	25 Jan 2012	18 Jan 2012	US13/357758	US20130184024	18 Jul 2013			Asymmetric D2D communication
RM115375	Family	Filed	21 Mar 2012	21 Mar 2012						Distribution of traffic over separate links in vehicular communications system
RM115375	GB01	POA	21 Mar 2012	21 Mar 2012	GB1204904.5					Distribution of traffic over separate links in vehicular communications system
RM115375	US01	Filed	27 Mar 2012	21 Mar 2012	US13/431323					Distribution of traffic over separate links in vehicular communications system
RM115375	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/IB2013/052262					Distribution of traffic over separate links in vehicular communications system
RM115376	Family	Filed	20 Jan 2012	20 Jan 2012						On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1200971.8	GB2498561	24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363552	US20130188536	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/IB2013/050487	WO2013108231	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115377	Family	Filed	16 Mar 2012	16 Mar 2012						Multi component carrier aggregation CA reception arrangement
RM115377	GB01	POA	16 Mar 2012	16 Mar 2012	GB1204691.8	GB2491430	5 Dec 2012			Multi component carrier aggregation CA reception arrangement
RM115377	US01	Granted	8 Nov 2012	16 Mar 2012	US13/671731			US8416758	9 Apr 2013	Multi component carrier aggregation CA reception arrangement
RM115377	WO01	POA	15 Mar 2013	16 Mar 2012	PCT/IB2013/052075	WO2013136305	19 Sep 2013			Multi component carrier aggregation CA reception arrangement
RM115378	Family	Filed	6 Feb 2012	6 Feb 2012						Control design to support different bandwidth MTC
RM115378	WO01	Filed	6 Feb 2012	6 Feb 2012	PCT/CN2012/070892	WO2013116973	15 Aug 2013			Control design to support different bandwidth MTC
RM115379	Family	Filed	7 Nov 2011	7 Nov 2011						Dynamic methods for supporting a large number of terminals
RM115379	GB01	POA	7 Nov 2011	7 Nov 2011	GB1119210.1	GB2496384	15 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	GB02	Filed	7 Nov 2011	7 Nov 2011	GB1308768.9					Dynamic methods for supporting a large number of terminals
RM115379	US01	Filed	10 Nov 2011	7 Nov 2011	US13/293396	US20130115992	9 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	WO01	POA	6 Nov 2012	7 Nov 2011	PCT/IB2012/056196	WO2013068925	16 May 2013			Dynamic methods for supporting a large number of terminals
RM115380	Family	Filed	27 Jan 2012	27 Jan 2012						On Scheduled Listen-Before-Talk System in Shared Bands
RM115380	GB01	POA	27 Jan 2012	27 Jan 2012	GB1201419.7	GB2498773	31 Jul 2013			On Scheduled Listen-Before-Talk System in Shared Bands
RM115380	WO01	Filed	28 Jan 2013	27 Jan 2012	PCT/IB2013/050653	WO2013111103	1 Aug 2013			On Scheduled Listen-Before-Talk System in Shared Bands
RM115381	Family	Filed	23 Dec 2011	23 Dec 2011						Hardware assisted interrupt handling (Kauno)
RM115381	GB01	Filed	23 Dec 2011	23 Dec 2011	GB1122271.8	GB2497956	3 Jul 2013			Hardware assisted interrupt handling (Kauno)

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115381	US01	Filed	23 Jan 2012	23 Dec 2011	US13/356041	US20130166794	27 Jun 2013			Hardware assisted interrupt handling (Kauno)
RM115382	Family	Filed	20 Jan 2012	20 Jan 2012						On D2D Discovery Resource Allocation
RM115382	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1201007.0	GB2498575	24 Jul 2013			On D2D Discovery Resource Allocation
RM115382	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363644	US20130188546	25 Jul 2013			On D2D Discovery Resource Allocation
RM115382	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/IB2013/050471	WO2013108219	25 Jul 2013			On D2D Discovery Resource Allocation
RM115383	Family	Filed	7 Nov 2011	7 Nov 2011						Method for controlling reporting of CQI hypothesis in CoMP
RM115383	GB01	Filed	7 Nov 2011	7 Nov 2011	GB1119212.7	GB2496205	8 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115383	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291680	US20130114428	9 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115384	Family	Filed	19 Jan 2012	19 Jan 2012						Enhancement for Random Access Procedure
RM115384	GB01	POA	19 Jan 2012	19 Jan 2012	GB1200908.0	GB2498548	24 Jul 2013			Enhancement for Random Access Procedure
RM115385	Family	Filed	19 Jan 2012	19 Jan 2012						Methods for Random Access Procedure
RM115385	GB01	POA	19 Jan 2012	19 Jan 2012	GB1200911.4	GB2498927	7 Aug 2013			Methods for Random Access Procedure
RM115386	Family	Filed	20 Dec 2011	20 Dec 2011						P2P Traffic offloading to D2D
RM115386	GB01	POA	20 Dec 2011	20 Dec 2011	GB1121902.9	GB2496212	8 May 2013			P2P Traffic offloading to D2D
RM115386	US01	Filed	23 Dec 2011	20 Dec 2011	US13/336856	US20130159407	20 Jun 2013			P2P Traffic offloading to D2D
RM115387	Family	Filed	15 Feb 2012	15 Feb 2012						Network assisted D2D Discovery
RM115387	GB01	Filed	15 Feb 2012	15 Feb 2012	GB1202574.8	GB2499411	21 Aug 2013			Network assisted D2D Discovery
RM115388	Family	Filed	21 Dec 2011	21 Dec 2011						Scheduling and automatic user group classification for semi-full-duplex LTE system
RM115388	WO01	POA	21 Dec 2011	21 Dec 2011	PCT/CN2011/084342	WO2013091187	27 Jun 2013			Scheduling and automatic user group classification for semi-full-duplex LTE system
RM115389	Family	Filed	14 Mar 2012	14 Mar 2012						Back-off optimization for performance improvements and contention reduction under a large number of STAs
RM115389	GB01	Filed	14 Mar 2012	14 Mar 2012	GB1204510.0					Back-off optimization for performance improvements and contention reduction under a large number of STAs
RM115389	WO01	Filed	12 Mar 2013	14 Mar 2012	PCT/IB2013/000365	WO2013136155	19 Sep 2013			Back-off optimization for performance improvements and contention reduction under a large number of STAs
RM115390	Family	Filed	6 Jan 2012	6 Jan 2012						Shared E-PDCCH format indication for various bandwidth-capable devices
RM115390	WO01	Filed	6 Jan 2012	6 Jan 2012	PCT/CN2012/070106	WO2013102308	11 Jul 2013			Shared E-PDCCH format indication for various bandwidth-capable devices
RM115391	Family	Filed	9 Mar 2012	9 Mar 2012						Receiver analog baseband filter with transferred impedance stage
RM115391	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204238.8	GB2500067	11 Sep 2013			Receiver analog baseband filter with transferred impedance stage
RM115391	US01	Closed		9 Mar 2012						Receiver analog baseband filter with transferred impedance stage
RM115392	Family	Filed	21 Jan 2012	21 Jan 2012						SDMA-Based Duty Cycles and efficient signaling for Low-Cost Machine Type Communications
RM115392	WO01	POA	21 Jan 2012	21 Jan 2012	PCT/CN2012/070706	WO2013107059	25 Jul 2013			SDMA-Based Duty Cycles and efficient signaling for Low-Cost Machine Type Communications
RM115394	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA UE assisted position accuracy improvements
RM115394	GB01	POA	22 Dec 2011	22 Dec 2011	GB1122103.3	GB2497802	26 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	US01	Filed	23 Dec 2011	22 Dec 2011	US13/336194	US20130163451	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	WO01	Filed	21 Dec 2012	22 Dec 2011	PCT/IB2012/057637	WO2013093887	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115396	Family	Filed	22 Jun 2012	22 Jun 2012						Periodic CQI during Discontinuous Reception
RM115396	GB01	Granted	22 Jun 2012	22 Jun 2012	GB1211163.9	GB2494499	13 Mar 2013	GB2494499	14 Aug 2013	Periodic CQI during Discontinuous Reception
RM115397	Family	Filed	11 Jan 2012	11 Jan 2012						E-PDCCH design for low bandwidth MTC
RM115397	WO01	Filed	11 Jan 2012	11 Jan 2012	PCT/CN2012/070236	WO2013104119	18 Jul 2013			E-PDCCH design for low bandwidth MTC
RM115398	Family	Filed	16 Apr 2012	16 Apr 2012						Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115398	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074168					Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115400	Family	Filed	30 Jan 2012	30 Jan 2012						UE-assisted enhancement of DRX method for In-Device Coexistence
RM115400	WO01	Filed	30 Jan 2012	30 Jan 2012	PCT/CN2012/070772	WO2013113143	8 Aug 2013			UE-assisted enhancement of DRX method for In-Device Coexistence
RM115401	Family	Filed	16 Nov 2011	16 Nov 2011						Indication of Selected PLMN in a Network Sharing environment
RM115401	GB01	Filed	16 Nov 2011	16 Nov 2011	GB1119777.9	GB2496627	22 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115401	US01	Filed	18 Nov 2011	16 Nov 2011	US13/300072	US20130121241	16 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115403	Family	Filed	23 Jan 2012	23 Jan 2012						Application-oriented DRX enhancement
RM115403	GB01	Filed	23 Jan 2012	23 Jan 2012	GB1201051.8	GB2498583	24 Jul 2013			Application-oriented DRX enhancement
RM115403	US01	Filed	2 Feb 2012	23 Jan 2012	US13/364468	US20130188495	25 Jul 2013			Application-oriented DRX enhancement
RM115403	WO01	Filed	23 Jan 2013	23 Jan 2012	PCT/IB2013/050568	WO2013111060	1 Aug 2013			Application-oriented DRX enhancement
RM115405	Family	Filed	11 Jan 2012	11 Jan 2012						RACH enhancement to support low cost MTC UEs with narrow bandwidth
RM115405	WO01	Filed	11 Jan 2012	11 Jan 2012	PCT/CN2012/070232	WO2013104118	18 Jul 2013			RACH enhancement to support low cost MTC UEs with narrow bandwidth
RM115406	Family	Filed	8 Feb 2012	8 Feb 2012						New way to determine WiFi coverage and UL PL in WS
RM115406	WO01	Filed	8 Feb 2012	8 Feb 2012	PCT/CN2012/070963	WO2013116998	15 Aug 2013			New way to determine WiFi coverage and UL PL in WS
RM115407	Family	Filed	16 Jan 2012	16 Jan 2012						Method for D2D Discovery Signal Utilization
RM115407	GB01	POA	16 Jan 2012	16 Jan 2012	GB1200635.9	GB2498395	17 Jul 2013			Method for D2D Discovery Signal Utilization
RM115407	US01	Filed	18 Jan 2012	16 Jan 2012	US13/352538	US20130183963	18 Jul 2013			Method for D2D Discovery Signal Utilization

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115408	Family	Filed	24 Feb 2012	24 Feb 2012						Relayed UL transmission to eNB for a device in D2D mode
RM115408	WO01	Filed	24 Feb 2012	24 Feb 2012	PCT/CN2012/071586	WO2013123674	29 Aug 2013			Relayed UL transmission to eNB for a device in D2D mode
RM115409	Family	Filed	2 Feb 2012	2 Feb 2012						Signaling to enable resource allocation coordination between a device pair
RM115409	WO01	POA	2 Feb 2012	2 Feb 2012	PCT/CN2012/070839	WO2013113161	8 Aug 2013			Signaling to enable resource allocation coordination between a device pair
RM115410	Family	Filed	29 Feb 2012	29 Feb 2012						DRX enhancement for MTC and DDA Services
RM115410	WO01	Filed	29 Feb 2012	29 Feb 2012	PCT/CN2012/071794	WO2013127076	6 Sep 2013			DRX enhancement for MTC and DDA Services
RM115411	Family	Filed	5 Mar 2012	5 Mar 2012						Apreridic SR transmission for diverse data applications
RM115411	GB01	Filed	5 Mar 2012	5 Mar 2012	GB1203838.6	GB2499997	11 Sep 2013			Apreridic SR transmission for diverse data applications
RM115411	WO01	Filed	4 Mar 2013	5 Mar 2012	PCT/IB2013/051711	WO2013132415	12 Sep 2013			Apreridic SR transmission for diverse data applications
RM115412	Family	Filed	16 Mar 2012	16 Mar 2012						Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115412	GB01	POA	16 Mar 2012	16 Mar 2012	GB1204692.6					Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115412	US01	Filed	1 Mar 2013	16 Mar 2012	US13/782679	US20130244722	19 Sep 2013			Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115413	Family	Filed	6 Mar 2012	6 Mar 2012						Pcell group in CA on unlicensed band
RM115413	WO01	Filed	6 Mar 2012	6 Mar 2012	PCT/CN2012/072001	WO2013131250	12 Sep 2013			Pcell group in CA on unlicensed band
RM115414	Family	Filed	3 Apr 2012	3 Apr 2012						Enhanced DRX Command Handling when Short DRX Cycle Is Configured
RM115414	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205962.2					Enhanced DRX Command Handling when Short DRX Cycle Is Configured
RM115415	Family	Filed	14 Feb 2012	14 Feb 2012						SPS reconfiguration in broken CC on unlicensed band
RM115415	WO01	Filed	14 Feb 2012	14 Feb 2012	PCT/CN2012/071132	WO2013120253	22 Aug 2013			SPS reconfiguration in broken CC on unlicensed band
RM115416	Family	Filed	23 Feb 2012	23 Feb 2012						A signaling scheme for Adaptive Full-duplex Transmission
RM115416	GB01	Filed	23 Feb 2012	23 Feb 2012	GB1203143.1	GB2499786	4 Sep 2013			A signaling scheme for Adaptive Full-duplex Transmission
RM115416	US01	Filed	21 Feb 2013	23 Feb 2012	US13/772970	US20130223294	29 Aug 2013			A signaling scheme for Adaptive Full-duplex Transmission
RM115417	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA UE assisted position accuracy improvements
RM115417	GB01	POA	22 Dec 2011	22 Dec 2011	GB1122207.2	GB2497813	26 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115417	US01	Filed	3 Jan 2012	22 Dec 2011	US13/342371	US20130166246	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115418	Family	Filed	23 Jan 2012	23 Jan 2012						Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	GB01	POA	23 Jan 2012	23 Jan 2012	GB1201064.1	GB2490191	24 Oct 2012			Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	US01	Granted	26 Jan 2012	23 Jan 2012	US13/359046	US20130188761	25 Jul 2013	US8509366	13 Aug 2013	Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	WO01	POA	21 Jan 2013	23 Jan 2012	PCT/IB2013/050532	WO2013111047	1 Aug 2013			Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115420	Family	Filed	7 Mar 2012	7 Mar 2012						Multiple operator coordination for LTE in unlicensed band
RM115420	WO01	POA	7 Mar 2012	7 Mar 2012	PCT/CN2012/072057	WO2013131257	12 Sep 2013			Multiple operator coordination for LTE in unlicensed band
RM115422	Family	Filed	1 Feb 2012	1 Feb 2012						RACH Enhancement for Inter-band TDD CA with Different TDD DL/UL Configuration
RM115422	WO01	POA	1 Feb 2012	1 Feb 2012	PCT/CN2012/070823	WO2013113158	8 Aug 2013			RACH Enhancement for Inter-band TDD CA with Different TDD DL/UL Configuration
RM115423	Family	Filed	17 Jan 2012	17 Jan 2012						Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	GB01	Filed	17 Jan 2012	17 Jan 2012	GB1200706.8	GB2498709	31 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	US01	Filed	24 Jan 2012	17 Jan 2012	US13/357180	US20130182623	18 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	WO01	Filed	15 Jan 2013	17 Jan 2012	PCT/IB2013/050366	WO2013108178	25 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
RM115424	Family	Filed	12 Jan 2012	12 Jan 2012						Connectivity time reconfiguration for a device in D2D mode
RM115424	WO01	Filed	12 Jan 2012	12 Jan 2012	PCT/CN2012/000059	WO2013104084	18 Jul 2013			Connectivity time reconfiguration for a device in D2D mode
RM115425	Family	Filed	31 Jan 2012	31 Jan 2012						E-PHICH configuration for LTE-A
RM115425	WO01	Filed	31 Jan 2012	31 Jan 2012	PCT/CN2012/070803	WO2013113155	8 Aug 2013			E-PHICH configuration for LTE-A
RM115426	Family	Filed	18 Jan 2012	18 Jan 2012						Power management for D2D discovery
RM115426	GB01	Filed	18 Jan 2012	18 Jan 2012	GB1200837.1	GB2498713	31 Jul 2013			Power management for D2D discovery
RM115426	WO01	Filed	17 Jan 2013	18 Jan 2012	PCT/IB2013/00056	WO2013108114	25 Jul 2013			Power management for D2D discovery
RM115429	Family	Filed	28 Feb 2012	28 Feb 2012						On Discovery Resource Frame Structure
RM115429	GB01	Filed	28 Feb 2012	28 Feb 2012	GB1203455.9	GB2499803	4 Sep 2013			On Discovery Resource Frame Structure
RM115429	WO01	Filed	26 Feb 2013	28 Feb 2012	PCT/IB2013/051530	WO2013128370	6 Sep 2013			On Discovery Resource Frame Structure
RM115433	Family	Filed	15 Feb 2012	15 Feb 2012						Enhancing Operator Control of D2D Discovery
RM115433	GB01	Filed	15 Feb 2012	15 Feb 2012	GB1202608.4	GB2499418	21 Aug 2013			Enhancing Operator Control of D2D Discovery
RM115433	WO01	Filed	15 Feb 2013	15 Feb 2012	PCT/IB2013/051257	WO2013121399	22 Aug 2013			Enhancing Operator Control of D2D Discovery
RM115434	Family	Filed	11 Apr 2012	11 Apr 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM115434	GB01	Filed	11 Apr 2012	11 Apr 2012	GB1206372.3					On Handling Uplink Retransmission and Discovery Signal Collision

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115434	US01	Filed	10 Apr 2013	11 Apr 2012	US13/860086					On Handling Uplink Retransmission and Discovery Signal Collision
RM115435	Family	Filed	27 Jan 2012	27 Jan 2012						Co-operative Cell Search of LTE D2D Ad Hoc Mode
RM115435	GB01	Filed	27 Jan 2012	27 Jan 2012	GB1201374.4	GB2498765	31 Jul 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
RM115435	WO01	Filed	25 Jan 2013	27 Jan 2012	PCT/IB2013/050654	WO2013111104	1 Aug 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
RM115436	Family	Filed	10 Feb 2012	10 Feb 2012						Novel signaling Design for time-domain bundling scheduling
RM115436	WO01	Filed	10 Feb 2012	10 Feb 2012	PCT/CN2012/071031	WO2013117011	15 Aug 2013			Novel signaling Design for time-domain bundling scheduling
RM115440	Family	Filed	30 Jan 2012	30 Jan 2012						Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115440	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201548.3					Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115440	US01	Filed	3 Feb 2012	30 Jan 2012	US13/365432	US20130195073	1 Aug 2013			Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115442	Family	Filed	29 Jun 2012	29 Jun 2012						Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	GB01	POA	29 Jun 2012	29 Jun 2012	GB1211610.9	GB2492249	26 Dec 2012			Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	US01	Granted	14 Nov 2012	29 Jun 2012	US13/676375			US8446813	21 May 2013	Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	WO01	Filed	27 Jun 2013	29 Jun 2012	PCT/IB2013/055279					Solving control bits of butterfly networks for parallel access turbo decoders
RM115444	Family	Filed	27 Feb 2012	27 Feb 2012						TAS inaccuracy cancellation method
RM115444	WO01	Filed	27 Feb 2012	27 Feb 2012	PCT/IB2012/000665	WO2013128228	6 Sep 2013			TAS inaccuracy cancellation method
RM115445	Family	Filed	23 Mar 2012	23 Mar 2012						Network controlled semi-autonomous D2D resource allocation signaling optimization on cellular and shared band
RM115445	WO01	Filed	23 Mar 2012	23 Mar 2012	PCT/CN2012/072971					Network controlled semi-autonomous D2D resource allocation signaling optimization on cellular and shared band
RM115450	Family	Filed	4 Jun 2013	4 Jun 2013						Antenna tuner algorithm for external interference scenarios
RM115450	GB01	Filed	4 Jun 2013	4 Jun 2013	GB1309953.6					Antenna tuner algorithm for external interference scenarios
RM115450	US01	ToFiling		4 Jun 2013						Antenna tuner algorithm for external interference scenarios
RM115452	Family	Closed	30 Jan 2012	30 Jan 2012						PHR triggering and reporting for multiple timing advance
RM115452	US01	Closed	30 Jan 2012	30 Jan 2012	US61/592289					PHR triggering and reporting for multiple timing advance
RM115454	Family	Filed	16 Feb 2012	16 Feb 2012						MPR Calculation for HSUPA signal with 4PAM
RM115454	GB01	Granted	16 Feb 2012	16 Feb 2012	GB1202677.9	GB2490986	21 Nov 2012	GB2490986	19 Jun 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	US01	Granted	10 Oct 2012	16 Feb 2012	US13/648819	US20130216000	22 Aug 2013	US8514974	20 Aug 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	WO01	Filed	14 Feb 2013	16 Feb 2012	PCT/IB2013/000185	WO2013121268	22 Aug 2013			MPR Calculation for HSUPA signal with 4PAM
RM115456	Family	Filed	21 Mar 2012	21 Mar 2012						Data compression and combination method
RM115456	GB01	Granted	21 Mar 2012	21 Mar 2012	GB1204972.2	GB2491927	19 Dec 2012	GB2491927	10 Jul 2013	Data compression and combination method
RM115456	GB02	POA	21 Mar 2012	21 Mar 2012	GB1216646.8					Data compression and combination method
RM115456	US01	Filed	14 Nov 2012	21 Mar 2012	US13/676739					Data compression and combination method
RM115456	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/IB2013/052254					Data compression and combination method
RM115458	Family	Filed	6 Feb 2012	6 Feb 2012						Method and apparatus for security re-synchronisation
RM115458	GB01	POA	6 Feb 2012	6 Feb 2012	GB1201999.8	GB2489772	10 Oct 2012			Method and apparatus for security re-synchronisation
RM115460	Family	Filed	18 Apr 2012	18 Apr 2012						An Energy-Efficient Data Collection Scheme in Wireless Sensor Networks with UE as Mobile Gateway
RM115460	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/074280					An Energy-Efficient Data Collection Scheme in Wireless Sensor Networks with UE as Mobile Gateway
RM115461	Family	Filed	9 May 2012	9 May 2012						Full-duplex enablement under scheduled access in 802.11
RM115461	GB01	Filed	9 May 2012	9 May 2012	GB1208698.2					Full-duplex enablement under scheduled access in 802.11
RM115461	WO01	Filed	8 May 2013	9 May 2012	PCT/IB2013/053696					Full-duplex enablement under scheduled access in 802.11
RM115462	Family	Filed	27 Jan 2012	27 Jan 2012						Method to increase UE coverage in inter-band CA
RM115462	GB01	Granted	27 Jan 2012	27 Jan 2012	GB1201430.4	GB2488201	22 Aug 2012	GB2488201	10 Apr 2013	Method to increase UE coverage in inter-band CA
RM115462	US01	POA	14 Feb 2012	27 Jan 2012	US13/372574	US20130196648	1 Aug 2013			Method to increase UE coverage in inter-band CA
RM115463	Family	Filed	26 Jan 2012	26 Jan 2012						Power control method for devices supporting inter-band carrier aggregation
RM115463	GB01	POA	26 Jan 2012	26 Jan 2012	GB1201337.1	GB2498758	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	US01	Filed	10 Feb 2012	26 Jan 2012	US13/370533	US20130194967	1 Aug 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	WO01	Filed	25 Jan 2013	26 Jan 2012	PCT/IB2013/050669	WO2013111112	25 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115465	Family	Filed	26 Mar 2012	26 Mar 2012						WIFI Scell activation deactivation in LTE+WiFi CA system
RM115465	WO01	Filed	26 Mar 2012	26 Mar 2012	PCT/CN2012/073023					WIFI Scell activation deactivation in LTE+WiFi CA system
RM115466	Family	Filed	19 Dec 2011	19 Dec 2011						EUTRAN Support for D2D Discovery Signal Verification
RM115466	GB01	Filed	19 Dec 2011	19 Dec 2011	GB1121764.3	GB2497741	26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330965	US20130159522	20 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	WO01	Filed	12 Dec 2012	19 Dec 2011	PCT/IB2012/057241	WO2013093723	27 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115467	Family	Filed	30 Jan 2012	30 Jan 2012						Time-interleaved duplexing method for inter-band carrier aggregation
RM115467	GB01	POA	30 Jan 2012	30 Jan 2012	GB1201616.8	GB2498814	31 Jul 2013			Time-interleaved duplexing method for inter-band carrier aggregation

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115467	US01	Filed	7 Mar 2012	30 Jan 2012	US13/413986	US20130194939	1 Aug 2013			Time-interleaved duplexing method for inter-band carrier aggregation
RM115469	Family	Filed	17 Feb 2012	17 Feb 2012						Principle for Inter-cell D2D operation
RM115469	WO01	Filed	17 Feb 2012	17 Feb 2012	PCT/CN2012/071252	WO2013120267	22 Aug 2013			Principle for Inter-cell D2D operation
RM115472	Family	Filed	8 Mar 2012	8 Mar 2012						Design of system information for low-cost MTC devices
RM115472	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072079	WO2013131262	12 Sep 2013			Design of system information for low-cost MTC devices
RM115473	Family	Filed	5 Mar 2012	5 Mar 2012						A novel way to enable traffic relay in D2D scenario
RM115473	WO01	POA	5 Mar 2012	5 Mar 2012	PCT/CN2012/071937	WO2013131234	12 Sep 2013			A novel way to enable traffic relay in D2D scenario
RM115474	Family	Filed	20 Jan 2012	20 Jan 2012						Handling of RA failure for C-RNTI based Msg2
RM115474	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/CN2012/070651	WO2013107036	25 Jul 2013			Handling of RA failure for C-RNTI based Msg2
RM115475	Family	Filed	30 Jan 2012	30 Jan 2012						Multiple ACK-NACK Multiplexing with Periodic CSI in PUCCH Format 3
RM115475	WO01	Filed	30 Jan 2012	30 Jan 2012	PCT/CN2012/070769	WO2013113142	8 Aug 2013			Multiple ACK-NACK Multiplexing with Periodic CSI in PUCCH Format 3
RM115476	Family	Filed	30 Jan 2012	30 Jan 2012						Method of configuring RRC state / channel monitoring behavior for 2nd DRX cycle in CELL_FACH
RM115476	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201526.9	GB2498797	31 Jul 2013			Method of configuring RRC state / channel monitoring behavior for 2nd DRX cycle in CELL_FACH
RM115477	Family	Filed	13 Mar 2012	13 Mar 2012						User group selection and full duplex pattern control for TDD full duplex system
RM115477	WO01	Filed	13 Mar 2012	13 Mar 2012	PCT/CN2012/072282	WO2013134930	19 Sep 2013			User group selection and full duplex pattern control for TDD full duplex system
RM115479	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio transceiver circuit linearization
RM115479	GB01	Granted	15 May 2012	15 May 2012	GB1208546.0	GB2491238	28 Nov 2012	GB2491238	3 Jul 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	US01	Granted	13 Nov 2012	15 May 2012	US13/675021			US8502596	6 Aug 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053986					Method and apparatus for radio transceiver circuit linearization
RM115483	Family	Filed	1 Mar 2012	1 Mar 2012						Adaptive Gain Mapping In The Presence Of Intermittent Blockers
RM115483	WO01	Filed	1 Mar 2012	1 Mar 2012	PCT/IB2012/000757	WO2013128229	6 Sep 2013			Adaptive Gain Mapping In The Presence Of Intermittent Blockers
RM115484	Family	Filed	14 Mar 2012	14 Mar 2012						A transmitter for two contiguous uplink carriers with power imbalance
RM115484	GB01	POA	14 Mar 2012	14 Mar 2012	GB1204515.9					A transmitter for two contiguous uplink carriers with power imbalance
RM115484	US01	Filed	15 Oct 2012	14 Mar 2012	US13/651906	US20130244599	19 Sep 2013			A transmitter for two contiguous uplink carriers with power imbalance
RM115484	WO01	POA	14 Mar 2013	14 Mar 2012	PCT/IB2013/052027	WO2013136291	19 Sep 2013			A transmitter for two contiguous uplink carriers with power imbalance
RM115485	Family	Filed	10 Feb 2012	10 Feb 2012						Secure Device to Device Discovery
RM115485	GB01	Filed	10 Feb 2012	10 Feb 2012	GB1202376.8	GB2499247	14 Aug 2013			Secure Device to Device Discovery
RM115485	WO01	Filed	8 Feb 2013	10 Feb 2012	PCT/IB2013/051060	WO2013118096	15 Aug 2013			Secure Device to Device Discovery
RM115486	Family	Filed	20 Feb 2012	20 Feb 2012						Signaling Support for Multi Operator D2D Discovery
RM115486	GB01	POA	20 Feb 2012	20 Feb 2012	GB1202863.5	GB2499458	21 Aug 2013			Signaling Support for Multi Operator D2D Discovery
RM115486	WO01	Filed	18 Feb 2013	20 Feb 2012	PCT/IB2013/051301	WO2013124776	29 Aug 2013			Signaling Support for Multi Operator D2D Discovery
RM115487	Family	Filed	22 Mar 2012	22 Mar 2012						Novel Design for Indication of Evolved PHICH Configuration for Low Cost MTC Devices
RM115487	WO01	Filed	22 Mar 2012	22 Mar 2012	PCT/CN2012/072810					Novel Design for Indication of Evolved PHICH Configuration for Low Cost MTC Devices
RM115491	Family	Filed	30 Jan 2012	30 Jan 2012						Method of triggering Cell Update procedure to report measurement results
RM115491	GB01	POA	29 Oct 2012	30 Jan 2012	GB1218411.4					Method of triggering Cell Update procedure to report measurement results
RM115491	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752562	US20130210437	15 Aug 2013			Method of triggering Cell Update procedure to report measurement results
RM115491	US02	Closed	30 Jan 2012	30 Jan 2012	US61/592377					Method of triggering Cell Update procedure to report measurement results
RM115493	Family	Filed	20 Feb 2012	20 Feb 2012						Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115493	WO01	POA	20 Feb 2012	20 Feb 2012	PCT/CN2012/071361	WO2013123638	29 Aug 2013			Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115494	Family	Filed	26 Jan 2012	26 Jan 2012						Power control method for devices supporting inter-band carrier aggregation
RM115494	GB01	POA	26 Jan 2012	26 Jan 2012	GB1201334.8	GB2498756	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115494	US01	Granted	8 Feb 2012	26 Jan 2012	US13/368537			US8462724	11 Jun 2013	Power control method for devices supporting inter-band carrier aggregation
RM115495	Family	Filed	30 Jan 2012	30 Jan 2012						Method of CSG cell reselection in CELL_FACH state
RM115495	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201544.2	GB2498805	31 Jul 2013			Method of CSG cell reselection in CELL_FACH state
RM115495	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050777	WO2013114288	8 Aug 2013			Method of CSG cell reselection in CELL_FACH state
RM115502	Family	Filed	28 Sep 2012	28 Sep 2012						Centralized three-party RTS/CTS exchange for D2D communication contending for resource on ISM band
RM115502	WO01	POA	28 Sep 2012	28 Sep 2012	PCT/CN2012/082396					Centralized three-party RTS/CTS exchange for D2D communication contending for resource on ISM band
RM115503	Family	Filed	29 Mar 2012	29 Mar 2012						Device for On-Chip Latency Measurement
RM115503	GB01	POA	29 Mar 2012	29 Mar 2012	GB1205610.7	GB2490390	31 Oct 2012			Device for On-Chip Latency Measurement
RM115503	US01	Granted	2 Oct 2012	29 Mar 2012	US13/633549			US8401821	19 Mar 2013	Device for On-Chip Latency Measurement
RM115503	WO01	Filed	28 Mar 2013	29 Mar 2012	PCT/IB2013/052497					Device for On-Chip Latency Measurement
RM115504	Family	Filed	20 Dec 2012	20 Dec 2012						Antenna tuner problems and solutions
RM115504	GB01	Closed	20 Dec 2012	20 Dec 2012	GB1223098.3					Antenna tuner problems and solutions
RM115505	Family	Filed	30 Jan 2012	30 Jan 2012						Uplink Interference Avoidance in HetNet Scenarios

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115505	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201570.7	GB2498934	7 Aug 2013			Uplink Interference Avoidance in HetNet Scenarios
RM115505	US01	Filed	3 Feb 2012	30 Jan 2012	US13/365396	US20130194986	1 Aug 2013			Uplink Interference Avoidance in HetNet Scenarios
RM115505	WO01	POA	28 Jan 2013	30 Jan 2012	PCT/IB2013/050723	WO2013114264	8 Aug 2013			Uplink Interference Avoidance in HetNet Scenarios
RM115506	Family	Filed	8 Mar 2012	8 Mar 2012						Group SPS Design for low cost MTC devices
RM115506	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072081	WO2013131264	12 Sep 2013			Group SPS Design for low cost MTC devices
RM115507	Family	Filed	13 Mar 2012	13 Mar 2012						Procedures for Secondary Cell discovery on extention carriers in LTE HetNet
RM115507	GB01	Filed	13 Mar 2012	13 Mar 2012	GB1204380.8					Procedures for Secondary Cell discovery on extention carriers in LTE HetNet
RM115507	US01	Closed		13 Mar 2012						Procedures for Secondary Cell discovery on extention carriers in LTE HetNet
RM115510	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio receiver circuit linearization
RM115510	GB01	Filed	15 May 2012	15 May 2012	GB1208545.2					Method and apparatus for radio receiver circuit linearization
RM115510	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053987					Method and apparatus for radio receiver circuit linearization
RM115511	Family	Filed	30 Jan 2012	30 Jan 2012						Methods to improve IDC in inter-band CA
RM115511	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201537.6	GB2498800	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	GB02	Filed	30 Jan 2012	30 Jan 2012	GB1302560.2	GB2498878	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	US01	Filed	6 Feb 2012	30 Jan 2012	US13/366639	US20130194938	1 Aug 2013			Methods to improve IDC in inter-band CA
RM115513	Family	Filed	27 Feb 2012	27 Feb 2012						Method for reporting 256QAM CQI without overhead increase
RM115513	GB01	Filed	27 Feb 2012	27 Feb 2012	GB1203362.7	GB2499671	28 Aug 2013			Method for reporting 256QAM CQI without overhead increase
RM115513	US01	Filed	27 Feb 2013	27 Feb 2012	US13/779336	US20130223255	29 Aug 2013			Method for reporting 256QAM CQI without overhead increase
RM115514	Family	Filed	30 Jan 2012	30 Jan 2012						A DCI format approach for E-PHICH in LTE Rel-11
RM115514	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201618.4	GB2498815	31 Jul 2013			A DCI format approach for E-PHICH in LTE Rel-11
RM115514	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752656	US20130195047	1 Aug 2013			A DCI format approach for E-PHICH in LTE Rel-11
RM115515	Family	Filed	11 Apr 2012	11 Apr 2012						A decoder for scrambled convolution codes.
RM115515	GB01	POA	11 Apr 2012	11 Apr 2012	GB1206389.7					A decoder for scrambled convolution codes.
RM115515	US01	Granted	4 Oct 2012	11 Apr 2012	US13/645079			US8397150	12 Mar 2013	A decoder for scrambled convolution codes.
RM115515	WO01	Filed	9 Apr 2013	11 Apr 2012	PCT/IB2013/052822					A decoder for scrambled convolution codes.
RM115517	Family	Filed	1 Mar 2012	1 Mar 2012						Reducing the reception time of the channels where the transmitted information is repeated several times
RM115517	GB01	POA	1 Mar 2012	1 Mar 2012	GB1203652.1	GB2494483	13 Mar 2013			Reducing the reception time of the channels where the transmitted information is repeated several times
RM115518	Family	Filed	30 Jan 2012	30 Jan 2012						Closed Loop Transmit Diversity Activation and Deactivation
RM115518	GB01	Granted	30 Jan 2012	30 Jan 2012	GB1201569.9	GB2490985	21 Nov 2012	GB2490985	19 Jun 2013	Closed Loop Transmit Diversity Activation and Deactivation
RM115518	US01	Filed	13 Feb 2012	30 Jan 2012	US13/371531	US20130194988	1 Aug 2013			Closed Loop Transmit Diversity Activation and Deactivation
RM115518	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050796	WO2013114301	8 Aug 2013			Closed Loop Transmit Diversity Activation and Deactivation
RM115519	Family	Filed	8 Mar 2012	8 Mar 2012						Enable sensing function coupled with X-CC scheduling
RM115519	WO01	POA	8 Mar 2012	8 Mar 2012	PCT/CN2012/072088	WO2013131267	12 Sep 2013			Enable sensing function coupled with X-CC scheduling
RM115521	Family	Filed	31 Jan 2012	31 Jan 2012						Method and Apparatus of Informing UE Access Barring
RM115521	GB01	POA	31 Jan 2012	31 Jan 2012	GB1201861.4	GB2499189	14 Aug 2013			Method and Apparatus of Informing UE Access Barring
RM115521	US01	Granted	3 Feb 2012	31 Jan 2012	US13/365544			US8478286	2 Jul 2013	Method and Apparatus of Informing UE Access Barring
RM115521	US02	Filed	3 May 2013	31 Jan 2012	US13/875663					Method and Apparatus of Informing UE Access Barring
RM115521	WO01	Filed	29 Jan 2013	31 Jan 2012	PCT/IB2013/050759	WO2013114278	8 Aug 2013			Method and Apparatus of Informing UE Access Barring
RM115522	Family	Filed	27 Mar 2012	27 Mar 2012						LBT LTE Downlink Control Channel Design
RM115522	GB01	Filed	27 Mar 2012	27 Mar 2012	GB1205390.6					LBT LTE Downlink Control Channel Design
RM115522	US01	Filed	25 Mar 2013	27 Mar 2012	US13/849894					LBT LTE Downlink Control Channel Design
RM115525	Family	Filed	27 Feb 2012	27 Feb 2012						CSFB for emergency purposes
RM115525	GB01	Filed	27 Feb 2012	27 Feb 2012	GB1203367.6	GB2499673	28 Aug 2013			CSFB for emergency purposes
RM115527	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio receiver circuit linearization
RM115527	GB01	Granted	15 May 2012	15 May 2012	GB1208544.5	GB2491022	21 Nov 2012	GB2491022	1 May 2013	Method and apparatus for radio receiver circuit linearization
RM115527	US01	Granted	13 Nov 2012	15 May 2012	US13/675073			US8428545	23 Apr 2013	Method and apparatus for radio receiver circuit linearization
RM115527	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053989					Method and apparatus for radio receiver circuit linearization
RM115528	Family	Filed	21 Jan 2012	21 Jan 2012						Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM115528	WO01	POA	21 Jan 2012	21 Jan 2012	PCT/CN2012/070705	WO2013107058	25 Jul 2013			Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM125006	Family	Filed	22 May 2012	22 May 2012						EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM125006	GB01	POA	22 May 2012	22 May 2012	GB1209029.6					EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM125007	Family	Filed	30 Jan 2012	30 Jan 2012						CSG fingerprint for test purposes
RM125007	GB01	POA	30 Jan 2012	30 Jan 2012	GB1201568.1	GB2498813	31 Jul 2013			CSG fingerprint for test purposes
RM125007	GB02	Filed	6 Aug 2012	30 Jan 2012	GB1213939.0	GB2498825	31 Jul 2013			CSG fingerprint for test purposes
RM125007	US01	Closed		30 Jan 2012						CSG fingerprint for test purposes

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM125007	WO01	Filed	28 Jan 2013	30 Jan 2012	PCT/IB2013/050724	WO2013114265	8 Aug 2013			CSG fingerprint for test purposes
RM125009	Family	Filed	4 Jun 2013	4 Jun 2013						Method to ensure sampling continuity across some interruption of reception, like some measurement gap
RM125009	WO01	Filed	4 Jun 2013	4 Jun 2013	PCT/IB2013/001716					Method to ensure sampling continuity across some interruption of reception, like some measurement gap
RM125010	Family	Filed	16 Mar 2012	16 Mar 2012						UE-assisted DRX method for IDC with WiFi in PCF mode
RM125010	WO01	POA	16 Mar 2012	16 Mar 2012	PCT/CN2012/072442	WO2013134954	19 Sep 2013			UE-assisted DRX method for IDC with WiFi in PCF mode
RM125012	Family	Filed	6 Mar 2012	6 Mar 2012						Enhanced membership indication for CSG RAN sharing
RM125012	GB01	Filed	6 Mar 2012	6 Mar 2012	GB1203921.0					Enhanced membership indication for CSG RAN sharing
RM125012	WO01	Filed	5 Mar 2013	6 Mar 2012	PCT/IB2013/051742	WO2013132431	12 Sep 2013			Enhanced membership indication for CSG RAN sharing
RM125013	Family	Filed	2 Mar 2012	2 Mar 2012						PDCCH detection for low cost MTC Ues
RM125013	WO01	Filed	2 Mar 2012	2 Mar 2012	PCT/CN2012/071863	WO2013127088	6 Sep 2013			PDCCH detection for low cost MTC Ues
RM125018	Family	Filed	23 Mar 2012	23 Mar 2012						Interference reduction in wireless communication systems
RM125018	GB01	POA	23 Mar 2012	23 Mar 2012	GB1205166.0					Interference reduction in wireless communication systems
RM125018	US01	Granted	21 Nov 2012	23 Mar 2012	US13/682955			US8526388	2 Sep 2013	Interference reduction in wireless communication systems
RM125018	US02	Filed	21 Nov 2012	23 Mar 2012	US13/683072					Interference reduction in wireless communication systems
RM125019	Family	Filed	20 Feb 2012	20 Feb 2012						Enhanced measurement for new carrier type
RM125019	WO01	Filed	20 Feb 2012	20 Feb 2012	PCT/CN2012/071354	WO2013123637	29 Aug 2013			Enhanced measurement for new carrier type
RM125020	Family	Filed	20 Jan 2012	20 Jan 2012						On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1200962.7	GB2498559	24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363596	US20130188530	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125022	Family	Filed	6 Mar 2012	6 Mar 2012						Physical Discovery channel sequence design for inter-band LTE CA HetNet
RM125022	WO01	Filed	6 Mar 2012	6 Mar 2012	PCT/CN2012/071984	WO2013131245	13 Sep 2013			Physical Discovery channel sequence design for inter-band LTE CA HetNet
RM125023	Family	Filed	2 Feb 2012	2 Feb 2012						Power control for scalable low-power LTE CA system on un-licensed band
RM125023	GB01	POA	2 Feb 2012	2 Feb 2012	GB1201791.9	GB2498988	7 Aug 2013			Power control for scalable low-power LTE CA system on un-licensed band
RM125023	US01	Filed	1 Feb 2013	2 Feb 2012	US13/757499	US20130203458	8 Aug 2013			Power control for scalable low-power LTE CA system on un-licensed band
RM125024	Family	Filed	23 Feb 2012	23 Feb 2012						Aperiodical discovery channel design for small RRHs
RM125024	WO01	Filed	23 Feb 2012	23 Feb 2012	PCT/CN2012/071519	WO2013123660	29 Aug 2013			Aperiodical discovery channel design for small RRHs
RM125025	Family	Filed	5 Apr 2012	5 Apr 2012						Resource Configuration of DCI format based Evolved PHICH
RM125025	WO01	POA	5 Apr 2012	5 Apr 2012	PCT/CN2012/073554					Resource Configuration of DCI format based Evolved PHICH
RM125026	Family	Filed	24 Jan 2012	24 Jan 2012						Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	GB01	POA	24 Jan 2012	24 Jan 2012	GB1201125.0	GB2498721	31 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	US01	Filed	25 Jan 2012	24 Jan 2012	US13/358644	US20130189971	25 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	WO01	Filed	22 Jan 2013	24 Jan 2012	PCT/IB2013/050551	WO2013111056	1 Aug 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125028	Family	Filed	30 Jan 2012	30 Jan 2012						Suspension of UL transmission for M-TA
RM125028	WO01	POA	30 Jan 2012	30 Jan 2012	PCT/CN2012/070777	WO2013113146	8 Aug 2013			Suspension of UL transmission for M-TA
RM125029	Family	Filed	17 Feb 2012	17 Feb 2012						Indication of the selected PLMN ID using PFI
RM125029	IN01	Filed	17 Feb 2012	17 Feb 2012	IN442/MUM/2012					Indication of the selected PLMN ID using PFI
RM125031	Family	Filed	19 Mar 2012	19 Mar 2012						HSPA uplink MIMO rank signaling at E-DPCCH
RM125031	GB01	POA	19 Mar 2012	19 Mar 2012	GB1204774.2					HSPA uplink MIMO rank signaling at E-DPCCH
RM125031	US01	Filed	19 Apr 2012	19 Mar 2012	US13/451023	US20130242827	19 Sep 2013			HSPA uplink MIMO rank signaling at E-DPCCH
RM125034	Family	Filed	16 Mar 2012	16 Mar 2012						Method for reporting CQI in case of extended range of MCS classes
RM125034	GB01	POA	16 Mar 2012	16 Mar 2012	GB1204672.8					Method for reporting CQI in case of extended range of MCS classes
RM125038	Family	Filed	12 Mar 2012	12 Mar 2012						Indication flags and signaling for automatic notification on road
RM125038	WO01	Filed	12 Mar 2012	12 Mar 2012	PCT/CN2012/072206	WO2013134912	19 Sep 2013			Indication flags and signaling for automatic notification on road
RM125039	Family	Filed	7 Mar 2012	7 Mar 2012						PLMN selection when EUTRAN is disabled
RM125039	GB01	Granted	7 Mar 2012	7 Mar 2012	GB1204039.0	GB2490989	21 Nov 2012	GB2490989	10 Apr 2013	PLMN selection when EUTRAN is disabled
RM125039	US01	Granted	3 Oct 2012	7 Mar 2012	US13/633926			US8504017	6 Aug 2013	PLMN selection when EUTRAN is disabled
RM125039	US02	Filed	15 Jan 2013	7 Mar 2012	US13/741769	US20130237223	12 Sep 2013			PLMN selection when EUTRAN is disabled
RM125039	WO01	Filed	5 Mar 2013	7 Mar 2012	PCT/IB2013/051750	WO2013132437	12 Sep 2013			PLMN selection when EUTRAN is disabled
RM125040	Family	Filed	27 Feb 2012	27 Feb 2012						CoMP feedback indication
RM125040	GB01	POA	27 Feb 2012	27 Feb 2012	GB1203368.4	GB2499674	28 Aug 2013			CoMP feedback indication
RM125040	US01	Filed	26 Feb 2013	27 Feb 2012	US13/777403	US20130223253	29 Aug 2013			CoMP feedback indication
RM125041	Family	Filed	27 Feb 2012	27 Feb 2012						Joint coding of rank and CoMP feedback information
RM125041	GB01	Filed	27 Feb 2012	27 Feb 2012	GB1203361.9					Joint coding of rank and CoMP feedback information

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM125042	Family	Filed	19 Mar 2012	19 Mar 2012						Method to indicate UE filtering capabilities
RM125042	GB01	POA	19 Mar 2012	19 Mar 2012	GB1204796.1					Method to indicate UE filtering capabilities
RM125042	US01	Filed	28 Feb 2013	19 Mar 2012	US13/780286					Method to indicate UE filtering capabilities
RM125043	Family	Filed	30 Jan 2012	30 Jan 2012						Enhanced interference suppression for E-PDCCH and PDSCH
RM125043	US01	Filed	20 Jan 2013	30 Jan 2012	US13/754326	US20130195051	1 Aug 2013			Enhanced interference suppression for E-PDCCH and PDSCH
RM125043	WO01	POA	30 Jan 2012	30 Jan 2012	PCT/CN2012/070778	WO2013113147	8 Aug 2013			Enhanced interference suppression for E-PDCCH and PDSCH
RM125044	Family	Filed	2 Mar 2012	2 Mar 2012						Two dimensional CQI feedback for dynamic points selection
RM125044	GB01	POA	2 Mar 2012	2 Mar 2012	GB1203721.4	GB2499849	4 Sep 2013			Two dimensional CQI feedback for dynamic points selection
RM125044	WO01	Filed	1 Mar 2013	2 Mar 2012	PCT/IB2013/051663	WO2013128426	6 Sep 2013			Two dimensional CQI feedback for dynamic points selection
RM125049	Family	Filed	29 Mar 2012	29 Mar 2012						The general hybrid multicarrier technique for local area multiple access networks
RM125049	GB01	POA	29 Mar 2012	29 Mar 2012	GB1205608.1					The general hybrid multicarrier technique for local area multiple access networks
RM125049	WO01	Filed	28 Mar 2013	29 Mar 2012	PCT/IB2013/052487					The general hybrid multicarrier technique for local area multiple access networks
RM125052	Family	Filed	9 Mar 2012	9 Mar 2012						Self-configurable, node-based grouping for large networks
RM125052	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204209.9					Self-configurable, node-based grouping for large networks
RM125055	Family	Filed	11 Apr 2012	11 Apr 2012						A novel LTE + WiFi offloading method
RM125055	WO01	Filed	11 Apr 2012	11 Apr 2012	PCT/CN2012/073800					A novel LTE + WiFi offloading method
RM125056	Family	Filed	12 Mar 2012	12 Mar 2012						Supporting prolonged station sleeping in the power save mode
RM125056	GB01	Filed	20 Jul 2012	12 Mar 2012	GB1212912.8					Supporting prolonged station sleeping in the power save mode
RM125056	US01	Closed	12 Mar 2012	12 Mar 2012	US61/609606					Supporting prolonged station sleeping in the power save mode
RM125056	WO01	Filed	11 Mar 2013	12 Mar 2012	PCT/IB2013/051921	WO2013136255	19 Sep 2013			Supporting prolonged station sleeping in the power save mode
RM125058	Family	Filed	13 Apr 2012	13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	GB01	POA	13 Apr 2012	13 Apr 2012	GB1206543.9					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	WO01	Filed	15 Apr 2013	13 Apr 2012	PCT/IB2013/052988					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125060	Family	Filed	18 Apr 2012	18 Apr 2012						Physical discovery channel design for small RRHs
RM125060	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/074254					Physical discovery channel design for small RRHs
RM125061	Family	Filed	31 May 2012	31 May 2012						Method and Apparatus for Discovery Signal Formation
RM125061	GB01	Filed	31 May 2012	31 May 2012	GB1209703.6					Method and Apparatus for Discovery Signal Formation
RM125061	WO01	Filed	31 May 2013	31 May 2012	PCT/IB2013/054502					Method and Apparatus for Discovery Signal Formation
RM125064	Family	Closed	2 Apr 2012	2 Apr 2012						Antenna Beam Steering With Switchable Ground Plane
RM125064	GB01	Closed	2 Apr 2012	2 Apr 2012	GB1205889.7					Antenna Beam Steering With Switchable Ground Plane
RM125064	US01	Closed		2 Apr 2012						Antenna Beam Steering With Switchable Ground Plane
RM125067	Family	Filed	13 Apr 2012	13 Apr 2012						The new signaling design to benefit from the single channel full duplex transceivers in random access communications such as 802.11 systems
RM125067	GB01	Filed	13 Apr 2012	13 Apr 2012	GB1206574.4					The new signaling design to benefit from the single channel full duplex transceivers in random access communications such as 802.11 systems
RM125067	US01	Filed	12 Apr 2013	13 Apr 2012	US13/862053					The new signaling design to benefit from the single channel full duplex transceivers in random access communications such as 802.11 systems
RM125072	Family	Filed	18 Mar 2012	18 Mar 2012						Method of autonomous for ciphering error detection selector
RM125072	GB01	Filed	18 Mar 2012	18 Mar 2012	GB1204814.6					Method of autonomous for ciphering error detection selector
RM125073	Family	Filed	27 Apr 2012	27 Apr 2012						Compression of the TIM for networks supporting a large number of stations
RM125073	GB01	Filed	27 Apr 2012	27 Apr 2012	GB1207413.4					Compression of the TIM for networks supporting a large number of stations
RM125073	WO01	Filed	26 Apr 2013	27 Apr 2012	PCT/IB2013/053307					Compression of the TIM for networks supporting a large number of stations
RM125074	Family	Filed	1 Jun 2012	1 Jun 2012						Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
RM125074	GB01	Filed	1 Jun 2012	1 Jun 2012	GB1209845.5					Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
RM125074	WO01	Filed	31 May 2013	1 Jun 2012	PCT/IB2013/054507					Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
RM125075	Family	Filed	24 Apr 2012	24 Apr 2012						Antenna Arrangement
RM125075	GB01	Filed	24 Apr 2012	24 Apr 2012	GB1207164.3					Antenna Arrangement
RM125075	US01	Filed	17 Apr 2013	24 Apr 2012	US13/864449					Antenna Arrangement
RM125076	Family	Filed	16 Mar 2012	16 Mar 2012						Always-on Mobile UE Power Consumption Improvement
RM125076	GB01	Filed	16 Mar 2012	16 Mar 2012	GB1204681.9					Always-on Mobile UE Power Consumption Improvement
RM125077	Family	Filed	23 Mar 2012	23 Mar 2012						Method to indicate UE front-end capability
RM125077	GB01	POA	23 Mar 2012	23 Mar 2012	GB1205163.7					Method to indicate UE front-end capability

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM125077	JS01	Filed	21 Mar 2013	23 Mar 2012	US13/848413					Method to indicate UE front-end capability
RM125078	Family	Filed	26 Sep 2012	26 Sep 2012						Reconfigurable Rx digital data path architecture with flexible I/O sampling rates
RM125078	WO01	Filed	26 Sep 2012	26 Sep 2012	PCT/IB2012/002222					Reconfigurable Rx digital data path architecture with flexible I/O sampling rates
RM125079	Family	Filed	27 Feb 2012	27 Feb 2012						Preamble Counter calculation scheme for RA on Scell
RM125079	WO01	Filed	27 Feb 2012	27 Feb 2012	PCT/CN2012/071684	WO2013127058	6 Sep 2013			Preamble Counter calculation scheme for RA on Scell
RM125080	Family	Filed	12 Apr 2012	12 Apr 2012						An improvement of time domain based EICIC solution in HetNets
RM125080	WO01	POA	12 Apr 2012	12 Apr 2012	PCT/CN2012/073883					An improvement of time domain based EICIC solution in HetNets
RM125081	Family	Filed	19 Mar 2012	19 Mar 2012						PUCCH enabled simple CoMP operation
RM125081	GB01	POA	19 Mar 2012	19 Mar 2012	GB1204796.5					PUCCH enabled simple CoMP operation
RM125081	JS01	Filed	21 Mar 2012	19 Mar 2012	US13/426080	US20130242764	19 Sep 2013			PUCCH enabled simple CoMP operation
RM125082	Family	Filed	13 Apr 2012	13 Apr 2012						Reverse transmission mechanism in smart grid
RM125082	WO01	Filed	13 Apr 2012	13 Apr 2012	PCT/CN2012/074010					Reverse transmission mechanism in smart grid
RM126001	Family	Filed	25 May 2012	25 May 2012						Memory efficient and generic HW implementation to perform "physical channel segmentation, second interleaving ,subframe segmentation and physical channel mapping" of various transport channels as per 3GPP- 1.28Mcps, TDD mode.
RM126001	N01	Filed	25 May 2012	25 May 2012	IN1579/MUM/2012					Memory efficient and generic HW implementation to perform "physical channel segmentation, second interleaving ,subframe segmentation and physical channel mapping" of various transport channels as per 3GPP- 1.28Mcps, TDD mode.
RM126004	Family	Filed	16 Mar 2012	16 Mar 2012						Enhanced Resource Allocation of UL Control Signaling
RM126004	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072436	WO2013134951	19 Sep 2013			Enhanced Resource Allocation of UL Control Signaling
RM126006	Family	Filed	16 Mar 2012	16 Mar 2012						Adaptation of transmission denial modes for in-device interference
RM126006	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072478	WO2013134961	19 Sep 2013			Adaptation of transmission denial modes for in-device interference
RM126007	Family	Filed	11 Jun 2012	11 Jun 2012						The enhancement of interference coordination scheme in HetNets with flexible TDD configuration
RM126007	WO01	POA	11 Jun 2012	11 Jun 2012	PCT/CN2012/076722					The enhancement of interference coordination scheme in HetNets with flexible TDD configuration
RM126010	Family	Filed	6 Jun 2012	6 Jun 2012						Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126010	GB01	Filed	6 Jun 2012	6 Jun 2012	GB1210002.0					Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126010	JS01	Filed	6 Jun 2013	6 Jun 2012	US13/910500					Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126012	Family	Filed	6 Jul 2012	6 Jul 2012						Apparatus and methods for multiple virtual SIMs communication mechanism
RM126012	WO01	Filed	6 Jul 2012	6 Jul 2012	PCT/CN2012/078297					Apparatus and methods for multiple virtual SIMs communication mechanism
RM126015	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling for PDSCH Fallback Mode on New Carrier Type
RM126015	WO01	POA	19 Mar 2012	19 Mar 2012	PCT/CN2012/072570					Signaling for PDSCH Fallback Mode on New Carrier Type
RM126017	Family	Filed	24 May 2012	24 May 2012						On the enablement of HARQ in contention based transmission
RM126017	GB01	Filed	24 May 2012	24 May 2012	GB1209156.7					On the enablement of HARQ in contention based transmission
RM126017	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054235					On the enablement of HARQ in contention based transmission
RM126020	Family	Filed	5 Apr 2012	5 Apr 2012						Controlling antenna beam width
RM126020	GB01	POA	5 Apr 2012	5 Apr 2012	GB1206165.1					Controlling antenna beam width
RM126020	US01	Filed	29 Mar 2013	5 Apr 2012	US13/853220					Controlling antenna beam width
RM126021	Family	Filed	19 Mar 2012	19 Mar 2012						New way to prevent Ping-Pong effect during S1-handover in IDC.
RM126021	WO01	Filed	19 Mar 2012	19 Mar 2012	PCT/CN2012/072523					New way to prevent Ping-Pong effect during S1-handover in IDC.
RM126022	Family	Filed	11 Jun 2012	11 Jun 2012						A flexible algorithm for arbitration of transmit power between multiple radios
RM126022	GB01	Filed	11 Jun 2012	11 Jun 2012	GB1210257.0					A flexible algorithm for arbitration of transmit power between multiple radios
RM126022	US01	Filed	11 Jun 2013	11 Jun 2012	US13/914659					A flexible algorithm for arbitration of transmit power between multiple radios
RM126024	Family	Filed	23 May 2012	23 May 2012						New subframe structure design for multiple MC UEs in local area
RM126024	WO01	Filed	23 May 2012	23 May 2012	PCT/CN2012/075963					New subframe structure design for multiple MC UEs in local area
RM126025	Family	Filed	16 Mar 2012	16 Mar 2012						System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM126025	IN01	Filed	16 Mar 2012	16 Mar 2012	IN706/MUM/2012					System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM126029	Family	Filed	20 Apr 2012	20 Apr 2012						Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling

Case.ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126029	WO01	POA	20 Apr 2012	20 Apr 2012	PCT/CN2012/074450					Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM126036	Family	Filed	28 Sep 2012	28 Sep 2012						Real-time traffic off-loading mechanism from the WLANs
RM126036	GB01	POA	28 Sep 2012	28 Sep 2012	GB1217424.9					Real-time traffic off-loading mechanism from the WLANs
RM126036	WO01	Filed	17 Sep 2013	28 Sep 2012	PCT/IB2013/058602					Real-time traffic off-loading mechanism from the WLANs
RM126037	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126037	GB01	POA	19 Mar 2012	19 Mar 2012	GB1204734.6					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126037	US01	Filed	13 Sep 2012	19 Mar 2012	US13/614052	US 2013-0244676-A1	19 Sep 2013			Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126037	WO01	Filed	18 Mar 2013	19 Mar 2012	PCT/IB2013/052139					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126039	Family	Filed	16 May 2012	16 May 2012						HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126039	GB01	POA	16 May 2012	16 May 2012	GB1208622.9					HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126039	US01	Filed	16 May 2013	16 May 2012	US13/895404					HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126040	Family	Filed	21 Mar 2012	21 Mar 2012						Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM126040	IN01	Filed	21 Mar 2012	21 Mar 2012	IN760/MUM/2012					Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM126041	Family	Filed	25 May 2012	25 May 2012						Delta-based SINR estimation algorithm in iterative receiver.
RM126041	GB01	POA	25 May 2012	25 May 2012	GB1209248.2					Delta-based SINR estimation algorithm in iterative receiver.
RM126043	Family	Filed	18 Mar 2012	18 Mar 2012						Method of autonomous for ciphering error detection selector
RM126043	GB01	POA	18 Mar 2012	18 Mar 2012	GB1204812.0					Method of autonomous for ciphering error detection selector
RM126043	US01	Filed	29 May 2012	18 Mar 2012	US13/482210	US20130242765	19 Sep 2013			Method of autonomous for ciphering error detection selector
RM126047	Family	Filed	10 Oct 2012	10 Oct 2012						A WSN-assisted UE location optimization method
RM126047	US01	ToFiling		10 Oct 2012						A WSN-assisted UE location optimization method
RM126047	WO01	Filed	10 Oct 2012	10 Oct 2012	PCT/CN2012/082711					A WSN-assisted UE location optimization method
RM126048	Family	Filed	10 May 2012	10 May 2012						METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126048	GB01	POA	10 May 2012	10 May 2012	GB1208219.4					METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126048	US01	Filed	2 May 2013	10 May 2012	US13/875872					METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126049	Family	Filed	29 Jun 2012	29 Jun 2012						IPv6 based peer discovery over-the-air for LTE
RM126049	GB01	POA	29 Jun 2012	29 Jun 2012	GB1211608.3					IPv6 based peer discovery over-the-air for LTE
RM126049	US01	Filed	28 Jun 2013	29 Jun 2012	US13/930228					IPv6 based peer discovery over-the-air for LTE
RM126050	Family	Filed	26 Mar 2012	26 Mar 2012						Method and apparatus of Layer 2 status report re-ordering
RM126050	GB01	POA	26 Mar 2012	26 Mar 2012	GB1205277.5	GB2494944	27 Mar 2013			Method and apparatus of Layer 2 status report re-ordering
RM126051	Family	Filed	14 Aug 2012	14 Aug 2012						Antenna domain interference cancellation for full duplex implementation
RM126051	US01	Filed	14 Aug 2012	14 Aug 2012	US13/585043					Antenna domain interference cancellation for full duplex implementation
RM126051	WO01	Filed	27 Jun 2013	14 Aug 2012	PCT/IB2013/001361					Antenna domain interference cancellation for full duplex implementation
RM126054	Family	Filed	20 Sep 2012	20 Sep 2012						The inter cell interference cancellation/coordination of spreading IFDMA based system for local area environment
RM126054	GB01	Filed	20 Sep 2012	20 Sep 2012	GB1216824.1					The inter cell interference cancellation/coordination of spreading IFDMA based system for local area environment
RM126054	US01	Filed	19 Sep 2013	20 Sep 2012	US14/031,370					The inter cell interference cancellation/coordination of spreading IFDMA based system for local area environment
RM126056	Family	Filed	27 Sep 2012	27 Sep 2012						Design for D2D specific system information
RM126056	GB01	Filed	27 Sep 2012	27 Sep 2012	GB1217314.2					Design for D2D specific system information
RM126056	WO01	Filed	17 Sep 2013	27 Sep 2012	PCT/IB2013/058603					Design for D2D specific system information
RM126057	Family	Filed	29 Jun 2012	29 Jun 2012						Controlling TX antenna selection
RM126057	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211597.8					Controlling TX antenna selection
RM126057	GB02	POA	29 Jun 2012	29 Jun 2012	GB1301486.5					Controlling TX antenna selection
RM126057	US01	Filed	21 Jun 2013	29 Jun 2012	US13/923677					Controlling TX antenna selection
RM126058	Family	Filed	18 Oct 2012	18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM126058	GB01	POA	18 Oct 2012	18 Oct 2012	GB1218745.6					PLL bandwidth switching depending on modulation-and-coding scheme
RM126058	US01	ToFiling		18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM126061	Family	Filed	9 May 2012	9 May 2012						Dual receiver for HSDPA communication
RM126061	GB01	Filed	9 May 2012	9 May 2012	GB1208117.0					Dual receiver for HSDPA communication
RM126061	US01	Filed	9 May 2013	9 May 2012	US13/890474					Dual receiver for HSDPA communication

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126063	Family	Filed	17 May 2012	17 May 2012						Inter-cell group establish and coordination with cross-link interference in HetNet
RM126063	WO01	POA	17 May 2012	17 May 2012	PCT/CN2012/075671					Inter-cell group establish and coordination with cross-link interference in HetNet
RM126065	Family	Filed	19 Oct 2012	19 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM126065	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218807.4					Band-dependent noise shaping in envelope tracking transmitter
RM126065	WO01	ToFiling		19 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM126066	Family	Filed	24 May 2012	24 May 2012						Low power interrupt synchronization
RM126066	GB01	POA	24 May 2012	24 May 2012	GB1209121.1	GB2493416	6 Feb 2013			Low power interrupt synchronization
RM126066	US01	Filed	21 Jan 2013	24 May 2012	US13/746103					Low power interrupt synchronization
RM126066	WO01	POA	22 May 2013	24 May 2012	PCT/IB2013/054233					Low power interrupt synchronization
RM126067	Family	Filed	28 May 2012	28 May 2012						TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM126067	GB01	POA	28 May 2012	28 May 2012	GB1209416.5	GB2491272	28 Nov 2012			TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM126068	Family	Filed	7 Jun 2012	7 Jun 2012						Choosing security context by integrity verification procedure
RM126068	GB01	POA	7 Jun 2012	7 Jun 2012	GB1210046.7	GB2491047	21 Nov 2012			Choosing security context by integrity verification procedure
RM126073	Family	Filed	19 Sep 2012	19 Sep 2012						Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM126073	GB01	Filed	19 Sep 2012	19 Sep 2012	GB1216736.7					Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM126073	WO01	Filed	5 Sep 2013	19 Sep 2012	PCT/IB2013/058303					Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM126074	Family	Filed	31 May 2012	31 May 2012						Modem receiver path delay measurement method
RM126074	GB01	POA	31 May 2012	31 May 2012	GB1209743.2					Modem receiver path delay measurement method
RM126075	Family	Filed	13 Jun 2012	13 Jun 2012						Enhancement on inter-frequency small cell detection
RM126075	WO01	POA	13 Jun 2012	13 Jun 2012	PCT/CN2012/076826					Enhancement on inter-frequency small cell detection
RM126076	Family	Filed	7 Jun 2012	7 Jun 2012						Carrier loading status report in HetNets with extension carrier
RM126076	WO01	Filed	7 Jun 2012	7 Jun 2012	PCT/CN2012/076608					Carrier loading status report in HetNets with extension carrier
RM126078	Family	Filed	11 May 2012	11 May 2012						Method and apparatus of capability reporting per RAT
RM126078	GB01	Filed	11 May 2012	11 May 2012	GB1208321.8					Method and apparatus of capability reporting per RAT
RM126078	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053807					Method and apparatus of capability reporting per RAT
RM126079	Family	Filed	17 May 2012	17 May 2012						Method and apparatus of service based uplink resource selection
RM126079	GB01	Filed	17 May 2012	17 May 2012	GB1208709.4					Method and apparatus of service based uplink resource selection
RM126080	Family	Filed	20 Jun 2012	20 Jun 2012						Method and apparatus of notification of neighbor cell's system information modification
RM126080	GB01	Filed	20 Jun 2012	20 Jun 2012	GB1210984.9					Method and apparatus of notification of neighbor cell's system information modification
RM126080	WO01	Filed	20 Jun 2013	20 Jun 2012	PCT/IB2013/055081					Method and apparatus of notification of neighbor cell's system information modification
RM126081	Family	Filed	10 May 2012	10 May 2012						Enhancement of In-Device Interference TDM solution for Bluetooth
RM126081	WO01	Filed	10 May 2012	10 May 2012	PCT/CN2012/075310					Enhancement of In-Device Interference TDM solution for Bluetooth
RM126082	Family	Filed	24 May 2012	24 May 2012						Method and apparatus of scenario specific call re-establishment
RM126082	GB01	POA	24 May 2012	24 May 2012	GB1209158.3	GB2491046	21 Nov 2012			Method and apparatus of scenario specific call re-establishment
RM126082	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054234					Method and apparatus of scenario specific call re-establishment
RM126084	Family	Filed	30 Oct 2012	30 Oct 2012						Method and Apparatus for Packet Handling During Handover
RM126084	GB01	POA	30 Oct 2012	30 Oct 2012	GB1219485.8					Method and Apparatus for Packet Handling During Handover
RM126084	WO01	InDrafting		30 Oct 2012						Method and Apparatus for Packet Handling During Handover
RM126085	Family	Filed	15 Aug 2012	15 Aug 2012						A radio receiver for the concurrent reception of multi-band carriers
RM126085	GB01	POA	15 Aug 2012	15 Aug 2012	GB1214562.9					A radio receiver for the concurrent reception of multi-band carriers
RM126085	WO01	Filed	27 Jun 2013	15 Aug 2012	PCT/IB2013/001363					A radio receiver for the concurrent reception of multi-band carriers
RM126086	Family	Filed	5 Oct 2012	5 Oct 2012						Efficient Linear Symbol-level Equalization and Interference Suppression for CDMA Systems Utilizing the Conjugate Gradient Algorithm and Fast Transforms
RM126086	GB01	POA	5 Oct 2012	5 Oct 2012	GB1217850.5					Efficient Linear Symbol-level Equalization and Interference Suppression for CDMA Systems Utilizing the Conjugate Gradient Algorithm and Fast Transforms
RM126086	US01	ToFiling		5 Oct 2012						Efficient Linear Symbol-level Equalization and Interference Suppression for CDMA Systems Utilizing the Conjugate Gradient Algorithm and Fast Transforms
RM126088	Family	Filed	30 Oct 2012	30 Oct 2012						PDCP tunneling
RM126088	GB01	POA	30 Oct 2012	30 Oct 2012	GB1219486.6					PDCP tunneling
RM126088	WO01	InDrafting		30 Oct 2012						PDCP tunneling
RM126090	Family	Filed	14 May 2012	14 May 2012						Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126090	GB01	Filed	14 May 2012	14 May 2012	GB1208400.0					Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126090	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/000916					Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126092	Family	Filed	2 Oct 2012	2 Oct 2012						Method and Apparatus to Trigger Direct Communication
RM126092	GB01	Filed	2 Oct 2012	2 Oct 2012	GB1217628.3					Method and Apparatus to Trigger Direct Communication
RM126092	US01	ToFiling		2 Oct 2012						Method and Apparatus to Trigger Direct Communication
RM126093	Family	Filed	2 Oct 2012	2 Oct 2012						Method and Apparatus for Gateway to Trigger Evaluation of Direct Communication
RM126093	GB01	Filed	2 Oct 2012	2 Oct 2012	GB1217630.1					Method and Apparatus for Gateway to Trigger Evaluation of Direct Communication
RM126093	US01	ToFiling		2 Oct 2012						Method and Apparatus for Gateway to Trigger Evaluation of Direct Communication
RM126096	Family	Filed	27 Jun 2012	27 Jun 2012						An ARQ protocol for variable rate transport channel
RM126096	GB01	POA	27 Jun 2012	27 Jun 2012	GB1211419.5					An ARQ protocol for variable rate transport channel
RM126096	WO01	Filed	27 Jun 2013	27 Jun 2012	PCT/IB2013/055289					An ARQ protocol for variable rate transport channel
RM126097	Family	Filed	10 May 2012	10 May 2012						Enhancement of extension carrier information report in HetNet
RM126097	WO01	POA	10 May 2012	10 May 2012	PCT/CN2012/075318					Enhancement of extension carrier information report in HetNet
RM126098	Family	Filed	17 Jul 2012	17 Jul 2012						Enhancement of resource status report in HetNets with extension carrier
RM126098	WO01	Filed	17 Jul 2012	17 Jul 2012	PCT/CN2012/078739					Enhancement of resource status report in HetNets with extension carrier
RM126099	Family	Filed	12 Jul 2012	12 Jul 2012						Fast TBF establishment on PDCH by MS in Packet Idle Mode
RM126099	GB01	Filed	12 Jul 2012	12 Jul 2012	GB1212422.8					Fast TBF establishment on PDCH by MS in Packet Idle Mode
RM126099	WO01	Filed	10 Jul 2013	12 Jul 2012	PCT/IB2013/055662					Fast TBF establishment on PDCH by MS in Packet Idle Mode
RM126100	Family	Filed	10 May 2012	10 May 2012						Adaptation of HARQ-ACK and Periodic CSI Multiplexing in PUCCH
RM126100	WO01	Filed	10 May 2012	10 May 2012	PCT/CN2012/075288					Adaptation of HARQ-ACK and Periodic CSI Multiplexing in PUCCH
RM126101	Family	Filed	7 May 2012	7 May 2012						Design of multi-cell periodic CSI reporting on PUCCH format 3
RM126101	WO01	Filed	7 May 2012	7 May 2012	PCT/CN2012/075149					Design of multi-cell periodic CSI reporting on PUCCH format 3
RM126102	Family	Filed	29 Jun 2012	29 Jun 2012						A downlink frame processing architecture for a receiver
RM126102	IN01	Filed	29 Jun 2012	29 Jun 2012	IN2046/DEL/2012					A downlink frame processing architecture for a receiver
RM126102	WO01	Filed	28 Jun 2013	29 Jun 2012	PCT/IB2013/001379					A downlink frame processing architecture for a receiver
RM126104	Family	Filed	26 Jun 2012	26 Jun 2012						Apparatus and method of cooperative surveillance system
RM126104	WO01	Filed	26 Jun 2012	26 Jun 2012	PCT/CN2012/077547					Apparatus and method of cooperative surveillance system
RM126108	Family	Filed	22 Aug 2012	22 Aug 2012						Using interfaces to improve intermediate processing in benefit of performance
RM126108	GB01	POA	22 Aug 2012	22 Aug 2012	GB1214951.4	GB2493639	13 Feb 2013			Using interfaces to improve intermediate processing in benefit of performance
RM126110	Family	Filed	9 May 2012	9 May 2012						Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126110	WO01	POA	9 May 2012	9 May 2012	PCT/CN2012/075244					Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126113	Family	Filed	11 May 2012	11 May 2012						Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126113	GB01	Granted	11 May 2012	11 May 2012	GB1208303.6	GB2490430	31 Oct 2012	GB2490430	28 Aug 2013	Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126113	WO01	Filed	9 May 2013	11 May 2012	PCT/IB2013/053750					Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126114	Family	Filed	9 Aug 2012	9 Aug 2012						Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM126114	GB01	Filed	9 Aug 2012	9 Aug 2012	GB1214257.6					Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM126114	WO01	Filed	9 Aug 2013	9 Aug 2012	PCT/IB2013/056536					Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM126116	Family	Filed	14 May 2012	14 May 2012						Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126116	GB01	Filed	14 May 2012	14 May 2012	GB1208563.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126116	GB02	Filed	14 May 2012	14 May 2012	GB1301636.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126117	Family	Filed	13 Sep 2012	13 Sep 2012						Enhanced positioning reference signal based RRH discovery scheme
RM126117	WO01	POA	13 Sep 2012	13 Sep 2012	PCT/CN2012/081347					Enhanced positioning reference signal based RRH discovery scheme
RM126121	Family	Filed	5 Oct 2012	5 Oct 2012						Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM126121	GB01	POA	5 Oct 2012	5 Oct 2012	GB1217885.1					Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM126121	US01	InDrafting		5 Oct 2012						Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM126122	Family	Filed	11 May 2012	11 May 2012						Method and apparatus for frequency specific periodical intra-frequency measurement

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126122	GB01	POA	11 May 2012	11 May 2012	GB1208469.5	GB2495569	17 Apr 2013			Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	US01	Filed	25 Mar 2013	11 May 2012	US13/849988					Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053808					Method and apparatus for frequency specific periodical intra-frequency measurement
RM126123	Family	Filed	11 May 2012	11 May 2012						Network Signalled Support of Fast Dormancy Transition to IDLE
RM126123	GB01	Filed	11 May 2012	11 May 2012	GB1208281.4					Network Signalled Support of Fast Dormancy Transition to IDLE
RM126124	Family	Filed	14 May 2012	14 May 2012						L2 Signaling Procedure for Additional Special Subframe Configuration
RM126124	WO01	Filed	14 May 2012	14 May 2012	PCT/CN2012/075438					L2 Signaling Procedure for Additional Special Subframe Configuration
RM126127	Family	Filed	28 Sep 2012	28 Sep 2012						Adaptive D-SR period based on DRX configuration
RM126127	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082269					Adaptive D-SR period based on DRX configuration
RM126128	Family	Filed	11 May 2012	11 May 2012						On PSS SSS and DM RS Collision Avoidance
RM126128	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075389					On PSS SSS and DM RS Collision Avoidance
RM126129	Family	Filed	27 Jun 2012	27 Jun 2012						Common control signaling handling for MTC UE
RM126129	WO01	POA	27 Jun 2012	27 Jun 2012	PCT/CN2012/077605					Common control signaling handling for MTC UE
RM126130	Family	Filed	10 Oct 2012	10 Oct 2012						Joint cell and device to device discovery
RM126130	GB01	Filed	10 Oct 2012	10 Oct 2012	GB1218201.0					Joint cell and device to device discovery
RM126130	WO01	ToFiling		10 Oct 2012						Joint cell and device to device discovery
RM126131	Family	Filed	2 Aug 2012	2 Aug 2012						Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213788.1					Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	WO01	Filed	24 Jul 2013	2 Aug 2012	PCT/IB2013/056058					Method on LTE sharing CRNTI for low periodicity packet transmission
RM126132	Family	Filed	20 Jun 2012	20 Jun 2012						Reduction of Measurement Report Size in challenging signal conditions
RM126132	GB01	Filed	20 Jun 2012	20 Jun 2012	GB1210925.2					Reduction of Measurement Report Size in challenging signal conditions
RM126132	WO01	Filed	18 Jun 2013	20 Jun 2012	PCT/IB2013/054977					Reduction of Measurement Report Size in challenging signal conditions
RM126133	Family	Filed	17 Aug 2012	17 Aug 2012						Data Bridge Between On-Chip Power Domains
RM126133	GB01	POA	17 Aug 2012	17 Aug 2012	GB1214748.4					Data Bridge Between On-Chip Power Domains
RM126133	US01	Filed	12 Feb 2013	17 Aug 2012	US13/763960					Data Bridge Between On-Chip Power Domains
RM126133	WO01	Filed	15 Aug 2013	17 Aug 2012	PCT/IB2013/056660					Data Bridge Between On-Chip Power Domains
RM126135	Family	Filed	13 Jul 2012	13 Jul 2012						EUTRAN measurements and reselection during RRC state transition
RM126135	GB01	Granted	13 Jul 2012	13 Jul 2012	GB1212491.3	GB2493605	13 Feb 2013	GB2493605	7 Aug 2013	EUTRAN measurements and reselection during RRC state transition
RM126137	Family	Filed	11 May 2012	11 May 2012						Necessary signaling and procedures for IDC
RM126137	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075392					Necessary signaling and procedures for IDC
RM126138	Family	Filed	14 May 2012	14 May 2012						Redirection using indexes to tagged frequencies
RM126138	US01	Filed	14 May 2012	14 May 2012	US13/470869					Redirection using indexes to tagged frequencies
RM126139	Family	Filed	16 May 2012	16 May 2012						Outer loop precoder phase combiner adaptation
RM126139	GB01	POA	16 May 2012	16 May 2012	GB1208642.7					Outer loop precoder phase combiner adaptation
RM126139	US01	Filed	30 Apr 2013	16 May 2012	US13/873912					Outer loop precoder phase combiner adaptation
RM126141	Family	Filed	11 May 2012	11 May 2012						An efficient IDC indication prohibition mechanism
RM126141	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075399					An efficient IDC indication prohibition mechanism
RM126142	Family	Filed	26 Sep 2012	26 Sep 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM126142	GB01	Filed	26 Sep 2012	26 Sep 2012	GB1217186.4					On Handling Uplink Retransmission and Discovery Signal Collision
RM126142	US01	ToFiling		26 Sep 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM126143	Family	Filed	1 Jun 2012	1 Jun 2012						Back-off adaptation for access efficiency in the feedback channel
RM126143	GB01	Filed	1 Jun 2012	1 Jun 2012	GB1209823.2					Back-off adaptation for access efficiency in the feedback channel
RM126143	WO01	Filed	31 May 2013	1 Jun 2012	PCT/IB2013/054503					Back-off adaptation for access efficiency in the feedback channel
RM126145	Family	Filed	19 Oct 2012	19 Oct 2012						A novel random access procedure for local area wireless network
RM126145	WO01	POA	19 Oct 2012	19 Oct 2012	PCT/CN2012/083233					A novel random access procedure for local area wireless network
RM126146	Family	Filed	29 Jun 2012	29 Jun 2012						Optimized DRX and SR configuration for diverse data applications
RM126146	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211613.3					Optimized DRX and SR configuration for diverse data applications
RM126146	WO01	Filed	28 Jun 2013	29 Jun 2012	PCT/IB2013/055336					Optimized DRX and SR configuration for diverse data applications
RM126148	Family	Closed								EUTRA capability re-enabling via GERAN / UTRAN
RM126149	Family	Filed	12 Sep 2012	12 Sep 2012						Dynamic additional maximum power reduction
RM126149	GB01	POA	12 Sep 2012	12 Sep 2012	GB1216294.7					Dynamic additional maximum power reduction
RM126149	WO01	Filed	10 Sep 2013	12 Sep 2012	PCT/IB2013/058425					Dynamic additional maximum power reduction
RM126150	Family	Filed	21 May 2012	21 May 2012						Design of interleaving for distributed ePDCCH
RM126150	GB01	POA	11 Sep 2012	21 May 2012	GB1216162.6					Design of interleaving for distributed ePDCCH
RM126150	US01	Filed	11 Feb 2013	21 May 2012	US13/764279					Design of interleaving for distributed ePDCCH
RM126150	WO01	Filed	21 May 2012	21 May 2012	PCT/CN2012/075836					Design of interleaving for distributed ePDCCH
RM126151	Family	Filed	14 May 2012	14 May 2012						Data Transmission Method
RM126151	US01	Filed	14 May 2012	14 May 2012	US61/646535					Data Transmission Method

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126151	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053873					Data Transmission Method
RM126152	Family	Filed	23 Aug 2012	23 Aug 2012						Low-Power LTE New Carrier Type
RM126152	WO01	POA	23 Aug 2012	23 Aug 2012	PCT/CN2012/080505					Low-Power LTE New Carrier Type
RM126153	Family	Filed	14 May 2012	14 May 2012						Signaling Method for Wireless Communication System
RM126153	US01	Filed	14 May 2012	14 May 2012	US61/646811					Signaling Method for Wireless Communication System
RM126153	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053872					Signaling Method for Wireless Communication System
RM126156	Family	Filed	31 Aug 2012	31 Aug 2012						Transmitter envelope delay calibration
RM126156	GB01	Filed	31 Aug 2012	31 Aug 2012	GB1215529.7					Transmitter envelope delay calibration
RM126156	WO01	Filed	29 Aug 2013	31 Aug 2012	PCT/IB2013/058119					Transmitter envelope delay calibration
RM126157	Family	Filed	18 May 2011	18 May 2011						Digitally Controlled Delay
RM126157	FI01	Closed	18 May 2011	18 May 2011	FI20115481					Digitally Controlled Delay
RM126157	WO01	POA	18 May 2012	18 May 2011	PCT/IB2012/052509	WO2012156952	22 Nov 2012			Digitally Controlled Delay
RM126158	Family	Filed	31 May 2012	31 May 2012						System for enhanced interference suppression
RM126158	GB01	Filed	31 May 2012	31 May 2012	GB1209741.6					System for enhanced interference suppression
RM126158	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054472					System for enhanced interference suppression
RM126159	Family	Filed	31 May 2012	31 May 2012						Implicit RS sequence allocation
RM126159	GB01	Filed	31 May 2012	31 May 2012	GB1209744.0					Implicit RS sequence allocation
RM126159	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054471					Implicit RS sequence allocation
RM126162	Family	Filed	26 Jul 2012	26 Jul 2012						Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM126162	WO01	Filed	26 Jul 2012	26 Jul 2012	PCT/CN2012/079216					Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM126164	Family	Filed	20 Jul 2012	20 Jul 2012						A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM126164	WO01	POA	20 Jul 2012	20 Jul 2012	PCT/CN2012/078922					A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM126165	Family	Filed	23 Jul 2012	23 Jul 2012						Enhanced vehicle GW access method in cellular network for vehicle communications
RM126165	WO01	Filed	23 Jul 2012	23 Jul 2012	PCT/CN2012/079056					Enhanced vehicle GW access method in cellular network for vehicle communications
RM126166	Family	Filed	31 May 2012	31 May 2012						CQI reporting and eNB scheduling in support of widely linear receivers
RM126166	GB01	Filed	31 May 2012	31 May 2012	GB1209748.1					CQI reporting and eNB scheduling in support of widely linear receivers
RM126166	WO01	Filed	29 May 2013	31 May 2012	PCT/IB2013/054435					CQI reporting and eNB scheduling in support of widely linear receivers
RM126169	Family	Filed	13 Jul 2012	13 Jul 2012						Small cell discovery and measurement using PDCH and CSI-RS
RM126169	WO01	POA	13 Jul 2012	13 Jul 2012	PCT/CN2012/078619					Small cell discovery and measurement using PDCH and CSI-RS
RM126172	Family	Filed	19 Dec 2012	19 Dec 2012						Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM126172	GB01	Filed	19 Dec 2012	19 Dec 2012	GB1222970.4					Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM126173	Family	Filed	12 Oct 2012	12 Oct 2012						SCH-linked RS configurations for New Carrier Type
RM126173	WO01	POA	12 Oct 2012	12 Oct 2012	PCT/CN2012/082840					SCH-linked RS configurations for New Carrier Type
RM126174	Family	Filed	16 Oct 2012	16 Oct 2012						MIB indication in standalone new carrier type
RM126174	WO01	Filed	16 Oct 2012	16 Oct 2012	PCT/CN2012/083009					MIB indication in standalone new carrier type
RM126177	Family	Filed	5 Oct 2012	5 Oct 2012						Special Subframe configuration for Low-Cost Machine Type Communications
RM126177	WO01	POA	5 Oct 2012	5 Oct 2012	PCT/IB2012/055363					Special Subframe configuration for Low-Cost Machine Type Communications
RM126178	Family	Filed	28 Jun 2012	28 Jun 2012						Necessary signaling and procedures for UE interference cancellation in HetNet
RM126178	WO01	Filed	28 Jun 2012	28 Jun 2012	PCT/CN2012/077722					Necessary signaling and procedures for UE interference cancellation in HetNet
RM126181	Family	Filed	11 Oct 2012	11 Oct 2012						Enhanced power saving method for future HetNet deployment scenario
RM126181	WO01	Filed	11 Oct 2012	11 Oct 2012	PCT/CN2012/082806					Enhanced power saving method for future HetNet deployment scenario
RM126184	Family	Filed	10 Oct 2012	10 Oct 2012						ePDCCH configuration procedure in standalone new carrier type
RM126184	WO01	POA	10 Oct 2012	10 Oct 2012	PCT/CN2012/082688					ePDCCH configuration procedure in standalone new carrier type
RM126185	Family	Filed	13 Sep 2012	13 Sep 2012						Sectorization for hidden terminal mitigation
RM126185	GB01	Filed	13 Sep 2012	13 Sep 2012	GB1216365.5					Sectorization for hidden terminal mitigation
RM126185	US01	Filed	9 Sep 2013	13 Sep 2012	US14/021373					Sectorization for hidden terminal mitigation
RM126188	Family	Filed	14 Jan 2013	14 Jan 2013						On Small Cell and UE Discovery
RM126188	GB01	POA	14 Jan 2013	14 Jan 2013	GB1300632.5					On Small Cell and UE Discovery
RM126190	Family	Filed	10 Oct 2012	10 Oct 2012						Method and apparatus for cell access
RM126190	GB01	Filed	10 Oct 2012	10 Oct 2012	GB1218202.8					Method and apparatus for cell access
RM126190	US01	InDrafting		10 Oct 2012						Method and apparatus for cell access
RM126192	Family	Filed	4 Sep 2012	4 Sep 2012						Power efficient broadcast signal and mode indication for sleeping eNB

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126192	WO01	Filed	4 Sep 2012	4 Sep 2012	PCT/CN2012/080981					Power efficient broadcast signal and mode indication for sleeping eNB
RM126194	Family	Filed	29 Sep 2012	29 Sep 2012						Enhancement of contention based UL transmission in LA network
RM126194	WO01	Filed	29 Sep 2012	29 Sep 2012	PCT/CN2012/082425					Enhancement of contention based UL transmission in LA network
RM126195	Family	Filed	30 Aug 2012	30 Aug 2012						Glitch indicator for carrier aggregation
RM126195	WO01	Filed	30 Aug 2012	30 Aug 2012	PCT/CN2012/080803					Glitch indicator for carrier aggregation
RM126196	Family	Filed	3 Aug 2012	3 Aug 2012						Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126196	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079640					Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126197	Family	Filed	16 Jul 2012	16 Jul 2012						Connectivity Enhancement for Wireless Communication System
RM126197	US01	Filed	16 Jul 2012	16 Jul 2012	US13/550045					Connectivity Enhancement for Wireless Communication System
RM126197	WO01	Filed	15 Jul 2013	16 Jul 2012	PCT/IB2013/055829					Connectivity Enhancement for Wireless Communication System
RM126198	Family	Filed	12 Oct 2012	12 Oct 2012						On ProSe EUTRAN capability in intra-EUTRAN mobility
RM126198	GB01	Filed	12 Oct 2012	12 Oct 2012	GB1218373.7					On ProSe EUTRAN capability in intra-EUTRAN mobility
RM126198	US01	ToFiling		12 Oct 2012						On ProSe EUTRAN capability in intra-EUTRAN mobility
RM126199	Family	Filed	29 Sep 2012	29 Sep 2012						Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126199	WO01	Filed	29 Sep 2012	29 Sep 2012	PCT/CN2012/082465					Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126202	Family	Filed	30 Jul 2012	30 Jul 2012						Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126202	GB01	Granted	30 Jul 2012	30 Jul 2012	GB1213517.4	GB2494754	20 Mar 2013	GB2494754	4 Sep 2013	Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126202	WO01	Filed	26 Jul 2013	30 Jul 2012	PCT/IB2013/056130					Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126203	Family	Filed	7 Nov 2012	7 Nov 2012						Initial access for small nodes with same cell ID
RM126203	WO01	Filed	7 Nov 2012	7 Nov 2012	PCT/CN2012/084197					Initial access for small nodes with same cell ID
RM126204	Family	Filed	29 Jun 2012	29 Jun 2012						Method and apparatus of smart measurement reporting in weak field
RM126204	GB01	POA	29 Jun 2012	29 Jun 2012	GB1211455.9	GB2491277	28 Nov 2012	GB2491277	2 Oct 2013	Method and apparatus of smart measurement reporting in weak field
RM126204	WO01	Filed	26 Jun 2013	29 Jun 2012	PCT/IB2013/055250					Method and apparatus of smart measurement reporting in weak field
RM126206	Family	Filed	19 Oct 2012	19 Oct 2012						Controlling modem RX data paths according to TX antenna selection
RM126206	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218865.2					Controlling modem RX data paths according to TX antenna selection
RM126206	GB02	Filed	23 Oct 2012	19 Oct 2012	GB1219039.3					Controlling modem RX data paths according to TX antenna selection
RM126208	Family	Filed	11 Dec 2012	11 Dec 2012						Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126209	GB01	POA	11 Dec 2012	11 Dec 2012	GB1222292.3					Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126209	US01	Filed	28 Aug 2013	11 Dec 2012	US14/012462					Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126212	Family	Filed	10 Sep 2012	10 Sep 2012						Configuration and Uplink Control Information Transmissions for Inter-eNB Carrier Aggregation
RM126212	WO01	Filed	10 Sep 2012	10 Sep 2012	PCT/CN2012/081182					Configuration and Uplink Control Information Transmissions for Inter-eNB Carrier Aggregation
RM126213	Family	Filed	12 Jul 2012	12 Jul 2012						Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126213	GB01	POA	12 Jul 2012	12 Jul 2012	GB1212389.9	GB2491050	21 Nov 2012			Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126213	WO01	Filed	11 Jul 2013	12 Jul 2012	PCT/IB2013/055703					Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126215	Family	Filed	16 Nov 2012	16 Nov 2012						Enhancement on LP-ABS set in eICIC of HetNets
RM126215	WO01	POA	16 Nov 2012	16 Nov 2012	PCT/CN2012/084731					Enhancement on LP-ABS set in eICIC of HetNets
RM126216	Family	Filed	16 Jul 2012	16 Jul 2012						Energy Efficient OBSS Reporting
RM126216	US01	Filed	16 Jul 2012	16 Jul 2012	US13/549849					Energy Efficient OBSS Reporting
RM126218	Family	Filed	29 Aug 2012	29 Aug 2012						Probe based paging optimization in R12 dense deployed LA scenario
RM126218	WO01	Filed	29 Aug 2012	29 Aug 2012	PCT/CN2012/080706					Probe based paging optimization in R12 dense deployed LA scenario
RM126219	Family	Filed	16 Jul 2012	16 Jul 2012						PS-Poll Sleep Duration Indication
RM126219	GB01	Filed	16 Jul 2012	16 Jul 2012	GB1212647.0					PS-Poll Sleep Duration Indication
RM126219	WO01	Filed	16 Jul 2013	16 Jul 2012	PCT/IB2013/055836					PS-Poll Sleep Duration Indication
RM126220	Family	Filed	16 Jul 2012	16 Jul 2012						Data Exchange Enhancement
RM126220	GB01	POA	16 Jul 2012	16 Jul 2012	GB1212686.8	GB2496235	8 May 2013			Data Exchange Enhancement
RM126221	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart E-RGCH monitoring set maintenance
RM126221	GB01	POA	3 Aug 2012	3 Aug 2012	GB1213875.6	GB2493290	30 Jan 2013			Method and apparatus of smart E-RGCH monitoring set maintenance
RM126222	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart measured result reporting
RM126222	GB01	POA	3 Aug 2012	3 Aug 2012	GB1216293.9	GB2496018	1 May 2013			Method and apparatus of smart measured result reporting
RM126222	US01	Filed	16 Apr 2013	3 Aug 2012	US13/863936					Method and apparatus of smart measured result reporting
RM126222	US02	Filed	18 Sep 2013	3 Aug 2012	US14/030605					Method and apparatus of smart measured result reporting
RM126222	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079646					Method and apparatus of smart measured result reporting

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126224	Family	Filed	2 Aug 2012	2 Aug 2012						Inter-RAT Fast Dormancy and RAT preference indication.
RM126224	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213787.3					Inter-RAT Fast Dormancy and RAT preference indication.
RM126224	WO01	Filed	1 Aug 2013	2 Aug 2012	PCT/IB2013/056312					Inter-RAT Fast Dormancy and RAT preference indication.
RM126225	Family	Filed	10 Aug 2012	10 Aug 2012						L2 controlled fast dormancy
RM126225	GB01	Filed	10 Aug 2012	10 Aug 2012	GB1214343.4					L2 controlled fast dormancy
RM126225	WO01	Filed	9 Aug 2013	10 Aug 2012	PCT/IB2013/056537					L2 controlled fast dormancy
RM126226	Family	Filed	6 Aug 2012	6 Aug 2012						Whitelist for limiting detected set cells for measurement
RM126226	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213969.7					Whitelist for limiting detected set cells for measurement
RM126228	Family	Filed	26 Oct 2012	26 Oct 2012						Handling of CSI reporting upon CQI-mask
RM126228	WO01	POA	26 Oct 2012	26 Oct 2012	PCT/CN2012/083628					Handling of CSI reporting upon CQI-mask
RM126229	Family	Filed	6 Aug 2012	6 Aug 2012						UE power saving indication prohibit timer calculation
RM126229	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213973.9					UE power saving indication prohibit timer calculation
RM126229	US01	Filed	6 Aug 2013	6 Aug 2012	US13/960021					UE power saving indication prohibit timer calculation
RM126230	Family	Filed	6 Aug 2012	6 Aug 2012						Methods of faster cell reselection upon RRC Connection Reject
RM126230	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213964.8					Methods of faster cell reselection upon RRC Connection Reject
RM126230	WO01	Filed	5 Aug 2013	6 Aug 2012	PCT/IB2013/056414					Methods of faster cell reselection upon RRC Connection Reject
RM126231	Family	Filed	31 Oct 2012	31 Oct 2012						Improved method for determining UE power limited status in HSUPA
RM126231	GB01	POA	31 Oct 2012	31 Oct 2012	GB1219583.0	GB2496733	22 May 2013			Improved method for determining UE power limited status in HSUPA
RM126233	Family	Filed	27 Sep 2012	27 Sep 2012						Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126233	WO01	Filed	27 Sep 2012	27 Sep 2012	PCT/CN2012/082178					Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126234	Family	Filed	22 Nov 2012	22 Nov 2012						DRX operation for dual-connection
RM126234	WO01	POA	22 Nov 2012	22 Nov 2012	PCT/CN2012/085056					DRX operation for dual-connection
RM126235	Family	Filed	20 Jul 2012	20 Jul 2012						Control of the enhanced RSSI scan
RM126235	US01	Granted	20 Jul 2012	20 Jul 2012	US13/554132			US8391862	5 Mar 2013	Control of the enhanced RSSI scan
RM126240	Family	Filed	11 Oct 2012	11 Oct 2012						LTE assisted WLAN AP discovery
RM126240	WO01	Filed	11 Oct 2012	11 Oct 2012	PCT/CN2012/082802					LTE assisted WLAN AP discovery
RM126241	Family	Filed	2 Nov 2012	2 Nov 2012						Improved method to maximize uplink resource utilization for E-DCH
RM126241	GB01	POA	2 Nov 2012	2 Nov 2012	GB1219718.2					Improved method to maximize uplink resource utilization for E-DCH
RM126242	Family	Filed	22 Nov 2012	22 Nov 2012						Assistant info for new carrier type mobility
RM126242	WO01	POA	22 Nov 2012	22 Nov 2012	PCT/CN2012/085075					Assistant info for new carrier type mobility
RM126244	Family	Closed								A Novel Safety Message Transmission Solution in Vehicular Networks
RM126245	Family	Filed	31 Oct 2012	31 Oct 2012						Multiplexed Transmission of Data from Multiple DL HARQ Processes for LTE TDD Flexible Switching Operation
RM126245	WO01	POA	31 Oct 2012	31 Oct 2012	PCT/CN2012/083829					Multiplexed Transmission of Data from Multiple DL HARQ Processes for LTE TDD Flexible Switching Operation
RM126246	Family	Filed	6 Sep 2012	6 Sep 2012						Novel energy saving method in HetNet
RM126246	WO01	Filed	6 Sep 2012	6 Sep 2012	PCT/CN2012/081091					Novel energy saving method in HetNet
RM126248	Family	Filed	6 Aug 2012	6 Aug 2012						An efficient IDC autonomous denial prohibition mechanism
RM126248	WO01	POA	6 Aug 2012	6 Aug 2012	PCT/CN2012/079735					An efficient IDC autonomous denial prohibition mechanism
RM126249	Family	Filed	22 Oct 2012	22 Oct 2012						Novel sleeping procedure for LTE new carrier type and future local area network□
RM126249	WO01	POA	22 Oct 2012	22 Oct 2012	PCT/CN2012/083324					Novel sleeping procedure for LTE new carrier type and future local area network□
RM126250	Family	Filed	4 Aug 2012	4 Aug 2012						Antenna port for demodulation of ePDCCH
RM126250	WO01	Filed	4 Aug 2012	4 Aug 2012	PCT/CN2012/079699					Antenna port for demodulation of ePDCCH
RM126251	Family	Filed	6 Aug 2012	6 Aug 2012						CS domain congestion control in combined registration when PS domain is not congested
RM126251	US01	Filed	6 Aug 2012	6 Aug 2012	US61/680027					CS domain congestion control in combined registration when PS domain is not congested
RM126251	US02	Filed	6 Aug 2013	6 Aug 2012	US13/960143					CS domain congestion control in combined registration when PS domain is not congested
RM126252	Family	Filed	10 Dec 2012	10 Dec 2012						Enhanced system and method for blind IQ imbalance correction and estimation
RM126252	WO01	Filed	10 Dec 2012	10 Dec 2012	PCT/IB2012/002870					Enhanced system and method for blind IQ imbalance correction and estimation
RM126255	Family	Filed	3 Oct 2012	3 Oct 2012						Application of hysteresis to triggering and resetting of mobility timers.
RM126255	GB01	POA	3 Oct 2012	3 Oct 2012	GB1217707.7	GB2495006	27 Mar 2013			Application of hysteresis to triggering and resetting of mobility timers.
RM126256	Family	Filed	17 Oct 2012	17 Oct 2012						low power assumption static MTC in connected mode
RM126256	WO01	Filed	17 Oct 2012	17 Oct 2012	PCT/CN2012/083067					low power assumption static MTC in connected mode
RM126257	Family	Filed	16 Oct 2012	16 Oct 2012						Envelope tracking transmitter with variable differential delay
RM126257	GB01	Filed	16 Oct 2012	16 Oct 2012	GB1218574.0					Envelope tracking transmitter with variable differential delay
RM126257	US01	ToFiling		16 Oct 2012						Envelope tracking transmitter with variable differential delay
RM126258	Family	Filed	21 Aug 2012	21 Aug 2012						PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126258	GB01	Filed	21 Aug 2012	21 Aug 2012	GB1214904.3					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	JS01	Filed	21 Aug 2013	21 Aug 2012	US13/972110					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	WO01	Filed	15 Aug 2013	21 Aug 2012	PCT/IB2013/056667					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126260	Family	Filed	10 Oct 2012	10 Oct 2012						Handover procedure with dual connection in local area network
RM126260	WO01	Filed	10 Oct 2012	10 Oct 2012	PCT/CN2012/082724					Handover procedure with dual connection in local area network
RM126261	Family	Filed	18 Jan 2013	18 Jan 2013						A Novel Channel Reservation and Synchronous Transmission Method in WLAN Systems
RM126261	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070711					A Novel Channel Reservation and Synchronous Transmission Method in WLAN Systems
RM126263	Family	Filed	28 Nov 2012	28 Nov 2012						On Enhancing Network Coverage in Future LTE Based Public Safety Systems
RM126263	GB01	Filed	28 Nov 2012	28 Nov 2012	GB1221420.1					On Enhancing Network Coverage in Future LTE Based Public Safety Systems
RM126263	WO01	ToFiling		28 Nov 2012						On Enhancing Network Coverage in Future LTE Based Public Safety Systems
RM126265	Family	Filed	30 Oct 2012	30 Oct 2012						Combining analog inputs with digital control
RM126265	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219522.8					Combining analog inputs with digital control
RM126267	Family	Filed	2 Nov 2012	2 Nov 2012						Common Search Space configuration for Standalone New Carrier Type
RM126267	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1219719.0					Common Search Space configuration for Standalone New Carrier Type
RM126267	US01	ToFiling		2 Nov 2012						Common Search Space configuration for Standalone New Carrier Type
RM126268	Family	Filed	2 Nov 2012	2 Nov 2012						Broadcast signalling configuration for Standalone New Carrier Type
RM126268	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1219791.9					Broadcast signalling configuration for Standalone New Carrier Type
RM126268	US01	ToFiling		2 Nov 2012						Broadcast signalling configuration for Standalone New Carrier Type
RM126269	Family	Filed	8 Oct 2012	8 Oct 2012						Establishment Management for Dual Connection Control in LA
RM126269	WO01	Filed	8 Oct 2012	8 Oct 2012	PCT/CN2012/082546					Establishment Management for Dual Connection Control in LA
RM126270	Family	Filed	26 Sep 2012	26 Sep 2012						Front-end architecture for LB/HB downlink carrier aggregation operation with low IL and harmonic traps
RM126270	WO01	POA	26 Sep 2012	26 Sep 2012	PCT/IB2012/002217					Front-end architecture for LB/HB downlink carrier aggregation operation with low IL and harmonic traps
RM126273	Family	Filed	1 Oct 2012	1 Oct 2012						Signalling the amount of actual A-MPR
RM126273	GB01	POA	1 Oct 2012	1 Oct 2012	GB1217537.8					Signalling the amount of actual A-MPR
RM126273	WO01	ToFiling		1 Oct 2012						Signalling the amount of actual A-MPR
RM126274	Family	Filed	28 Sep 2012	28 Sep 2012						Necessary signaling and procedures to solve IMD in IDC
RM126274	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082370					Necessary signaling and procedures to solve IMD in IDC
RM126275	Family	Filed	7 Jan 2013	7 Jan 2013						On Charging for LTE based Proximity Services Communications
RM126275	GB01	Filed	7 Jan 2013	7 Jan 2013	GB1300217.5					On Charging for LTE based Proximity Services Communications
RM126276	Family	Filed	7 Jan 2013	7 Jan 2013						Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB01	Filed	7 Jan 2013	7 Jan 2013	GB1300940.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB02	Closed	7 Jan 2013	7 Jan 2013	GB1300186.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126277	Family	Filed	10 Oct 2012	10 Oct 2012						HetNet Idle mode reselection X-factor
RM126277	GB01	POA	10 Oct 2012	10 Oct 2012	GB1218203.6					HetNet Idle mode reselection X-factor
RM126278	Family	Filed	30 Oct 2012	30 Oct 2012						Blocking of spurious Inter-frequency & Intersystem measurement reports when Intra Frequency quality is above quality threshold.
RM126278	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219516.0					Blocking of spurious Inter-frequency & Intersystem measurement reports when Intra Frequency quality is above quality threshold.
RM126279	Family	Filed	9 Nov 2012	9 Nov 2012						UE 3D beamforming using multiple CSI-RS resources
RM126279	GB01	POA	9 Nov 2012	9 Nov 2012	GB1220212.3					UE 3D beamforming using multiple CSI-RS resources
RM126279	WO01	ToFiling		9 Nov 2012						UE 3D beamforming using multiple CSI-RS resources
RM126280	Family	Filed	16 Nov 2012	16 Nov 2012						Change of UE capabilities that determine if LTE is supported.
RM126280	GB01	Filed	16 Nov 2012	16 Nov 2012	GB1220693.4					Change of UE capabilities that determine if LTE is supported.
RM126281	Family	Filed	12 Nov 2012	12 Nov 2012						RF FE for antenna sharing
RM126281	GB01	POA	12 Nov 2012	12 Nov 2012	GB1220323.8					RF FE for antenna sharing
RM126282	Family	Filed	5 Oct 2012	5 Oct 2012						Handling of IMS parameters related to RSRVCC in the case of failed H=
RM126282	GB01	Filed	5 Oct 2012	5 Oct 2012	GB1217887.7					Handling of IMS parameters related to RSRVCC in the case of failed H=
RM126283	Family	Filed	2 Oct 2012	2 Oct 2012						EPS attachment with delayed EPS bearer context activation
RM126283	GB01	Filed	2 Oct 2012	2 Oct 2012	GB1217618.6					EPS attachment with delayed EPS bearer context activation
RM126284	Family	Filed	30 Oct 2012	30 Oct 2012						Car roof antenna concept
RM126284	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219524.4					Car roof antenna concept

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126285	Family	Filed	23 Oct 2012	23 Oct 2012						Channel reservation for overcoming OBSS problems
RM126285	GB01	POA	23 Oct 2012	23 Oct 2012	GB1219040.1					Channel reservation for overcoming OBSS problems
RM126285	WO01	ToFiling		23 Oct 2012						Channel reservation for overcoming OBSS problems
RM126286	Family	Filed	2 Nov 2012	2 Nov 2012						Enhanced E-DCH for Robust SI Transmission in HetNet Scenario
RM126286	GB01	POA	2 Nov 2012	2 Nov 2012	GB1219717.4	GB2496959	29 May 2013			Enhanced E-DCH for Robust SI Transmission in HetNet Scenario
RM126287	Family	Filed	5 Nov 2012	5 Nov 2012						Enhanced radio link monitoring for LTE
RM126287	GB01	Filed	5 Nov 2012	5 Nov 2012	GB1219885.9					Enhanced radio link monitoring for LTE
RM126288	Family	Filed	3 Dec 2012	3 Dec 2012						Signaling support for interference cancelling receivers
RM126288	GB01	Filed	3 Dec 2012	3 Dec 2012	GB1221718.8					Signaling support for interference cancelling receivers
RM126290	Family	Filed	30 Oct 2012	30 Oct 2012						Timer Configuration for Enhanced Connectivity
RM126290	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219503.8					Timer Configuration for Enhanced Connectivity
RM126291	Family	Filed	9 May 2013	9 May 2013						Connection release for dual connection in LA network
RM126291	WO01	Filed	9 May 2013	9 May 2013	PCT/CN2013/075419					Connection release for dual connection in LA network
RM126292	Family	Filed	27 Sep 2012	27 Sep 2012						Handling of autonomous denials in a communication system
RM126292	GB01	POA	27 Sep 2012	27 Sep 2012	GB1217315.9					Handling of autonomous denials in a communication system
RM126292	WO01	ToFiling		27 Sep 2012						Handling of autonomous denials in a communication system
RM126293	Family	Filed	4 Oct 2012	4 Oct 2012						Traffic volume measurement enhancement for common E-DCH
RM126293	GB01	POA	4 Oct 2012	4 Oct 2012	GB1217795.2	GB2495608	17 Apr 2013			Traffic volume measurement enhancement for common E-DCH
RM126294	Family	Filed	9 Oct 2012	9 Oct 2012						UM RLC ciphering error detection and recovery indicator
RM126294	GB01	Filed	9 Oct 2012	9 Oct 2012	GB1218091.5					UM RLC ciphering error detection and recovery indicator
RM126295	Family	Filed	28 Sep 2012	28 Sep 2012						A Novel Measurement Pattern to handle glitch for intra-band Deactivated SCell
RM126295	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082405					A Novel Measurement Pattern to handle glitch for intra-band Deactivated SCell
RM126296	Family	Filed	13 Dec 2012	13 Dec 2012						Signaling to convey scrambling code information in support of interference cancelling receivers
RM126296	GB01	Filed	13 Dec 2012	13 Dec 2012	GB1222510.8					Signaling to convey scrambling code information in support of interference cancelling receivers
RM126297	Family	Filed	23 Oct 2012	23 Oct 2012						Short CF-End and Short CF-End+CF-Ack Frame Definition
RM126297	GB01	POA	23 Oct 2012	23 Oct 2012	GB1219044.3					Short CF-End and Short CF-End+CF-Ack Frame Definition
RM126297	US01	ToFiling		23 Oct 2012						Short CF-End and Short CF-End+CF-Ack Frame Definition
RM126298	Family	Filed	5 Dec 2012	5 Dec 2012						DMRS reduction for local area network
RM126298	WO01	Filed	5 Dec 2012	5 Dec 2012	PCT/CN2012/085910					DMRS reduction for local area network
RM126299	Family	Filed	12 Dec 2012	12 Dec 2012						Updating connected cars operational radio parameters
RM126299	GB01	POA	12 Dec 2012	12 Dec 2012	GB1222394.7					Updating connected cars operational radio parameters
RM126300	Family	Filed	21 Nov 2012	21 Nov 2012						Feedback signal selection in iterative receivers
RM126300	GB01	POA	21 Nov 2012	21 Nov 2012	GB1220956.5					Feedback signal selection in iterative receivers
RM126301	Family	Filed	7 Feb 2013	7 Feb 2013						Simplified handover procedure for C/U-plane split LA cells
RM126301	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071519					Simplified handover procedure for C/U-plane split LA cells
RM126302	Family	Filed	28 Dec 2012	28 Dec 2012						New mobility mechanism in WLAN/3GPP interworking
RM126302	WO01	Filed	28 Dec 2012	28 Dec 2012	PCT/CN2012/087825					New mobility mechanism in WLAN/3GPP interworking
RM126304	Family	Filed	19 Dec 2012	19 Dec 2012						Parameterizations of low density parity check matrixes by using interleavers
RM126304	GB01	Filed	19 Dec 2012	19 Dec 2012	GB1222909.2					Parameterizations of low density parity check matrixes by using interleavers
RM126307	Family	Filed	2 Apr 2013	2 Apr 2013						Method and Apparatus for Configuring Measurement Gaps
RM126307	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305895.3					Method and Apparatus for Configuring Measurement Gaps
RM126308	Family	Filed	22 Jan 2013	22 Jan 2013						RLF and HOF handling for dual connection
RM126308	WO01	Filed	22 Jan 2013	22 Jan 2013	PCT/CN2013/070838					RLF and HOF handling for dual connection
RM126309	Family	Filed	17 Jan 2013	17 Jan 2013						A base band analog cancellation scheme to suppress self-interference for full duplex wireless receiver design
RM126309	GB01	Filed	17 Jan 2013	17 Jan 2013	GB1300878.4					A base band analog cancellation scheme to suppress self-interference for full duplex wireless receiver design
RM126311	Family	Filed	4 Dec 2012	4 Dec 2012						Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM126311	GB01	POA	4 Dec 2012	4 Dec 2012	GB1221824.4	GB2499080	7 Aug 2013			Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM126313	Family	Filed	2 Nov 2012	2 Nov 2012						Link Local Domain for 3GPP Proximity Services
RM126313	GB01	POA	2 Nov 2012	2 Nov 2012	GB1219786.9					Link Local Domain for 3GPP Proximity Services
RM126317	Family	Filed	29 Oct 2012	29 Oct 2012						Mode Change Indication
RM126317	GB01	Filed	29 Oct 2012	29 Oct 2012	GB1219399.1					Mode Change Indication
RM126318	Family	Filed	21 Dec 2012	21 Dec 2012						Enhanced best cell detection for high performance GSM capable terminals

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126318	GB01	POA	21 Dec 2012	21 Dec 2012	GB1223288.0					Enhanced best cell detection for high performance GSM capable terminals
RM126319	Family	Filed	21 Dec 2012	21 Dec 2012						New Carrier Type cell DTX mechanisms in LTE
RM126319	GB01	Filed	21 Dec 2012	21 Dec 2012	GB1223272.4					New Carrier Type cell DTX mechanisms in LTE
RM126320	Family	Filed	2 Nov 2012	2 Nov 2012						Necessary signaling and procedure to solve HD3 in IDC
RM126320	WO01	Filed	2 Nov 2012	2 Nov 2012	PCT/CN2012/083989					Necessary signaling and procedure to solve HD3 in IDC
RM126321	Family	Filed	29 May 2013	29 May 2013						A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM126321	GB01	Filed	29 May 2013	29 May 2013	GB1309560.9					A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM126323	Family	Filed	18 Jan 2013	18 Jan 2013						Enhancement of ICIC solution in HetNets with flexible TDD
RM126323	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070662					Enhancement of ICIC solution in HetNets with flexible TDD
RM126324	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage calibration for Rx mixer
RM126324	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222643.7					LO leakage calibration for Rx mixer
RM126325	Family	Filed	7 Feb 2013	7 Feb 2013						Enhanced power saving mode management for dual connection
RM126325	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071546					Enhanced power saving mode management for dual connection
RM126326	Family	Filed	15 Jan 2013	15 Jan 2013						Calibration for envelope tracking shaping table
RM126326	GB01	Filed	15 Jan 2013	15 Jan 2013	GB1300722.4					Calibration for envelope tracking shaping table
RM126327	Family	Filed	10 Dec 2012	10 Dec 2012						Controlling UE Antenna switching
RM126327	GB01	Filed	10 Dec 2012	10 Dec 2012	GB1222189.1					Controlling UE Antenna switching
RM126329	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage estimation / calibration for Rx mixer
RM126329	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222644.5					LO leakage estimation / calibration for Rx mixer
RM126331	Family	Filed	3 Apr 2013	3 Apr 2013						Crystal Temperature Compensation Method and Algorithm
RM126331	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1306013.2					Crystal Temperature Compensation Method and Algorithm
RM126332	Family	Filed	18 Jan 2013	18 Jan 2013						Measurement events configuration for dual connection in local area
RM126332	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070702					Measurement events configuration for dual connection in local area
RM126333	Family	Filed	15 Jan 2013	15 Jan 2013						Adaptive LNA to support single-ended and differential input matching configurations
RM126333	GB01	POA	15 Jan 2013	15 Jan 2013	GB1300700.0					Adaptive LNA to support single-ended and differential input matching configurations
RM126335	Family	Filed	14 Jan 2013	14 Jan 2013						CSI Report triggering with reduced DL control overhead for NCT
RM126335	WO01	Filed	14 Jan 2013	14 Jan 2013	PCT/CN2013/070424					CSI Report triggering with reduced DL control overhead for NCT
RM126336	Family	Filed	7 Dec 2012	7 Dec 2012						A novel network energy saving scheme in HetNet
RM126336	WO01	POA	7 Dec 2012	7 Dec 2012	PCT/CN2012/086156					A novel network energy saving scheme in HetNet
RM126337	Family	Filed	5 Nov 2012	5 Nov 2012						T3212 start with T3412 value if barred or backed off
RM126337	GB01	POA	5 Nov 2012	5 Nov 2012	GB1219862.8					T3212 start with T3412 value if barred or backed off
RM126337	GB02	Filed	9 Aug 2013	5 Nov 2012	GB1314314.4					T3212 start with T3412 value if barred or backed off
RM126338	Family	Filed	31 Jan 2013	31 Jan 2013						3G HSDPA payload lossless compression at L2
RM126338	GB01	Filed	31 Jan 2013	31 Jan 2013	GB1301705.8					3G HSDPA payload lossless compression at L2
RM126339	Family	Filed	29 Jan 2013	29 Jan 2013						Successive PBCH IC method for LTE Release 11
RM126339	GB01	Filed	29 Jan 2013	29 Jan 2013	GB1301552.4					Successive PBCH IC method for LTE Release 11
RM126340	Family	Filed	2 Nov 2012	2 Nov 2012						Intelligent handling of RRC connection release delay
RM126340	GB01	POA	2 Nov 2012	2 Nov 2012	GB1219785.1					Intelligent handling of RRC connection release delay
RM126340	US01	Granted	5 Nov 2012	2 Nov 2012	US13/668940			US8548469	1 Oct 2013	Intelligent handling of RRC connection release delay
RM126341	Family	Filed	9 Jan 2013	9 Jan 2013						On cluster establishment and maintenance in flexible TDD of LA network
RM126341	WO01	Filed	9 Jan 2013	9 Jan 2013	PCT/CN2013/070271					On cluster establishment and maintenance in flexible TDD of LA network
RM126345	Family	Filed	18 Jan 2013	18 Jan 2013						UE assisted WLAN radio resource management in WLAN and 3GPP interworking
RM126345	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070706					UE assisted WLAN radio resource management in WLAN and 3GPP interworking
RM126346	Family	Filed	28 May 2013	28 May 2013						A Novel Base Station Overhearing Scheme for Local Area Cells
RM126346	GB01	Filed	28 May 2013	28 May 2013	GB1309501.3					A Novel Base Station Overhearing Scheme for Local Area Cells
RM126347	Family	Filed	2 Apr 2013	2 Apr 2013						Implicit resource allocation for public safety group communication with restriction indication
RM126347	WO01	Filed	2 Apr 2013	2 Apr 2013	PCT/CN2013/073665					Implicit resource allocation for public safety group communication with restriction indication
RM126349	Family	Filed	3 Nov 2012	3 Nov 2012						Method for resource allocation signaling for EPDCCH
RM126349	WO01	Filed	3 Nov 2012	3 Nov 2012	PCT/CN2012/084042					Method for resource allocation signaling for EPDCCH
RM126351	Family	Filed	12 Dec 2012	12 Dec 2012						Design and Signalling for Enhanced SRS
RM126351	WO01	Filed	12 Dec 2012	12 Dec 2012	PCT/CN2012/086453					Design and Signalling for Enhanced SRS
RM126352	Family	Filed	2 Apr 2013	2 Apr 2013						TDD/FDD FE apparatus
RM126352	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305885.4					TDD/FDD FE apparatus
RM126353	Family	Filed	21 Dec 2012	21 Dec 2012						CQI Feedback Calculation for Reduced DeModulation Reference Signal overhead on New Carrier Type

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126353	WO01	Filed	21 Dec 2012	21 Dec 2012	PCT/CN2012/087155					CQI Feedback Calculation for Reduced DeModulation Reference Signal overhead on New Carrier Type
RM126354	Family	Filed	4 Dec 2012	4 Dec 2012						Flexible Data Frame Delivery
RM126354	GB01	Filed	4 Dec 2012	4 Dec 2012	GB1221812.9					Flexible Data Frame Delivery
RM126355	Family	Filed	1 Apr 2013	1 Apr 2013						Apparatus and method of charging D2D traffic
RM126355	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/000378					Apparatus and method of charging D2D traffic
RM126356	Family	Filed	8 Jan 2013	8 Jan 2013						UE-to-UE reception with measurement receiver
RM126356	GB01	POA	8 Jan 2013	8 Jan 2013	GB1300279.5					UE-to-UE reception with measurement receiver
RM126356	US01	ToFiling		8 Jan 2013						UE-to-UE reception with measurement receiver
RM126360	Family	Filed	15 Apr 2013	15 Apr 2013						Improved scheme on protected resource coordination in small cell enhanced LA network
RM126360	WO01	Filed	15 Apr 2013	15 Apr 2013	PCT/CN2013/074212					Improved scheme on protected resource coordination in small cell enhanced LA network
RM126364	Family	Filed	11 Jan 2013	11 Jan 2013						Procedures to allow UE-specific tx-power modification for UEs supporting different set of NS-values than the eNB is signaling
RM126364	GB01	Filed	11 Jan 2013	11 Jan 2013	GB1300471.8					Procedures to allow UE-specific tx-power modification for UEs supporting different set of NS-values than the eNB is signaling
RM126365	Family	Filed	18 Jan 2013	18 Jan 2013						Adapted CA signaling to support flexible TDD UL/DL reconfiguration
RM126365	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070664					Adapted CA signaling to support flexible TDD UL/DL reconfiguration
RM126367	Family	Filed	14 Nov 2012	14 Nov 2012						System and method of delivering ETWS secondary notification to users with active packet calls
RM126367	GB01	Filed	14 Nov 2012	14 Nov 2012	GB1220510.0					System and method of delivering ETWS secondary notification to users with active packet calls
RM126370	Family	Filed	2 Apr 2013	2 Apr 2013						Signaling for a virtual joint scheduling in distributed systems
RM126370	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305935.7					Signaling for a virtual joint scheduling in distributed systems
RM126371	Family	Filed	27 Mar 2013	27 Mar 2013						Shadow connection manager for enabling intelligent selection between cellular and non-cellular radios
RM126371	GB01	Filed	27 Mar 2013	27 Mar 2013	GB1305629.6					Shadow connection manager for enabling intelligent selection between cellular and non-cellular radios
RM126373	Family	Filed	18 Jan 2013	18 Jan 2013						Enhanced repetition transmission for DL control signal to improve the MTC coverage
RM126373	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070659					Enhanced repetition transmission for DL control signal to improve the MTC coverage
RM126376	Family	Filed	30 May 2013	30 May 2013						Method and apparatus for configuring timing advance groups
RM126376	GB01	Filed	30 May 2013	30 May 2013	GB1309707.6					Method and apparatus for configuring timing advance groups
RM126378	Family	Filed	14 Jan 2013	14 Jan 2013						DCI Size Reduction for Local Area
RM126378	WO01	Filed	14 Jan 2013	14 Jan 2013	PCT/CN2013/070422					DCI Size Reduction for Local Area
RM126385	Family	Filed	8 Feb 2013	8 Feb 2013						Enhanced paging operation for power saving mode
RM126385	WO01	Filed	8 Feb 2013	8 Feb 2013	PCT/CN2013/071570					Enhanced paging operation for power saving mode
RM126387	Family	Filed	9 Jan 2013	9 Jan 2013						Assistance information for CRS interference cancellation with low interference subframe in HetNets
RM126387	WO01	Filed	9 Jan 2013	9 Jan 2013	PCT/CN2013/070273					Assistance information for CRS interference cancellation with low interference subframe in HetNets
RM126388	Family	Filed	5 Jul 2013	5 Jul 2013						Antenna environment profile
RM126388	GB01	Filed	5 Jul 2013	5 Jul 2013	GB1312126.4					Antenna environment profile
RM126389	Family	Filed	31 Jan 2013	31 Jan 2013						Data compression C-Plane aspect
RM126389	GB01	Filed	31 Jan 2013	31 Jan 2013	GB1301707.4					Data compression C-Plane aspect
RM126390	Family	Filed	18 Jan 2013	18 Jan 2013						PRACH coverage improvement for MTC UE
RM126390	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070706					PRACH coverage improvement for MTC UE
RM126392	Family	Filed	18 Jan 2013	18 Jan 2013						A novel method to change TDD configuration of a cluster in eIMTA
RM126392	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070660					A novel method to change TDD configuration of a cluster in eIMTA
RM126393	Family	Filed	4 Jan 2013	4 Jan 2013						Packet Transmission Period Aggregation for Relay Operation in 802.11ah
RM126393	GB01	POA	4 Jan 2013	4 Jan 2013	GB1300143.3					Packet Transmission Period Aggregation for Relay Operation in 802.11ah
RM126394	Family	Filed	21 Dec 2012	21 Dec 2012						STA-Relay Access During Scheduled Transmission Opportunity
RM126394	GB01	Filed	21 Dec 2012	21 Dec 2012	GB1223260.9					STA-Relay Access During Scheduled Transmission Opportunity
RM126395	Family	Filed	17 Jan 2013	17 Jan 2013						Configurable Reference Signal Type for RRM/RLM measurement
RM126395	WO01	Filed	17 Jan 2013	17 Jan 2013	PCT/CN2013/070603					Configurable Reference Signal Type for RRM/RLM measurement
RM126397	Family	Filed	18 Jan 2013	18 Jan 2013						ePDCCH configuration for Standalone New Carrier Type
RM126397	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070669					ePDCCH configuration for Standalone New Carrier Type
RM126398	Family	Filed	9 Aug 2013	9 Aug 2013						On concurrent ProSe and infrastructure based communication
RM126398	GB01	Filed	9 Aug 2013	9 Aug 2013	GB1314325.0					On concurrent ProSe and infrastructure based communication
RM126399	Family	Filed	11 Apr 2013	11 Apr 2013						Method and apparatus of analog predistortion for single-ended modulator
RM126399	GB01	Filed	11 Apr 2013	11 Apr 2013	GB1306596.6					Method and apparatus of analog predistortion for single-ended modulator
RM126402	Family	Filed	1 Apr 2013	1 Apr 2013						Enhanced SCH for coverage improvement for low-cost LTE devices

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126402	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/000380					Enhanced SCH for coverage improvement for low-cost LTE devices
RM126403	Family	Filed	17 Jan 2013	17 Jan 2013						Extended time-domain granularity for PUSCH frequency hopping with TTI bundling
RM126403	WO01	Filed	17 Jan 2013	17 Jan 2013	PCT/CN2013/070602					Extended time-domain granularity for PUSCH frequency hopping with TTI bundling
RM126406	Family	Filed	25 Jan 2013	25 Jan 2013						Method and apparatus for mapping data to logical channels
RM126406	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301356.9					Method and apparatus for mapping data to logical channels
RM126407	Family	Filed	17 Jan 2013	17 Jan 2013						Method for assisting on network selection
RM126407	GB01	POA	17 Jan 2013	17 Jan 2013	GB1300880.0					Method for assisting on network selection
RM126410	Family	Filed	18 Jan 2013	18 Jan 2013						Optimization for HetNet operation
RM126410	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300925.3					Optimization for HetNet operation
RM126411	Family	Filed	21 Feb 2013	21 Feb 2013						Enhanced Physical Discovery Channel for LTE and WiFi interworking
RM126411	WO01	Filed	21 Feb 2013	21 Feb 2013	PCT/CN2013/071744					Enhanced Physical Discovery Channel for LTE and WiFi interworking
RM126412	Family	Filed	16 Jan 2013	16 Jan 2013						CQI enhancement in flexible TDD systems
RM126412	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070558					CQI enhancement in flexible TDD systems
RM126413	Family	Filed	3 Jun 2013	3 Jun 2013						MUE preamble transmission for carrier-based ICIC
RM126413	WO01	Filed	3 Jun 2013	3 Jun 2013	PCT/CN2013/076654					MUE preamble transmission for carrier-based ICIC
RM126415	Family	Filed	3 Apr 2013	3 Apr 2013						Enhanced MIB for non-standalone NCT cell discovery
RM126415	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073702					Enhanced MIB for non-standalone NCT cell discovery
RM126416	Family	Filed	18 Jan 2013	18 Jan 2013						Data Transmissions for Low Cost MTC with Coverage Enhancement
RM126416	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070668					Data Transmissions for Low Cost MTC with Coverage Enhancement
RM126417	Family	Filed	2 Apr 2013	2 Apr 2013						Cell identification signal design form dormant state cell
RM126417	WO01	Filed	2 Apr 2013	2 Apr 2013	PCT/CN2013/073630					Cell identification signal design form dormant state cell
RM126419	Family	Filed	27 Mar 2013	27 Mar 2013						Transmitter linearity improvement
RM126419	GB01	Filed	27 Mar 2013	27 Mar 2013	GB1305635.3					Transmitter linearity improvement
RM126421	Family	Filed	2 Apr 2013	2 Apr 2013						Multi-Dimensional Algebra Solver
RM126421	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305930.8					Multi-Dimensional Algebra Solver
RM126423	Family	Filed	3 Apr 2013	3 Apr 2013						BTS Controlling UE Antenna switching
RM126423	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1305991.0					BTS Controlling UE Antenna switching
RM126424	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary WLAN/LTE interworking procedures and signaling
RM126424	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073755					Necessary WLAN/LTE interworking procedures and signaling
RM126425	Family	Filed	18 Jan 2013	18 Jan 2013						Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM126425	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070707					Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM126427	Family	Filed	21 Feb 2013	21 Feb 2013						UE HW related OTDOA delay measurement period
RM126427	GB01	Filed	21 Feb 2013	21 Feb 2013	GB1303072.1					UE HW related OTDOA delay measurement period
RM126429	Family	Filed	10 Jan 2013	10 Jan 2013						Cross Link BSR Report in Dual Connection
RM126429	WO01	Closed	10 Jan 2013	10 Jan 2013	PCT/CN2013/070314					Cross Link BSR Report in Dual Connection
RM126429	WO02	Filed	18 Jan 2013	10 Jan 2013	PCT/CN2013/070650					Cross Link BSR Report in Dual Connection
RM126430	Family	Filed	21 Jan 2013	21 Jan 2013						Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126430	GB01	Filed	21 Jan 2013	21 Jan 2013	GB1301014.5					Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126432	Family	Filed	24 Jan 2013	24 Jan 2013						On the Transmission Opportunity (TXOP) with HARQ protocol
RM126432	GB01	Filed	24 Jan 2013	24 Jan 2013	GB1301293.5					On the Transmission Opportunity (TXOP) with HARQ protocol
RM126433	Family	Filed	18 Jan 2013	18 Jan 2013						Access control handling upon SRNS relocation
RM126433	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300922.0					Access control handling upon SRNS relocation
RM126434	Family	Filed	9 Apr 2013	9 Apr 2013						Accurate interference level measurement based on power offset indication
RM126434	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073975					Accurate interference level measurement based on power offset indication
RM126435	Family	Filed	25 Feb 2013	25 Feb 2013						Dormant cell detection and report configurations
RM126435	WO01	Filed	25 Feb 2013	25 Feb 2013	PCT/CN2013/071853					Dormant cell detection and report configurations
RM126438	Family	Filed	3 Apr 2013	3 Apr 2013						Autonomous Carrier Allocation Change Occasion of CA based ICIC
RM126438	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073753					Autonomous Carrier Allocation Change Occasion of CA based ICIC
RM126439	Family	Filed	15 Apr 2013	15 Apr 2013						Compatible and Agile Carrier Aggregation Front End #1
RM126439	GB01	Filed	15 Apr 2013	15 Apr 2013	GB1306819.2					Compatible and Agile Carrier Aggregation Front End #1
RM126441	Family	Filed	23 Apr 2013	23 Apr 2013						A novel method to protect WLAN performance from IDC interference
RM126441	WO01	Filed	23 Apr 2013	23 Apr 2013	PCT/CN2013/074577					A novel method to protect WLAN performance from IDC interference
RM126443	Family	Filed	18 Jan 2013	18 Jan 2013						A novel method to change TDD configuration in eIMTA
RM126443	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070705					A novel method to change TDD configuration in eIMTA
RM126445	Family	Filed	17 Jan 2013	17 Jan 2013						Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM126445	WO01	Filed	17 Jan 2013	17 Jan 2013	PCT/CN2013/070605					Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching
RM126446	Family	Filed	2 Jul 2013	2 Jul 2013						Noise shaping in a direct digital transmitter (/in a digital-to-anslog converter)
RM126446	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311823.7					Noise shaping in a direct digital transmitter (/in a digital-to-analog converter)
RM126447	Family	Filed	25 Jan 2013	25 Jan 2013						Timer handling for dual-TVM threshold measurement event.
RM126447	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301362.8					Timer handling for dual-TVM threshold measurement event.
RM126448	Family	Filed	15 Apr 2013	2 Apr 2013						Compatible and Agile Carrier Aggregation Front End, #5
RM126448	GB01	Filed	15 Apr 2013	2 Apr 2013	GB1306821.8					Compatible and Agile Carrier Aggregation Front End, #5
RM126449	Family	Filed	31 May 2012	12 Apr 2012						Modem receiver path delay measurement method #2
RM126449	GB01	Filed	31 May 2012	12 Apr 2012	GB1206729.3					Modem receiver path delay measurement method #2
RM126449	US01	Filed	2 May 2013	12 Apr 2012	US13/875492					Modem receiver path delay measurement method #2
RM126450	Family	Filed	8 Jan 2013	8 Jan 2013						Triggering downlink traffic with timing indication
RM126450	US01	Filed	8 Jan 2013	8 Jan 2013	US61/750132					Triggering downlink traffic with timing indication
RM126451	Family	Filed	18 Jan 2013	18 Jan 2013						Measurement Event Specific CELL_INFO_LIST.
RM126451	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300951.9					Measurement Event Specific CELL_INFO_LIST.
RM126453	Family	Filed	18 Jan 2013	18 Jan 2013						Configurable Reference Configuration to support flexible TDD
RM126453	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070704					Configurable Reference Configuration to support flexible TDD
RM126454	Family	Filed	8 Apr 2013	8 Apr 2013						Trigger+Response Procedure for Low Cost MTC device
RM126454	WO01	Filed	8 Apr 2013	8 Apr 2013	PCT/CN2013/073897					Trigger+Response Procedure for Low Cost MTC device
RM126455	Family	Filed	18 Jan 2013	18 Jan 2013						Method for indicating offloading preference
RM126455	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300965.9					Method for indicating offloading preference
RM126457	Family	Filed	9 Apr 2013	9 Apr 2013						Novel design to adapt inter-band TDD CA HARQ scheme to support flexible TDD HARQ
RM126457	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073960					Novel design to adapt inter-band TDD CA HARQ scheme to support flexible TDD HARQ
RM135002	Family	Filed	8 May 2013	8 May 2013						System and method of handling de-registration procedures based on access restrictions
RM135002	IN01	Filed	8 May 2013	8 May 2013	IN1672/MUM/2013					System and method of handling de-registration procedures based on access restrictions
RM135006	Family	Filed	1 Apr 2013	1 Apr 2013						Additional assistance information for CRS interference cancelation in LA networks with flexible TDD
RM135006	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/000379					Additional assistance information for CRS interference cancelation in LA networks with flexible TDD
RM135007	Family	Filed	3 Jun 2013	3 Jun 2013						Single-ended Modulator utilizing Pseudo Differential Folded Cascode concept
RM135007	GB01	Filed	3 Jun 2013	3 Jun 2013	GB1309886.8					Single-ended Modulator utilizing Pseudo Differential Folded Cascode concept
RM135008	Family	Filed	18 Jan 2013	18 Jan 2013						Multi-granular CSI feedback
RM135008	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300964.2					Multi-granular CSI feedback
RM135009	Family	Filed	19 Sep 2013	19 Sep 2013						Real-time recursive channel estimation for improved channel tracking capability with low-cost computational complexity
RM135009	US01	Filed	19 Sep 2013	19 Sep 2013	US14032010					Real-time recursive channel estimation for improved channel tracking capability with low-cost computational complexity
RM135011	Family	Filed	2 Apr 2013	2 Apr 2013						Assuring mutual authentication in LTE after GSM AKA
RM135011	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305892.0					Assuring mutual authentication in LTE after GSM AKA
RM135012	Family	Filed	3 Apr 2013	3 Apr 2013						Enhancement of RRM measurement mechanism in LA with flexible TDD
RM135012	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073751					Enhancement of RRM measurement mechanism in LA with flexible TDD
RM135015	Family	Filed	3 Apr 2013	3 Apr 2013						Signaling and mechanism to support time switched UL for dual connectivity
RM135015	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073696					Signaling and mechanism to support time switched UL for dual connectivity
RM135017	Family	Filed	29 Mar 2013	29 Mar 2013						Connection Re-establishment after Losing Connection to Network
RM135017	WO01	Filed	29 Mar 2013	29 Mar 2013	PCT/CN2013/073440					Connection Re-establishment after Losing Connection to Network
RM135018	Family	Filed	2 Jul 2010	2 Jul 2010						Boucle d'annulation de composantes continues : Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	FR01	Granted	2 Jul 2010	2 Jul 2010	FR20100055363	FR2962274	6 Jan 2012	FR2962274	10 Aug 2012	Boucle d'annulation de composantes continues : Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	US01	Granted	1 Jul 2011	2 Jul 2010	US13/175457	US20120002757	1 May 2012	US8442155	14 May 2013	Boucle d'annulation de composantes continues : Procedure for the removal of the DC component inherent in a radio frequency chain

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
										Boucle d'annulation de composantes continues
RM135018	US02	Filed	26 Mar 2013	2 Jul 2010	US13/850665	US20130223570	29 Aug 2013			Procedure for the removal of the DC component inherent in a radio frequency chain
RM135023	Family	Filed	12 Apr 2013	12 Apr 2013						Electrical balance duplexer topologies
RM135023	GB01	Filed	12 Apr 2013	12 Apr 2013	GB1306732.7					Electrical balance duplexer topologies
RM135024	Family	Filed	2 Jul 2013	2 Jul 2013						Compact and Accurate Resistor Tuning Network
RM135024	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311869.0					Compact and Accurate Resistor Tuning Network
RM135027	Family	Filed	16 May 2013	16 May 2013						BSS Scaling
RM135027	GB01	Filed	16 May 2013	16 May 2013	GB1308846.3					BSS Scaling
RM135032	Family	Filed	7 Mar 2013	7 Mar 2013						eNB Spectrum indication in CA
RM135032	GB01	Filed	7 Mar 2013	7 Mar 2013	GB1304141.3					eNB Spectrum indication in CA
RM135035	Family	Filed	7 Jun 2013	7 Jun 2013						UE reconfiguration period request
RM135035	GB01	Filed	7 Jun 2013	7 Jun 2013	GB1310205.8					UE reconfiguration period request
RM135037	Family	Filed	5 Mar 2013	5 Mar 2013						Restricted Access Window (RAW) for Mixed BSS Types
RM135037	GB01	Filed	5 Mar 2013	5 Mar 2013	GB1303904.5					Restricted Access Window (RAW) for Mixed BSS Types
RM135039	Family	Filed	15 Mar 2013	15 Mar 2013						on AP controlled access in 802.11
RM135039	GB01	Filed	15 Mar 2013	15 Mar 2013	GB1304836.8					on AP controlled access in 802.11
RM135044	Family	Filed	7 Mar 2013	7 Mar 2013						Novel codeword structure for double codebooks
RM135044	GB01	Filed	7 Mar 2013	7 Mar 2013	GB1304108.2					Novel codeword structure for double codebooks
RM135046	Family	Filed	25 Mar 2013	25 Mar 2013						Method and apparatus for uplink message size reduction
RM135046	GB01	Filed	25 Mar 2013	25 Mar 2013	GB1305375.6					Method and apparatus for uplink message size reduction
RM135048	Family	Filed	3 Jun 2013	3 Jun 2013						Method and Apparatus for Securely Changing Root Key of Chip
RM135048	GB01	Filed	3 Jun 2013	3 Jun 2013	GB1309842.1					Method and Apparatus for Securely Changing Root Key of Chip
RM135049	Family	Filed	10 May 2013	10 May 2013						Method and apparatus for DF-DC mobility
RM135049	GB01	Filed	20 May 2013	10 May 2013	GB1309051.9					Method and apparatus for DF-DC mobility
RM135049	US01	Filed	10 May 2013	10 May 2013	US61/822042					Method and apparatus for DF-DC mobility
RM135051	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary signaling and criteria to de-cluster eIMTA clusters
RM135051	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073756					Necessary signaling and criteria to de-cluster eIMTA clusters
RM135052	Family	Filed	6 Mar 2013	6 Mar 2013						UE adapting to network behavior during CSFB call establishment
RM135052	GB01	Filed	6 Mar 2013	6 Mar 2013	GB1304034.0					UE adapting to network behavior during CSFB call establishment
RM135055	Family	Filed	28 Mar 2013	28 Mar 2013						Automated COUNT-I sync on SRNS relocation
RM135055	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305815.1					Automated COUNT-I sync on SRNS relocation
RM135057	Family	Filed	28 Mar 2013	28 Mar 2013						Method and apparatus for Access Control Information reset and update in Cell-DCH
RM135057	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305808.6					Method and apparatus for Access Control Information reset and update in Cell-DCH
RM135061	Family	Filed	10 May 2013	10 May 2013						Method and apparatus for LPN cells cluster mobility
RM135061	US01	Filed	10 May 2013	10 May 2013	US61/821960					Method and apparatus for LPN cells cluster mobility
RM135062	Family	Filed	18 Apr 2013	18 Apr 2013						Method and apparatus for H(e)NB mobility
RM135062	GB01	Filed	18 Apr 2013	18 Apr 2013	GB1307067.7					Method and apparatus for H(e)NB mobility
RM135064	Family	Filed	28 Mar 2013	28 Mar 2013						Detection of mobility for reset of RACH transmission failure parameters
RM135064	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305740.1					Detection of mobility for reset of RACH transmission failure parameters
RM135067	Family	Filed	5 Apr 2013	5 Apr 2013						Multiple RACH message transmission and combining
RM135067	GB01	Filed	5 Apr 2013	5 Apr 2013	GB1306205.2					Multiple RACH message transmission and combining
RM135069	Family	Filed	18 Jan 2013	18 Jan 2013						Novel WLAn information reporting procedure in LTE-WLAN interworking
RM135069	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070551					Novel WLAn information reporting procedure in LTE-WLAN interworking
RM135070	Family	Filed	5 Apr 2013	5 Apr 2013						PQI signaling for advanced receivers
RM135070	GB01	Filed	5 Apr 2013	5 Apr 2013	GB1306183.3					PQI signaling for advanced receivers
RM135072	Family	Filed	10 May 2013	10 May 2013						HetNet connected mode triggering condition X-factor
RM135072	GB01	Filed	10 May 2013	10 May 2013	GB1308468.6					HetNet connected mode triggering condition X-factor
RM135073	Family	Filed	3 Apr 2013	3 Apr 2013						Enhanced buffer status reporting in dual connectivity
RM135073	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073694					Enhanced buffer status reporting in dual connectivity
RM135077	Family	Filed	10 May 2013	10 May 2013						Method and apparatus of CQI reporting reduction
RM135077	GB01	Filed	10 May 2013	10 May 2013	GB1308448.8					Method and apparatus of CQI reporting reduction
RM135082	Family	Filed	3 Apr 2013	3 Apr 2013						Network triggered UE switch back to LTE from WLAN
RM135082	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073750					Network triggered UE switch back to LTE from WLAN
RM135086	Family	Filed	6 May 2013	6 May 2013						Methods to enable efficient sleep-active eNB mode switch
RM135086	WO01	Filed	6 May 2013	6 May 2013	PCT/CN2013/075194					Methods to enable efficient sleep-active eNB mode switch
RM135089	Family	Filed	11 Jun 2013	11 Jun 2013						Dynamic configuration of receiver SNR to support different modulation types
RM135089	GB01	Filed	11 Jun 2013	11 Jun 2013	GB1310397.3					Dynamic configuration of receiver SNR to support different modulation types
RM135090	Family	Filed	27 Mar 2013	27 Mar 2013						Frame format design for negative acknowledgement with harq support in 802.11

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM135090	US01	Filed	27 Mar 2013	27 Mar 2013	US13/851353					Frame format design for negative acknowledgement with harq support in 802.11
RM135091	Family	Filed	17 May 2013	17 May 2013						A method to receive HS-SCCH channel without reproducing UE masking sequence
RM135091	GB01	Filed	17 May 2013	17 May 2013	GB1308920.6					A method to receive HS-SCCH channel without reproducing UE masking sequence
RM135092	Family	Filed	14 Jun 2013	14 Jun 2013						TDM scheduling enhancements to HSUPA
RM135092	GB01	Filed	14 Jun 2013	14 Jun 2013	GB1310650.5					TDM scheduling enhancements to HSUPA
RM135094	Family	Filed	12 Apr 2013	12 Apr 2013						ANDSF aided network control in 3GPP WLAN interworking
RM135094	WO01	Filed	12 Apr 2013	12 Apr 2013	PCT/CN2013/074128					ANDSF aided network control in 3GPP WLAN interworking
RM135096	Family	Filed	2 Apr 2013	2 Apr 2013						A mechanism to discover devices and application users
RM135096	US01	Filed	2 Apr 2013	2 Apr 2013	US61/807684					A mechanism to discover devices and application users
RM135096	WO01	Filed	9 Sep 2013	2 Apr 2013	PCT/IB2013/058391					A mechanism to discover devices and application users
RM135097	Family	Filed	3 Apr 2013	3 Apr 2013						Solution to handle DL SPS retransmission
RM135097	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073710					Solution to handle DL SPS retransmission
RM135108	Family	Filed	21 May 2013	21 May 2013						Method and apparatus for requesting resources
RM135108	GB01	Filed	21 May 2013	21 May 2013	GB1308144.2					Method and apparatus for requesting resources
RM135112	Family	Filed	10 May 2013	10 May 2013						UE triggered UE switch back to LTE from WLAN
RM135112	WO01	Filed	10 May 2013	10 May 2013	PCT/CN2013/075456					UE triggered UE switch back to LTE from WLAN
RM135114	Family	Filed	10 May 2013	10 May 2013						Configurable Protocol Stack for Dual Connectivity
RM135114	WO01	Filed	10 May 2013	10 May 2013	PCT/CN2013/075458					Configurable Protocol Stack for Dual Connectivity
RM135115	Family	Filed	29 May 2013	29 May 2013						Method and apparatus for indicating network capability
RM135115	GB01	Filed	29 May 2013	29 May 2013	GB1309590.6					Method and apparatus for indicating network capability
RM135118	Family	Filed	10 May 2013	10 May 2013						MTC traffic volume and periodicity threshold indications
RM135118	GB01	Filed	10 May 2013	10 May 2013	GB1308401.7					MTC traffic volume and periodicity threshold indications
RM135119	Family	Filed	31 May 2013	31 May 2013						Channel configuration for UL simultaneous transmission in dual connectivity
RM135119	WO01	Filed	31 May 2013	31 May 2013	PCT/CN2013/076555					Channel configuration for UL simultaneous transmission in dual connectivity
RM135120	Family	Filed	15 Jul 2013	15 Jul 2013						A novel PHY method to change TDD configuration in eIMTA
RM135120	WO01	Filed	15 Jul 2013	15 Jul 2013	PCT/CN2013/079392					A novel PHY method to change TDD configuration in eIMTA
RM135121	Family	Filed	5 Jul 2013	5 Jul 2013						Signalling for Reduced Uplink DM RS
RM135121	WO01	Filed	5 Jul 2013	5 Jul 2013	PCT/CN2013/078880					Signalling for Reduced Uplink DM RS
RM135124	Family	Filed	10 May 2013	10 May 2013						Method and apparatus for an establishment prohibition indication
RM135124	GB01	Filed	10 May 2013	10 May 2013	GB1308459.5					Method and apparatus for an establishment prohibition indication
RM135127	Family	Filed	20 May 2013	20 May 2013						method of handle the activation for SCell
RM135127	WO01	Filed	20 May 2013	20 May 2013	PCT/CN2013/075900					method of handle the activation for SCell
RM135128	Family	Filed	17 May 2013	17 May 2013						Enabling CoMP for flexible TDD systems
RM135128	WO01	Filed	17 May 2013	17 May 2013	PCT/CN2013/075837					Enabling CoMP for flexible TDD systems
RM135129	Family	Filed	21 May 2013	21 May 2013						LTE-A eNB category indication
RM135129	GB01	Filed	21 May 2013	21 May 2013	GB1309103.8					LTE-A eNB category indication
RM135130	Family	Filed	14 Aug 2013	14 Aug 2013						Interference management in a radio system
RM135130	GB01	Filed	14 Aug 2013	14 Aug 2013	GB1314588.3					Interference management in a radio system
RM135132	Family	Filed	11 Jul 2013	11 Jul 2013						Enhanced aperiodic CQI report for flexible TDD systems
RM135132	WO01	Filed	11 Jul 2013	11 Jul 2013	PCT/CN2013/079226					Enhanced aperiodic CQI report for flexible TDD systems
RM135135	Family	Filed	3 Jun 2013	3 Jun 2013						Double codebook improvement
RM135135	US01	Filed	3 Jun 2013	3 Jun 2013	US13/908598					Double codebook improvement
RM135137	Family	Filed	12 Jul 2013	12 Jul 2013						Bi-directional channel tracking scheme in contention based full-duplex communications
RM135137	GB01	Filed	12 Jul 2013	12 Jul 2013	GB1312553.9					Bi-directional channel tracking scheme in contention based full-duplex communications
RM135144	Family	Filed	3 Apr 2012	3 Apr 2012						RM115342 Semi-Persistent Scheduling with Opportunity for Discontinuous Reception
RM135144	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205973.9					RM115342 Semi-Persistent Scheduling with Opportunity for Discontinuous Reception
RM135146	Family	Filed	23 Feb 2012	23 Feb 2012						RM115449 On Feedback Design in Discovery Process
RM135146	GB01	Filed	23 Feb 2012	23 Feb 2012	GB1203165.4	GB2499633	28 Aug 2013			RM115449 On Feedback Design in Discovery Process
RM135149	Family	Filed	2 Jul 2013	2 Jul 2013						Method and apparatus of reconfiguration status indicator
RM135149	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311831.0					Method and apparatus of reconfiguration status indicator
RM135157	Family	Filed	8 Aug 2013	8 Aug 2013						Efficient traffic steering for IDLE/CONNECTED UE
RM135157	WO01	Filed	8 Aug 2013	8 Aug 2013	PCT/CN2013/081087					Efficient traffic steering for IDLE/CONNECTED UE

Case ref.#	Country	Status	Proposed title	Submission date	Invention date	Estimated filing date
RM126193	Family	InDrafting	Transmitter Harmonic Cancellation for Carrier Aggregation/Multiband operation	13 Jun 2012	10 May 2012	
RM126193	WO01	InDrafting	Transmitter Harmonic Cancellation for Carrier Aggregation/Multiband operation	13 Jun 2012	10 May 2012	
RM126314	Family	InDrafting	Wake-up lead-time self-calibration technique for power saving	4 Oct 2012	2 Oct 2012	
RM126314	US01	InDrafting	Wake-up lead-time self-calibration technique for power saving	4 Oct 2012	2 Oct 2012	
RM126358	Family	ToEval	New Attach after cause #19 ESM failure	2 Nov 2012	26 Oct 2012	
RM135019	Family	ToEval	CSI measurement configuration with reduced control signalling on NCT	23 Jan 2013	23 Jan 2013	
RM135058	Family	ToEval	Race condition on uplink data/signaling and CSFB mobile terminated call	22 Feb 2013	21 Feb 2013	
RM135075	Family	InDrafting	Transmitter Intermodulation Cancellation for Carrier Aggregation/Multiband operation	4 Mar 2013	11 Jun 2012	
RM135075	WO01	InDrafting	Transmitter Intermodulation Cancellation for Carrier Aggregation/Multiband operation	4 Mar 2013	11 Jun 2012	
RM135081	Family	ToEval	ESM STATUS to network if the network request to deactivate the default bearer of the last PDN connection	6 Mar 2013	28 Feb 2013	
RM135085	Family	ToEval	Handling repetition length ambiguity for extreme coverage MTC	12 Mar 2013	12 Mar 2013	
RM135102	Family	InDrafting	TTI Bundling Collision Handling	3 Apr 2013	2 Apr 2013	
RM135102	US01	InDrafting	TTI Bundling Collision Handling	3 Apr 2013	2 Apr 2013	
RM135106	Family	ToEval	Mechanism to reduce interference between UEs in flexible TDD systems	8 Apr 2013	8 Apr 2013	
RM135107	Family	InEval	Integrated Multi-Lane Clock Tolerance Compensation and De-Skew mechanism for Wireline interfaces	16 Apr 2013	3 Dec 2012	
RM135110	Family	InEval	Energy saving procedure for non-overlapping scenario	16 Apr 2013	14 Mar 2013	
RM135113	Family	ToEval	Preference indicator to split the UL and DL for macro and small cell scenario with UL/DL power imbalance issue	23 Apr 2013	8 Apr 2013	
RM135116	Family	ToEval	Restoration of HPLMN connectivity	24 Apr 2013	24 Apr 2013	
RM135136	Family	InEval	Accuracy optimization for integrated temperature sensor that uses external NTC	31 May 2013	8 Feb 2012	
RM135139	Family	InDrafting	RSSI hopping algorithm in initial synchronization	7 Jun 2013	7 Jun 2013	
RM135140	Family	ToEval	Enhanced physical layer signaling to support CA in flexible TDD system	8 Jun 2013	28 May 2013	
RM135142	Family	ToEval	Enhanced security design for dual connectivity in small cells	8 Jun 2013	6 Jun 2013	
RM135147	Family	InDrafting	Power control enhancement to compensate interference level changes in TDM scheduled HSUPA	12 Jun 2013	10 Jun 2013	27 Sep 2013
RM135147	US01	InDrafting	Power control enhancement to compensate interference level changes in TDM scheduled HSUPA	12 Jun 2013	10 Jun 2013	27 Sep 2013
RM135150	Family	InEval	Enhanced Harmonic Rejection Mixer	14 Jun 2013	25 Oct 2012	
RM135151	Family	InDrafting	Enhanced SI Transmission	20 Jun 2013	2 Jun 2013	27 Sep 2013
RM135151	US01	InDrafting	Enhanced SI Transmission	20 Jun 2013	2 Jun 2013	27 Sep 2013
RM135153	Family	InEval	3GPP conformable balancing method of electrical balance duplexer	20 Jun 2013	28 Mar 2013	
RM135154	Family	InEval	RF current consumption saving using RF test results in production	17 Jun 2013	16 Apr 2013	
RM135155	Family	InEval	RF current consumption saving at low power level using RF tuning in production	19 Jun 2013	19 Jun 2013	
RM135163	Family	ToEval	RF sensitivity and data throughput improvement by re-arranging/increasing number of receiver's signal paths	5 Jul 2013	4 Jul 2013	
RM135164	Family	InDrafting	Detection of Frequency Correction Burst Transmissions in GSM Networks	9 Jul 2013	9 Jul 2013	
RM135164	US01	InDrafting	Detection of Frequency Correction Burst Transmissions in GSM Networks	9 Jul 2013	9 Jul 2013	
RM135167	Family	InDrafting	On ProSe operation in RRC_Idle	31 Jul 2013	25 Jul 2013	
RM135167	US01	InDrafting	On ProSe operation in RRC_Idle	31 Jul 2013	25 Jul 2013	
RM135168	Family	ToEval	Calibration for CMOS power amplifier	6 Sep 2013	6 Sep 2013	
RM135170	Family	InDrafting	Automatic PLMN selection after manual CSG selection	20 Sep 2013	18 Sep 2013	
RM135171	Family	ToEval	Duplexer tuning period	20 Sep 2013		
RM135172	Family	ToEval	Adaptive optimization of duplexer losses	20 Sep 2013	28 Mar 2013	
RM135173	Family	InEval	RF circuit pin interface arrangement for module concept I	23 Sep 2013	23 Sep 2013	
RM135174	Family	ToEval	RF filter arrangement for dual radio activity filter combination	24 Sep 2013	24 Sep 2013	
RM135175	Family	ToEval	Cartesian Demodulator with Lower Flicker Noise Contribution (Multipath Filtering)	25 Sep 2013	13 Mar 2013	
RM135176	Family	InEval	RMTA RX tuning with multi tone input signals	25 Sep 2013	25 Sep 2013	

RMC #	BRCM #	Country	Patent Application Serial No.	Filing date
RM115001	BF33389EP	EPO	EP11859606.3	21 Feb 2011
RM115001	BF33389CN	China	CN201180070119.0	2/21/2011
RM115013	BF33401EP	EPO	EP12718748.2	23 Mar 2012
RM115013	BF33401CN	China	CN201280022827.1	3/22/2012
RM115018	BU33406	US	14/074,978	08 Nov 2013
RM115022	BF33410WOKR	Korea	KR10-2013-7023540	2/8/2012
RM115022	BF33410WOIN	India	IN1544/MUMNP/2013	2/8/2012
RM115022	BF33410WOJP	Japan	JP2013-553057	2/8/2012
RM115023	BU33411	US	14/007,268	09/24/13
RM115023	BF33411CN	China	CN201180069785.2	3/31/2011
RM115025	BF33413IN	India	IN1406/MUMNP/2013	2/9/2012
RM115025	BF33413JP	Japan	JP2013-55306	2/9/2012
RM115026	BU33414	US	14/124,305	06 Dec 2013
RM115027	BF33415CN	China	CN201180070086.X	4/13/2011
RM115028	BF33416CN	China	CN201280017149.X	2/21/2012
RM115030	BU33418	US	14/008,443	27 Sep 2013
RM115030	BF33418WOEP	EPO	EP12716638.7	30 Mar 2012
RM115030	BF33418WOCN	China	CN201280023997.1	3/30/2012
RM115037	BF33425EP	EPO	EP12721603.4	10 Apr 2012
RM115037	BF33425CN	China	CN201280017165.9	4/10/2012
RM115040	BU33428	US	14/111,243	11 Oct 2013
RM115043	BU33431	US	14/111,577	14 Oct 2013
RM115043	BF33431CN	China	CN201180070118.6	4/15/2011
RM115049	BF33437EP	EPO	EP12723922.6	3 May 2012
RM115049	BF33437CN	China	CN201280033091.8	5/3/2012
RM115061	BU33449	US	14/111,400	11 Oct 2013
RM115072	BU33460	US	14/111,344	11 Oct 2013
RM115076	BU33464	US	14/008,298	27 Sep 2013
RM115076	BF33464CN	China	CN201180069981.X	4/11/2011
RM115082	BU33470	US	14/063,667	25 Oct 2013
RM115089	BU33477	US	14/058664	10/21/2013
RM115089	BF33477EP	EPO	EP11863726.3	21 Apr 2011
RM115089	BF33477CN	China	CN201180070291.6	4/21/2011
RM115094	BU33482C2	US	14/039,600	27 Sep 2013
RM115094	BF33482KR		KR10-2013-7028559	4/2/2012
RM115094	BF33482CN	China	CN201280015030.9	4/2/2012
RM115094	BF33482JP	Japan	JP2014-501806	4/2/2012
RM115097	BF33485WOKR	Korea	KR10-2013-7028560	4/2/2012
RM115097	BF33485WOEP	EPO	EP12719069.2	2 Apr 2012
RM115097	BF33485WOCN	China	CN201280025339.6	4/2/2012
RM115097	BF33485WOIN	India	IN1891/MUMNP/2013	4/2/2012
RM115097	BF33485WOJP	Japan	JP2014-501805	4/2/2012
RM115113	BU33501	US	14/007,996	27 Sep 2013
RM115113	BF33501CN	China	CN201180069783.3	4/2/2012
RM115123	BU33511	US	14/069,450	01 Nov 2013
RM115138	BU33526C1	US	14/069,910	01 Nov 2013
RM115138	BF33526EP	EPO	EP12730268.5	2 May 2011
RM115230	BU33618D1	US	14/084,085	19 Nov 2013
RM115450	BU33838	US	14/291,797	05/30/14
RM125006	BU33922	US	13/900064	22-May-13

RM126058	BU34057	US	14/055,023	16 Oct 2013
RM126084	BF34083WO	PCT	PCT/IB2013/059622	10/24/2013
RM126086	BU34085	US	14/046,071	04 Oct 2013
RM126088	BF34087WO	PCT	PCT/IB2013/059666	10/25/2013
RM126092	BU34091	US	14/041,374	30 Sep 2013
RM126093	BU34092	US	14/041,143	30 Sep 2013
RM126121	BU34120	US	14/045,994	04 Oct 2013
RM126130	BF34129WO	PCT	PCT/IB2013/059229	10/9/2013
RM126142	BU34141	US	14/038063	9/26/2013
RM126149	BF34148WO	PCT	PCT/IB2013/058425	9/10/2013
RM126156	BF34155WO	PCT	PCT/IB2013/058119	8/29/2013
RM126188	BU34187	US	14/153,328	13 Jan 2014
RM126190	BU34189	US	14/049619	10/9/2013
RM126198	BU34197	US	14/051,481	11 Oct 2013
RM126206	BU34205	US	14/056,341	17 Oct 2013
RM126231	BU34230	US	14/066,047	29 Oct 2013
RM126241	BU34240	US	14/066,154	29 Oct 2013
RM126255	BU34254	US	14/045,018	2-Oct-13
RM126255	BF34254EP	EPO	EP 13187184.0	10/2/2013
RM126255	BF34254CN	China	CN201310643335.0	10/8/2013
RM126257	BU34256	US	14/048,545	08 Oct 2013
RM126265	BU34264	US	14/067,049	30 Oct 2013
RM126267	BU34266	US	14/062426	10/24/2013
RM126268	BU34267	US	14/063074	10/25/2013
RM126273	BF34272WO	PCT	PCT/IB2013/059040	10/1/2013
RM126277	BF34276WO	PCT	PCT/IB2013/059242	10/9/2013
RM126278	BF34277WO	PCT	PCT/IB2013/059623	10/24/2013
RM126279	BF34278WO	PCT	PCT/IB2013/002478	11/8/2013
RM126283	BF34282WO	PCT	PCT/IB2013/059038	10/1/2013
RM126284	BU34283	US	14/064,532	28 Oct 2013
RM126285	BU34284	US	14/059,507	22-Oct-13
RM126285	BF34284WO	PCT	PCT/IB2013/059539	10/22/2013
RM126286	BU34285	US	14/069,444	1-Nov-13
RM126286	BF34285CN	China	CN201310535248.3	11/1/2013
RM126287	BF34286WO	PCT	PCT/IB2013/059889	11/4/2013
RM126290	BF34289WO	PCT	PCT/IB2013/059624	10/25/2013
RM126292	BF34291WO	PCT	PCT/IB2013/058898	9/26/2013
RM126294	BU34293	US	14/049,465	09 Oct 2013
RM126297	BU34296	US	14/060,178	22 Oct 2013
RM126311	BU34310	US	14/094,844	12/3/2013
RM126311	BF34310EP	EPO	EP 13195608.8	12/4/2013
RM126313	BF34312WO	PCT	PCT/IB2013/059842	11/1/2013
RM126317	BF34316WO	PCT	PCT/IB2013/059707	10/28/2013
RM126319	BU34318	US	14/133,801	12/19/2013
RM126319	BF34318EP	EPO	EP 13198774.5	12/20/2013
RM126337	BU34336	US	14/036134	9/25/2013
RM126337	BF34336WO	PCT	PCT/IB2013/059667	10/25/2013
RM126356	BU34355	US	14/149,174	01/07/14
RM126432	BU34431	US	14/162,852	24 Jan 2014
RM126433	BU34432	US	14/160,039	1/21/2014
RM126433	BF34432EP	EPO	EP 14151378.8	1/16/2014
RM126455	BU34454	US	14/160,021	1/21/2014
RM126455	BF34454EP	EPO	EP 14151690.6	1/17/2014
RM135139	BU34595	US	14/039,274	27-Sep-13
RM135147	BU34603	US	14/038,910	27-Sep-13

RM135151	BU34607	US	14/039,572	27-Sep-13
RM135164	BU34620	US	14/041,546	30-Sep-13
RM135167	BU34623	US	14/038,142	26-Sep-13
RM135170	BU34843	US	14/039,464	27-Sep-13

NOTARIAL CERTIFICATE

This is to certify that Daisuke Tajiri,

an agent of Tetsuya Tsurumaru, President & COO of

Renesas Electronics Corporation and Hideaki Chaki,

President & CEO of Renesas Mobile Corporation

has stated in my presence that the said Tetsuya Tsurumaru

and Hideaki Chaki

acknowledged themselves to have signed on the attached document.

SEP. 29, 2014

CHUO-KU, TOKYO, JAPAN · ATTACHED TO TOKYO LEGAL AFFAIRS BUREAU · NO. 7-20, 1-CHOME, YAESU · NOTARY

NAKAI Kenji
NOTARY
TOKYO LEGAL AFFAIRS BUREAU

平成２６年登第 677 号

認　　証

嘱託人 ルネサスエレクトロニクス株式会社 代表取締役社長兼COO 鶴丸哲哉 及び 同 ルネサスモバイル株式会社 代表取締役社長 茶木英明の代理人田尻大輔は、本職に対し、鶴丸哲哉及び茶木英明が添付書面の署名につき、自らしたものであることを承認した旨陳述した。

よって、これを認証する。

平成２６年　９　月　29　日、本公証人役場において
東京都中央区八重洲１丁目７番20号
東京法務局所属
公証人
Notary

NAKAI Kenji

総公証 No 153971 号

証　　明

上記署名は、東京法務局所属公証人の署名に相違ないものであり、かつ、その押印は、真実のものであることを証明する。

平成２６年 9 月 29 日

東京法務局長　石田一宏

CERTIFICATE

This is to certify that the signature affixed above has been provided by Notary, duly authorized by the Tokyo Legal Affairs Bureau and that the Official Seal appearing on the same is genuine.

Date SEP.29.2014

Kazuhiro ISHIDA
Director of the Tokyo Legal Affairs Bureau

For legalization by the foreign consul in Japan, this is to certify that the Seal affixed hereto is genuine.

Date SEP.29.2014

A. Ogawa

Tokyo, Ayako OGAWA
Official
Ministry of Foreign Affairs
(Consular Service Division)

ACKNOWLEDGMENT

State of California
County of Orange)

On November 14, 2014 before me, Melinda Sue Waggoner, Notary Public
(insert name and title of the officer)

personally appeared DeAnn Work,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

MELINDA SUE WAGGONER
Commission # 1981279
Notary Public - California
Orange County
My Comm. Expires Jun 8, 2016

Signature _____ **(Seal)**