PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4899361

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENESAS ELECTRONICS CORPORATION	10/25/2013
RENESAS MOBILE CORPORATION	10/25/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14891888

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	106861-1221
NAME OF SUBMITTER:	GWEN M. BENOY
SIGNATURE:	/Gwen M. Benoy/
DATE SIGNED:	04/04/2018

Total Attachments: 52
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EXHIBIT A

AMENDED AND RESTATED PATENT ASSIGNMENT

THIS AMENDED AND PATENT ASSIGNMENT ("Patent Assignment") is made and entered into as of October 25, 2013 (the "Effective Date"), by and between RENESAS ELECTRONICS CORPORATION, a Japanese corporation ("REL"), and RENESAS MOBILE CORPORATION, a Japanese corporation and a wholly owned subsidiary of REL ("RMC" and, collectively with REL, "Assignors" and each individually, an "Assignor") and BROADCOM INTERNATIONAL LIMITED, a limited company incorporated in the Cayman Islands ("Assignee").

WHEREAS, Assignors and Assignee have entered into an Amended and Restated Intellectual Property Assignment, dated as of the date hereof, pursuant to which Assignors have agreed to assign to Assignee the Patents (as defined below).

NOW, THEREFORE, in consideration of the premises and the mutual representations, warranties, covenants and agreements set forth in this Patent Assignment and in the Amended and Restated Intellectual Property Assignment, the parties agree as follows:

1. Patents.

"Patents" means the patents and patent applications listed on 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.

Each Assignor hereby assigns, transfers and conveys to Assignee all of its rights, title and interest in and to the Patents, and all rights, claims and privileges pertaining to the Patents, including, without limitation, rights to the underlying inventions, the right to prosecute and maintain the Patents, and the right to sue and recover damages for past, present and future infringement of any of the Patents.

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IN WITNESS WHEREOF, Assignors 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 ELECTRONICS CORPORATION

By: _____

Name: Hisao Sakurai

Title: Chairman & CEO

RENESAS MOBILE CORPORATION

By: _____

Name: HIDEKI CHAKI

Title: President & CEO

BROADCOM INTERNATIONAL LIMITED

By: _____

Name: Eric Brandt

Title: Director

ACKNOWLEDGMENT

State of California
County of Orange)

On October 17, 2013 before me, Melinda Sue Waggoner, Notary Public
(insert name and title of the officer)

personally appeared Eric Brandt,
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, 2015

Signature _____ (Seal)

[Insert Notary Public acknowledgement]

Attachment A-1
Patents

Case mark	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	8 Jan 2012	10 Jan 2011	CN201280004871.2					Test method for type 3i receiver in multicarrier configuration
RM105002	DE01	ToFiling	8 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	EP01	POA	8 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	FR01	ToFiling	8 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	GB2488629	4 Jul 2012	GB2488629	12 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	IN01	Filed	8 Jan 2012	10 Jan 2011	IN1183/KOLNP/2013					Test method for type 3i receiver in multicarrier configuration
RM105002	IT01	ToFiling	8 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	JP01	Filed	8 Jan 2012	10 Jan 2011	JP6150148/2262					Test method for type 3i receiver in multicarrier configuration
RM105002	KR01	Filed	8 Jan 2012	10 Jan 2011	KR10-2013-7017866					Test method for type 3i receiver in multicarrier configuration
RM105002	NL01	ToFiling	8 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	8 Jan 2012	10 Jan 2011	PCT/EP2012/050199	WO2012096373	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	US13/020888	US20120202482	9 Aug 2012			Registration area updating reject in shared RAN
RM105004	Family	Filed	7 Jan 2011	7 Jan 2011						Limiting system information decoding for AMR
RM105004	CN01	Filed	8 Jan 2012	7 Jan 2011	CN201280004812.X					Limiting system information decoding for AMR
RM105004	DE01	Granted	8 Jan 2012	7 Jan 2011	EP12700798.7			DE602012000001.5	26 Dec 2012	Limiting system information decoding for AMR
RM105004	EP01	Granted	8 Jan 2012	7 Jan 2011	EP12700798.7	EP2481748	29 Aug 2012	EP2481748	26 Dec 2012	Limiting system information decoding for AMR
RM105004	EP02	Filed	8 Jan 2012	7 Jan 2011	EP13160081.7	EP2580441	28 Feb 2013			Limiting system information decoding for AMR
RM105004	FR01	Granted	8 Jan 2012	7 Jan 2011	EP12700798.7			EP2481748	26 Dec 2012	Limiting system information decoding for AMR
RM105004	GB01	Granted	4 Oct 2011	7 Jan 2011	GB1117038.2	GB2484787	25 Apr 2012	GB2484787	31 Oct 2012	Limiting system information decoding for AMR
RM105004	GB02	Granted	4 Oct 2011	7 Jan 2011	GB1211792.9	GB2488058	17 Oct 2012	GB2488058	6 Mar 2013	Limiting system information decoding for AMR
RM105004	IN01	Filed	8 Jan 2012	7 Jan 2011	IN1178/MUMNP/2013					Limiting system information decoding for AMR
RM105004	IT01	Granted	8 Jan 2012	7 Jan 2011	EP12700798.7			EP2481748	26 Dec 2012	Limiting system information decoding for AMR
RM105004	JP01	Filed	29 Aug 2013	7 Jan 2011	JP6150148/2344					Limiting system information decoding for AMR
RM105004	KR01	Filed	8 Jan 2012	7 Jan 2011	KR10-2013-7017866					Limiting system information decoding for AMR
RM105004	NL01	Granted	8 Jan 2012	7 Jan 2011	EP12700798.7			EP2481748	26 Dec 2012	Limiting system information decoding for AMR
RM105004	US01	Granted	7 Jan 2011	7 Jan 2011	US12/984430	US20120176918	12 Jul 2012	US8432449	19 Mar 2013	Limiting system information decoding for AMR
RM105004	US02	Closed	18 May 2012	7 Jan 2011	US13/473613					Limiting system information decoding for AMR
RM105004	WO01	Filed	8 Jan 2012	7 Jan 2011	PCT/EP2012/050197	WO2012093175	12 Jul 2012			Limiting system information decoding for AMR
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	US13/993398					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/CN2011/072629	WO2012108843	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-linear Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network
RM105006	US01	Filed	7 Jan 2011	7 Jan 2011	US13/989405	US20120176436	12 Jul 2012			Non-linear Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network
RM105007	Family	Filed	7 Jan 2011	7 Jan 2011						Methods of AMR logging and reporting
RM105007	US01	Granted	7 Jan 2011	7 Jan 2011	US12/988383	US20120176451	12 Jul 2012	US8548474	1 Oct 2013	Methods of AMR logging and reporting
RM105007	WO01	POA	8 Jan 2012	7 Jan 2011	PCT/EP2012/050053	WO2012093386	12 Jul 2012			Methods of AMR 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	US13/022698	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	US13/981618					New way to acquire TA on Scell without RACH
RM105009	WO01	Filed	1 Feb 2011	1 Feb 2011	PCT/CN2011/070874	WO2012103863	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 systems 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 systems onto TV WS
RM105010	WO01	POA	21 Mar 2012	21 Mar 2011	PCT/EP2012/051347	WO2012127427	27 Sep 2012			Methods to configure future LTE/LTE-A systems 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	US13/023808	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	US13/032459	US20120218906	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105012	WO01	Filed	22 Feb 2012	24 Feb 2011	PCT/EP2012/050808	WO2012114287	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105013	Family	Filed	22 Feb 2011	22 Feb 2011						Method for Starting PDCCH blind accepts based on DCI filter bits
RM105013	US01	Filed	22 Feb 2011	22 Feb 2011	US13/031732	US20120213086	23 Aug 2012			Method for Starting PDCCH blind accepts based on DCI filter bits

PATENT
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Attachment A-1
Patents

Case no.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM105013	Family	Filed	25 Feb 2011	25 Feb 2011						Blind assisted S-CPICH detection
RM105014	US01	Filed	25 Feb 2011	25 Feb 2011	US13035188	US20120219095	30 Aug 2012			Blind assisted 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	US13041949	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/CN2011/071388					Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	US01	Filed	28 Feb 2011	28 Feb 2011	US13/075629					Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	WO01	Filed	28 Feb 2011	28 Feb 2011	PCT/CN2011/071388	WO2012116463	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	US14/003628					Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105021	WO01	POA	9 Mar 2011	9 Mar 2011	PCT/CN2011/071032	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/CN2011/071126	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	US13/985888					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	13 Aug 2013	10 Feb 2011	US13/984172					PUCCH resource allocation for flexible TDD configuration
RM115004	WO01	POA	10 Feb 2011	10 Feb 2011	PCT/CN2011/070815	WO2012105849	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 as 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 as TVWS
RM115008	Family	Filed	1 Mar 2011	1 Mar 2011						Sensing and measurement procedure for operating LTE system in unlicensed band
RM115008	US01	Filed	30 Aug 2013	1 Mar 2011	US14/002487					Sensing and measurement procedure for operating LTE system in unlicensed band
RM115008	WO01	Filed	1 Mar 2011	1 Mar 2011	PCT/CN2011/071429	WO2012119489	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/CN2011/075175	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	GB2489668	17 Oct 2012	GB2489668	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	US13/084841	US20120264448	18 Oct 2012			On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	US02	Granted	8 Oct 2011	12 Apr 2011	US13/267571	US20120263123	18 Oct 2012	US8286389	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/US2012/051602	WO2012149486	18 Oct 2012			On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115012	Family	Filed	28 Mar 2011	28 Mar 2011						Improved LTE DRX with UE based mobility

PATENT
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Attachment A-1
Patents

Case ref #	Country	Status	Filing date	Claimed priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115012	GB01	Filed	23 Mar 2011	23 Mar 2011	GB1105311.8	GB2482413	3 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	US01	POA	23 Mar 2011	23 Mar 2011	US13/071743	US20120243417	27 Sep 2012			Improved LTE DRX with UE based mobility
RM115012	US02	Filed	23 Mar 2012	23 Mar 2011	US13/428193	US20120258699	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	WO01	Filed	26 Mar 2012	23 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	GB2478418	22 Jun 2011	GB2478418	16 Nov 2011	Offline Mode Procedure for Machine Type Communications
RM115013	US01	POA	23 Mar 2011	23 Mar 2011	US13/077762	US20120243422	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115013	US02	Granted	12 Jul 2011	23 Mar 2011	US13/180797			US8139882	28 Feb 2012	Offline Mode Procedure for Machine Type Communications
RM115013	WO01	Filed	23 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 detection and soft constraint for stepband
RM115016	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106036.5	GB2488427	18 May 2012	GB2488427	7 Nov 2012	Equalizer with limited subcarrier detection and soft constraint for stepband
RM115016	US01	Filed	8 Apr 2011	8 Apr 2011	US13/082489	US20120257687	11 Oct 2012			Equalizer with limited subcarrier detection and soft constraint for stepband
RM115016	Family	Filed	10 May 2011	10 May 2011						Methods and apparatus for interference mitigation in BT pico-nets
RM115016	WO01	POA	10 May 2011	10 May 2011	PCT/CN2011/073868	WO2012151741	15 Nov 2012			Methods and apparatus for interference mitigation in BT 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	GB1106492.1	GB2477849	10 Aug 2011	GB2477849	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	US13/078602	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	US13/025606	US20120207243	16 Aug 2012			Precoder selection for 8 Tx precoder cycling
RM115020	WO01	Filed	10 Feb 2012	11 Feb 2011	PCT/IB2012/050814	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	US13/066713					LTE System Setup for Device-to-Device Connection on ISM band
RM115021	WO01	POA	22 Feb 2011	22 Feb 2011	PCT/CN2011/071152	WO2012112126	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 Occasions GAP purpose
RM115022	EP01	Filed	8 Feb 2012	9 Feb 2011	EP12711050.8					Using Priority Measurement Rules to Influence Fach Measurement Occasions GAP purpose
RM115022	GB01	Granted	30 Sep 2011	9 Feb 2011	GB1116216.8	GB2484011	25 Mar 2012	GB2484011	10 Oct 2012	Using Priority Measurement Rules to Influence Fach Measurement Occasions GAP purpose
RM115022	JP01	Filed	8 Feb 2012	9 Feb 2011	PCT/IB2012/050984					Using Priority Measurement Rules to Influence Fach Measurement Occasions GAP purpose
RM115022	US01	Filed	9 Feb 2011	9 Feb 2011	US13/023875	US20120202420	9 Aug 2012			Using Priority Measurement Rules to Influence Fach Measurement Occasions GAP purpose
RM115022	WO01	POA	8 Feb 2012	9 Feb 2011	PCT/IB2012/050984	WO2012107893	16 Aug 2012			Using Priority Measurement Rules to Influence Fach Measurement Occasions 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/CN2011/072338	WO2012138605	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	US13/025295	US20120207011	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
RM115024	WO01	Filed	13 Feb 2012	11 Feb 2011	PCT/IB2012/050840	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 AMR
RM115025	CN01	Filed	9 Feb 2012	9 Feb 2011						Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	DE01	ToFiling	1 Jun 2011	9 Feb 2011	EP11172438.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	EP01	POA	1 Jul 2011	9 Feb 2011	EP11172438.8	EP2429229	14 Mar 2012	EP2429229	11 Sep 2013	Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	EP02	Filed	1 Jul 2011	9 Feb 2011	EP13165123.0	EP2635070	9 Sep 2013			Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	FR01	ToFiling	1 Jul 2011	9 Feb 2011	EP11172438.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	GB01	Granted	1 Jul 2011	9 Feb 2011	GB1111286.1	GB2489163	8 Nov 2011	GB2489163	5 Sep 2012	Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	GB02	Granted	1 Jul 2011	9 Feb 2011	GB1208218.8	GB2489586	8 Sep 2012	GB2489586	3 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	GB03	ToFiling	1 Jul 2011	9 Feb 2011	EP11172438.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	IN01	ToFiling	9 Feb 2012	9 Feb 2011						Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	IT01	ToFiling	1 Jul 2011	9 Feb 2011	EP11172438.8	EP2429229	14 Mar 2012	EP2429229		Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	JP01	Filed	9 Feb 2012	9 Feb 2011						Limiting the reporting of inter-RAT Cells for UMTS AMR

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RM115025	KR01	Filed	9 Feb 2012	9 Feb 2011 KR10-2013-7028780						Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	NL01	ToFiling	1 Jul 2011	9 Feb 2011 EP11172436.8	EP2428229	14 Mar 2012	EP2428229			Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	US01	Granted	9 Feb 2011	9 Feb 2011 US13/023826	US20120202481	9 Aug 2012	US8433321		30 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	US02	Granted	11 Jan 2012	9 Feb 2011 US13/348338	US20120208533	16 Aug 2012	US8478273		2 Jul 2013	Limiting the reporting of inter-RAT Cells for UMTS AMR
RM115025	WO01	POA	9 Feb 2012	9 Feb 2011 PCT/IB2012/000596	WO2012107888	16 Aug 2012				Limiting the reporting of inter-RAT Cells for UMTS AMR
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/CN2011/075603	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 US13/298694	US20120263093	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 US13/558208	US20126302832	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	WO2012138288	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 EP12708937.5						Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	GB01	Granted	21 Oct 2011	21 Feb 2011 GB1118184.3	GB2484827	26 Apr 2012	GB2484827		28 Nov 2012	Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	IN01	Filed	21 Feb 2012	21 Feb 2011 IN1665/MUMNP/2013						Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	JP01	Filed	21 Feb 2012	21 Feb 2011 JP51301724160						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 US13/031356	US20120213071	23 Aug 2012	US8398072		13 Mar 2013	Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	US02	Closed	13 Mar 2012	21 Feb 2011 US13/418867	US20130108802	26 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	WO2012114286	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/IB2012/051568						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/IB2012/051569						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 GB1306303.9	GB2498628	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 US61/470889						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/IB2012/051568						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/IB2012/051569	WO2012131837	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 GB1108668.3	GB2490110	24 Oct 2012				Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB02	Filed	14 Apr 2011	14 Apr 2011 GB1120884.9	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 US13/088881	US20120264446	18 Oct 2012				Auxiliary Channel Configuration to Support Shared Band Operation
RM115032	Family	Filed	14 Feb 2011	14 Feb 2011						Method of prioritizing RACH message content

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R8115032	CN01	Filed	14 Feb 2012	14 Feb 2011	CN201280007748.9					Method of prioritizing RACH message content
R8115032	EP01	Filed	14 Feb 2012	14 Feb 2011	EP12714067.6					Method of prioritizing RACH message content
R8115032	IN01	Filed	2 Aug 2013	14 Feb 2011	IN1422/DELNP/2013					Method of prioritizing RACH message content
R8115032	JP01	Filed	14 Feb 2012	14 Feb 2011	JP2013501781/188					Method of prioritizing RACH message content
R8115032	KR01	Filed	14 Feb 2012	14 Feb 2011	KR10-2013-7024102					Method of prioritizing RACH message content
R8115032	US01	Filed	14 Feb 2011	14 Feb 2011	US13/026812	US20120207102	16 Aug 2012			Method of prioritizing RACH message content
R8115032	WO01	Filed	14 Feb 2012	14 Feb 2011	PCT/GB2012/000088	WO2012110808	23 Aug 2012			Method of prioritizing RACH message content
R8115033	Family	Filed	13 Feb 2011	13 Feb 2011						Power Headroom triggering in Secondary Cell activation
R8115033	EP01	Filed	13 Feb 2012	13 Feb 2011	EP12708363.8					Power Headroom triggering in Secondary Cell activation
R8115033	US01	Closed	13 Feb 2011	13 Feb 2011	US61/442262					Power Headroom triggering in Secondary Cell activation
R8115033	US02	Filed	12 Aug 2013	13 Feb 2011	US13/964495					Power Headroom triggering in Secondary Cell activation
R8115033	WO01	Filed	13 Feb 2012	13 Feb 2011	PCT/GB2012/000042	WO2012107912	16 Aug 2012			Power Headroom triggering in Secondary Cell activation
R8115034	Family	Filed	8 Apr 2011	8 Apr 2011						Enhancements for Connectivity
R8115034	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106255.7	GB2488751	10 Oct 2012	GB2488751	13 Mar 2013	Enhancements for Connectivity
R8115034	GB02	PCA	8 Apr 2011	8 Apr 2011	GB1214182.6	GB2490823	7 Nov 2012			Enhancements for Connectivity
R8115034	US01	Filed	8 Apr 2011	8 Apr 2011	US13/083108	US20120258665	11 Oct 2012			Enhancements for Connectivity
R8115034	WO01	Filed	5 Apr 2012	8 Apr 2011	PCT/GB2012/051705	WO2012137173	11 Oct 2012			Enhancements for Connectivity
R8115035	Family	Filed	28 Apr 2011	28 Apr 2011						Method for enabling in-device interference from Cellular to ISM
R8115035	GB01	Granted	27 Apr 2011	28 Apr 2011	GB1107988.1	GB2490347	31 Oct 2012	GB2490347	1 May 2013	Method for enabling in-device interference from Cellular to ISM
R8115035	US01	Filed	26 Apr 2011	28 Apr 2011	US13/094223	US20120276858	1 Nov 2012			Method for enabling in-device interference from Cellular to ISM
										Methods for Network Controlled Device-to-Device Communication in Future
R8115036	Family	Filed	18 May 2011	18 May 2011						LTE-A System Deployed onto TV White Spaces
										Methods for Network Controlled Device-to-Device Communication in Future
R8115036	GB01	Filed	18 May 2011	19 May 2011	GB1108443.1	GB2491114	28 Nov 2012			LTE-A System Deployed onto TV White Spaces
										Methods for Network Controlled Device-to-Device Communication in Future
R8115036	US01	Filed	18 May 2011	19 May 2011	US13/111832	US20120294163	22 Nov 2012			LTE-A System Deployed onto TV White Spaces
R8115037	Family	Filed	11 Apr 2011	11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
R8115037	CN01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
R8115037	EP01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
R8115037	US01	Granted	11 Apr 2011	11 Apr 2011	US13/083866	US20120258765	11 Oct 2012	US8643111	24 Sep 2013	Adaptive Control of Cell Search Procedure for Idle Mode
R8115037	WO01	Filed	10 Apr 2012	11 Apr 2011	PCT/GB2012/051733	WO2012140469	18 Oct 2012			Adaptive Control of Cell Search Procedure for Idle Mode
R8115038	Family	Filed	2 May 2011	2 May 2011						UE specific cyclic prefix length
R8115038	US01	Filed	2 May 2011	2 May 2011	US13/098810	US20120281551	8 Nov 2012			UE specific cyclic prefix length
R8115040	Family	Filed	12 Apr 2011	12 Apr 2011						Spectrum Sensing for LTE Unlicensed Offloading
R8115040	US01	ToFiling		12 Apr 2011						Spectrum Sensing for LTE Unlicensed Offloading
R8115040	WO01	PCA	12 Apr 2011	12 Apr 2011	PCT/CN2011/072682	WO2012138278	18 Oct 2012			Spectrum Sensing for LTE Unlicensed Offloading
R8115043	Family	Filed	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
R8115043	CN01	ToFiling	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
R8115043	US01	ToFiling	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
R8115043	WO01	Filed	15 Apr 2011	15 Apr 2011	PCT/CN2011/072683	WO2012138301	18 Oct 2012			LTE carrier aggregation configuration on TV White Space bands
R8115045	Family	Filed	19 May 2011	19 May 2011						CS services while MM congestion control is activated
R8115045	EP01	ToFiling	17 May 2012	19 May 2011						CS services while MM congestion control is activated
R8115045	GB01	Granted	19 May 2011	19 May 2011	GB1108434.1	GB2490948	21 Nov 2012	GB2490948	26 Aug 2013	CS services while MM congestion control is activated
R8115045	US01	Filed	18 May 2011	19 May 2011	US13/111186	US20120294143	22 Nov 2012			CS services while MM congestion control is activated
R8115045	US02	Filed	10 Jun 2012	19 May 2011	US13/347378	US20120294144	22 Nov 2012			CS services while MM congestion control is activated
R8115045	WO01	Filed	17 May 2012	19 May 2011	PCT/GB2012/052493	WO2012156948	22 Nov 2012			CS services while MM congestion control is activated
R8115047	Family	Filed	24 May 2011	24 May 2011						QoS Control and Resource Allocation Method for Cellular Controlled D2D
R8115047	GB01	Granted	24 May 2011	24 May 2011	GB1108708.1	GB2491138	28 Nov 2012	GB2491138	22 May 2013	QoS Control and Resource Allocation Method for Cellular Controlled D2D
R8115047	US01	Filed	24 May 2011	24 May 2011	US13/114624	US20120302272	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
R8115047	WO01	Filed	24 May 2012	24 May 2011	PCT/GB2012/052618	WO2012160339	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
R8115049	Family	Filed	3 May 2011	3 May 2011						Optimized uplink power control adjustment state in varying environments
R8115049	CN01	ToFiling		3 May 2011						Optimized uplink power control adjustment state in varying environments
R8115049	EP01	ToFiling		3 May 2011						Optimized uplink power control adjustment state in varying environments
R8115049	GB01	Granted	3 May 2011	3 May 2011	GB1107328.2	GB2479078	28 Sep 2011	GB2479078	27 Jun 2012	Optimized uplink power control adjustment state in varying environments
R8115049	US01	Filed	3 May 2011	3 May 2011	US13/098788	US20120282970	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
R8115049	US02	Granted	2 Nov 2011	3 May 2011	US13/287549			US8229484	24 Jul 2012	Optimized uplink power control adjustment state in varying environments
R8115049	WO01	Filed	3 May 2012	3 May 2011	PCT/GB2012/052338	WO2012150272	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
R8115058	Family	Filed	5 Jul 2011	5 Jul 2011						Apparatus for RF power emulation
R8115058	US01	PCA	9 Jul 2011	5 Jul 2011	US13/178388	US20130015270	10 Jan 2013			Apparatus for RF power emulation
R8115061	Family	Filed	4 Apr 2011	4 Apr 2011						RACH solution on Scell in cross carrier scheduling case
R8115061	WO01	Closed	4 Apr 2011	4 Apr 2011	PCT/CN2011/072453	WO2012135968	11 Oct 2012			RACH solution on Scell in cross carrier scheduling case
R8115062	Family	Filed	2 Jun 2011	2 Jun 2011						Frequency Hopping LTE-A System on License-Exempt Shared Bands
R8115062	GB01	PCA	2 Jun 2011	2 Jun 2011	GB1108868.7	GB2489628	4 Jul 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands

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RM115052	US01	Filed	2 Jun 2011	2 Jun 2011	US13/151527	US20130307744	6 Dec 2013			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	US02	Granted	17 Oct 2011	2 Jun 2011	US13/274860	US20120307888	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
RM115054	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1110114.4	GB2491870	18 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	US01	Filed	15 Jun 2011	15 Jun 2011	US13/160612	US20120323479	20 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	WO01	Filed	13 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	GB1105691.0					Flexible measurement cycle for deactivated Scells
RM115058	GB02	Filed	20 Jan 2012	1 Apr 2011	GB1200878.7	GB2488770	10 Oct 2012			Flexible measurement cycle for deactivated Scells
RM115058	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078064	US20120252432	4 Oct 2012			Flexible measurement cycle for deactivated Scells
RM115056	Family	Filed	9 Sep 2011	9 Sep 2011						Autonomous gaps for paging reception in dual SIM modem
RM115056	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
RM115056	US01	Filed	9 Sep 2011	9 Sep 2011	US13/228016	US20130065844	14 Mar 2013			Autonomous gaps for paging reception in dual SIM modem
RM115056	WO01	Filed	8 Sep 2012	9 Sep 2011	PCT/IB2012/054615	WO2013036955	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	GB1112102.6	GB2485430	16 May 2012	GB2485430	21 Aug 2013	Variable sampling-rate transmitter
RM115060	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183628	US20130016781	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	WO2012138291	18 Oct 2012			Efficient HARQ Scheme for CC specific TDD Configuration
RM115064	Family	Filed	24 May 2011	24 May 2011						Quality-of-Service defined 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 defined 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 defined backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US02	Filed	18 Oct 2011	24 May 2011	US13/276815	US20120300712	29 Nov 2012			Quality-of-Service defined backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	WO01	Filed	22 May 2012	24 May 2011	PCT/IB2012/052569	WO2012160510	29 Nov 2012			Quality-of-Service defined 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	GB1112281.2	GB2492987	23 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	US01	Filed	16 Jul 2011	15 Jul 2011	US13/184992	US20130018221	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	WO2013011489	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	GB1111634.4	GB2493131	30 Jan 2013	GB2493131	3 Jul 2013	Optimized Scheduling for Hybrid Cellular System
RM115068	US01	Filed	11 Jul 2011	11 Jul 2011	US13/180203	US20130016686	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115068	WO01	Filed	9 Jul 2012	11 Jul 2011	PCT/IB2012/053492	WO2013008187	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	GB2494586	20 Mar 2013			ADC clock selection based on temperature
RM115069	GB02	POA	16 Sep 2011	16 Sep 2011	GB1207522.2	GB2498337	26 Sep 2012			ADC clock selection based on temperature
RM115069	US01	Granted	16 Sep 2011	16 Sep 2011	US13/234365	US20130070818	21 Mar 2013	US8653742	8 Oct 2013	ADC clock selection based on temperature
RM115069	US02	POA	16 Sep 2011	16 Sep 2011	US13/628118	US20130070818	21 Mar 2013			ADC clock selection based on temperature
RM115070	Family	Filed	30 Jan 2011	30 Jan 2011						Double polling mechanism for WSN via UE gateway
RM115070	WO01	Filed	30 Jan 2011	30 Jan 2011	PCT/CN2011/070946	WO2013008148	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	GB1105664.4	GB2489590	10 Oct 2012	GB2489590	20 Mar 2013	Infrequent small data transmission method for detached MTC devices
RM115071	US01	Filed	1 Apr 2011	1 Apr 2011	US13/078874	US20120254898	4 Oct 2012			Infrequent small data transmission method for detached MTC devices
RM115071	WO01	POA	2 Apr 2012	1 Apr 2011	PCT/IB2012/051664	WO2012131654	3 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

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R86115872	WO01	POA	11 Apr 2011	11 Apr 2011	PCT/CN2011/072865	WO2012138213	18 Oct 2012			DRX design for CA of carriers with different TDD configuration
R86115873	Family	Filed	28 Sep 2011	28 Sep 2011						Efficient HARQ Timing Design for Flexible TDD Configuration
R86115873	WO01	POA	28 Sep 2011	28 Sep 2011	PCT/CN2011/080189	WO2013044452	4 Apr 2013			Efficient HARQ Timing Design for Flexible TDD Configuration
R86115874	Family	Filed	22 Jun 2011	22 Jun 2011						Adaptive control methods for more efficient HARQ memory usage
R86115874	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110560.6	GB2492128	27 Dec 2012	GB2492128	7 Aug 2013	Adaptive control methods for more efficient HARQ memory usage
R86115874	US01	POA	22 Jun 2011	22 Jun 2011	US13/166889	US20120331241	27 Dec 2012			Adaptive control methods for more efficient HARQ memory usage
R86115875	Family	Filed	23 Aug 2011	23 Aug 2011						Random Access Preamble Structure for UEs in Relay Cell
R86115875	GB01	POA	23 Aug 2011	23 Aug 2011	GB1114202.2	GB2495963	24 Apr 2013			Random Access Preamble Structure for UEs in Relay Cell
R86115875	US01	Filed	29 Aug 2011	23 Aug 2011	US13/198366	US20130061307	28 Feb 2013			Random Access Preamble Structure for UEs in Relay Cell
R86115876	Family	Filed	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
R86115876	CN01	ToFiling	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
R86115876	US01	ToFiling	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
R86115876	WO01	Filed	11 Apr 2011	11 Apr 2011	PCT/CN2011/072860	WO2012138274	18 Oct 2012			Uplink Feedback Optimization for CC Specific TDD Configuration
R86115878	Family	Filed	27 Apr 2011	27 Apr 2011						UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
R86115878	GB01	Closed	27 Apr 2011	27 Apr 2011	GB1107074.5	GB2478958	19 Oct 2011			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
R86115878	US01	Filed	27 Apr 2011	27 Apr 2011	US13/095241	US20120278507	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
R86115878	WO01	Filed	27 Apr 2012	27 Apr 2011	PCT/EP2012/052125	WO2012147059	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
R86115879	Family	Filed	18 Jun 2011	18 Jun 2011						New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
R86115879	GB01	Filed	18 Jun 2011	18 Jun 2011	GB1110209.2	GB2491887	19 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
R86115879	US01	Filed	18 Jun 2011	18 Jun 2011	US13/161649	US20120320784	20 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
R86115879	US02	Granted	21 Oct 2011	18 Jun 2011	US13/278442	US20120320789	20 Dec 2012	US8320278	27 Nov 2012	New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
R86115882	Family	Filed	28 Apr 2011	28 Apr 2011						PHICH Transmissions with CC-specific TDD UL/DL configurations
R86115882	WO01	POA	28 Apr 2011	28 Apr 2011	PCT/CN2011/073440	WO2012145907	1 Nov 2012			PHICH Transmissions with CC-specific TDD UL/DL configurations
R86115884	Family	Filed	30 May 2011	30 May 2011						WiFi-assisted LTE transmission on unlicensed band.
R86115884	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074878	WO2012162875	6 Dec 2012			WiFi-assisted LTE transmission on unlicensed band.
R86115885	Family	Filed	3 Jun 2011	3 Jun 2011						On spectrum sharing and allocation strategies for LTE on ISM Band
R86115885	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
R86115885	US01	Filed	3 Jun 2011	3 Jun 2011	US13/153628	US20120307876	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
R86115885	WO01	Filed	1 Jun 2012	3 Jun 2011	PCT/EP2012/062771	WO2012164328	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
R86115887	Family	Filed	20 May 2011	20 May 2011						Quality algorithm for deep clock calibration
R86115887	GB01	Closed	20 May 2011	20 May 2011	GB1108512.3	not to be published				Quality algorithm for deep clock calibration
R86115887	GB02	Filed	20 Nov 2011	20 May 2011	GB1120543.3	GB2490880	21 Nov 2012			Quality algorithm for deep clock calibration
R86115887	GB03	Granted	29 Nov 2011	20 May 2011	GB1120566.9	GB2491001	21 Nov 2012	GB2491001	8 May 2013	Quality algorithm for deep clock calibration
R86115887	US01	Closed	20 May 2011	20 May 2011	US13/112038					Quality algorithm for deep clock calibration
R86115887	US02	POA	2 Dec 2011	20 May 2011	US13/310068	US20120294212	22 Nov 2012			Quality algorithm for deep clock calibration
R86115887	WO01	Filed	17 May 2012	20 May 2011	PCT/EP2012/052484	WO2012160499	29 Nov 2012			Quality algorithm for deep clock calibration
R86115888	Family	Filed	6 Jun 2011	6 Jun 2011						LTE-HSPA HARQ Optimization
R86115888	GB01	Filed	8 Jun 2011	6 Jun 2011	GB1109449.7	GB2491815	19 Dec 2012			LTE-HSPA HARQ Optimization
R86115888	US01	Filed	6 Jun 2011	6 Jun 2011	US13/153788	US20120307919	6 Dec 2012			LTE-HSPA HARQ Optimization
R86115888	US02	Granted	13 Mar 2012	6 Jun 2011	US13/418223			US8270364	18 Sep 2012	LTE-HSPA HARQ Optimization
R86115888	WO01	Filed	4 Jun 2012	6 Jun 2011	PCT/EP2012/062789	WO2012168943	13 Dec 2012			LTE-HSPA HARQ Optimization
R86115889	Family	Filed	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
R86115889	CN01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
R86115889	EP01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
R86115889	US01	ToFiling	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local-Area
R86115889	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
R86115890	Family	Filed	30 May 2011	30 May 2011						HARQ Procedures for Dynamical TDD configuration
R86115890	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074887	WO2012162877	6 Dec 2012			HARQ Procedures for Dynamical TDD configuration
R86115891	Family	Filed	28 Apr 2011	28 Apr 2011						Robustness improvement to EUTRAN system information acquisition
R86115891	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107208.3	GB2490362	31 Oct 2012	GB2490362	20 Mar 2013	Robustness improvement to EUTRAN system information acquisition

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Patents

Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115201	US01	Filed	26 Apr 2011	26 Apr 2011	US13/095192	US20120276203	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115201	WO01	Filed	27 Apr 2012	26 Apr 2011	PCT/GB2012/052109	WO2012147049	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115202	Family	Filed	26 Jun 2011	26 Jun 2011						Dual-SIM power reduction by closing down SIM system without service
RM115202	GB01	Granted	10 Aug 2011	26 Jun 2011	GB1110887.6	GB2481702	4 Jan 2012	GB2481702	12 Dec 2012	Dual-SIM power reduction by closing down SIM system without service
RM115202	US01	Filed	26 Jun 2011	26 Jun 2011	US13/170885	US20130005290	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115202	US02	Granted	11 Jan 2012	26 Jun 2011	US13/348942	US20130005291	3 Jan 2013	US8594187	5 Oct 2013	Dual-SIM power reduction by closing down SIM system without service
RM115202	WO01	POA	26 Jun 2012	26 Jun 2011	PCT/GB2012/053224	WO2013001452	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115204	Family	Filed	1 Apr 2011	1 Apr 2011						Method of pending security abortion indication
RM115204	CN01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115204	EP01	Filed	7 Oct 2011	1 Apr 2011	EP11184417.1	EP2586614	3 Oct 2012			Method of pending security abortion indication
RM115204	EP02	Filed	7 Oct 2011	1 Apr 2011	EP12171481.9	EP2523420	14 Nov 2012			Method of pending security abortion indication
RM115204	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1106847.0	GB2490127	9 Nov 2011	GB2490127	18 May 2012	Method of pending security abortion indication
RM115204	IN01	Filed	2 Apr 2012	1 Apr 2011	IN1828DEL2012P2013					Method of pending security abortion indication
RM115204	JP01	Filed	2 Apr 2012	1 Apr 2011						Method of pending security abortion indication
RM115204	KR01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115204	US01	Granted	1 Apr 2011	1 Apr 2011	US13/078233	US20120252404	4 Oct 2012	US8417220	9 Apr 2013	Method of pending security abortion indication
RM115204	US02	Granted	19 Jun 2012	1 Apr 2011	US13/353934	US20120252405	4 Oct 2012	US8412156	2 Apr 2013	Method of pending security abortion indication
RM115204	US03	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115204	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/GB2012/051612	WO2012131501	4 Oct 2012			Method of pending security abortion indication
RM115205	Family	Filed	1 Apr 2011	1 Apr 2011						Triggering of inter-RAT reporting for UMTS AMR when ISR is enabled
RM115205	GB01	Granted	2 May 2012	1 Apr 2011	GB1106848.8	GB2477232	27 Jul 2011	GB2477232	2 May 2012	Triggering of inter-RAT reporting for UMTS AMR when ISR is enabled
RM115205	GB02	Filed	1 Apr 2011	1 Apr 2011	GB1118675.5					Triggering of inter-RAT reporting for UMTS AMR when ISR is enabled
RM115205	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078268	US20120252483	4 Oct 2012			Triggering of inter-RAT reporting for UMTS AMR when ISR is enabled
RM115205	US02	Filed	2 Jun 2012	1 Apr 2011	US13/279888	US20120253448	18 Apr 2013			Triggering of inter-RAT reporting for UMTS AMR when ISR is enabled
RM115207	Family	Filed	1 Apr 2011	1 Apr 2011						Method of fast reselection from UTRAN to EUTRAN
RM115207	CN01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/B2012/051586					Method of fast reselection from UTRAN to EUTRAN
RM115207	EP01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/B2012/051586					Method of fast reselection from UTRAN to EUTRAN
RM115207	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1106880.2	GB2485854	30 May 2012	GB2485854	11 Dec 2012	Method of fast reselection from UTRAN to EUTRAN
RM115207	GB02	Granted	1 Apr 2011	1 Apr 2011	GB1204280.5	GB2487319	18 Jul 2012	GB2487319	27 Feb 2013	Method of fast reselection from UTRAN to EUTRAN
RM115207	IN01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/B2012/051586					Method of fast reselection from UTRAN to EUTRAN
RM115207	JP01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/B2012/051586					Method of fast reselection from UTRAN to EUTRAN
RM115207	KR01	ToFiling	2 Apr 2012	1 Apr 2011	PCT/B2012/051586					Method of fast reselection from UTRAN to EUTRAN
RM115207	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078124	US20120252452	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115207	US02	Filed	12 Mar 2012	1 Apr 2011	US13/417815	US20120252455	10 Apr 2013			Method of fast reselection from UTRAN to EUTRAN
RM115207	US03	Filed	15 Jun 2012	1 Apr 2011	US13/524882	US20120320879	20 Dec 2012			Method of fast reselection from UTRAN to EUTRAN
RM115207	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/B2012/051586	WO2012131585	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115208	Family	Filed	3 Nov 2011	3 Nov 2011						Calibration / equalization of radio receiver analog baseband filter
RM115208	GB01	POA	3 Nov 2011	3 Nov 2011	GB1119666.8	GB2486164	8 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115208	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289482	US20130114662	9 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115208	WO01	POA	2 Nov 2012	3 Nov 2011	PCT/B2012/056119	WO2013065031	10 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115100	Family	Filed	26 Apr 2011	26 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US01	Granted	2 Apr 2013	26 Apr 2011	US13/865232	US20130223298	29 Sep 2013	US8537725	17 Sep 2013	PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US02	Filed	4 Sep 2013	26 Apr 2011	US14/017884					PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	WO01	POA	26 Apr 2011	26 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	GB2481119	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	US20120294185	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	US02	Filed	19 Jan 2012	20 May 2011	US13/353788	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/B2012/052488	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	GB1110668.6	GB2482123	26 Dec 2013	GB2482123	12 Jun 2013	Mitigating other UE UL interference in LTE TDD networks.
RM115102	US01	Filed	22 Jun 2011	22 Jun 2011	US13/166429	US20120327820	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks.
RM115102	US02	Filed	22 Jun 2011	22 Jun 2011	US13/872306	US20130084145	14 Mar 2013			Mitigating other UE UL interference in LTE TDD networks.
RM115102	WO01	Filed	20 Jun 2012	22 Jun 2011	PCT/B2012/053131	WO2012176138	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks.

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Case ID #	Country	Status	Filing Date	Actual Filing	Publication Number	Publication Country	Publication Date	Patent Number	Grant Date	Proposed title
RM115103	Family	Filed	13 Aug 2011	13 Aug 2011						Bank aggregation
RM115103	GB01	Filed	12 Aug 2011	12 Aug 2011 GB1113994.2	GB2493713		20 Feb 2013			Bank aggregation
RM115103	US01	Filed	12 Aug 2011	12 Aug 2011 US13208813	US20130039296		14 Feb 2013			Bank aggregation
RM115105	Family	Filed	25 May 2011	25 May 2011						Resource allocation for DSS deployment in LTE system
RM115105	WO01	Filed	25 May 2011	25 May 2011 PCT/CN2011/076066	WO2012159470		29 Nov 2012			Resource allocation for DSS 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 GB1109106.7	GB2491367		5 Dec 2012 GB2491367		8 May 2013	High time offset indicator for CoMP
RM115106	GB02	Granted	31 May 2011	31 May 2011 GB1112209.7	GB2491628		5 Dec 2012 GB2491628		8 May 2013	High time offset indicator for CoMP
RM115106	US01	Filed	31 May 2011	31 May 2011 US13/149867	US20120307704		6 Dec 2012			High time offset indicator for CoMP
RM115107	Family	Filed	18 May 2011	18 May 2011						SRS Configuration and Triggering for Segment Center
RM115107	WO01	PCA	18 May 2011	18 May 2011 PCT/CN2011/074984	WO2012159538		22 Nov 2012			SRS Configuration and Triggering for Segment Center
RM115108	Family	Filed	2 Jun 2011	2 Jun 2011						Flexible mobile and flexible of Cross-CC Scheduling
RM115108	WO01	PCA	2 Jun 2011	2 Jun 2011 PCT/CN2011/076174	WO2012162898		6 Dec 2012			Flexible mobile and flexible of Cross-CC Scheduling
RM115109	Family	Filed	28 Apr 2011	28 Apr 2011						Method of multiplex HSDPA to CELL_FACH state
RM115109	GB01	Granted	28 Apr 2011	28 Apr 2011 GB1107166.8	GB2490494		7 Nov 2012 GB2490494		24 Jul 2013	Method of multiplex HSDPA to CELL_FACH state
RM115109	US01	Filed	28 Apr 2011	28 Apr 2011 US13/456124	US20120279615		1 Nov 2012			Method of multiplex HSDPA to 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 GB1107166.8						Method of combining common channel configurations CELL_FACH state
RM115110	GB03	Granted	12 Jul 2011	28 Apr 2011 GB1112209.7	GB2497181		5 Jun 2013 GB2497181		17 Jul 2013	Method of combining common channel configurations CELL_FACH state
RM115110	US01	Filed	28 Apr 2011	28 Apr 2011 US13/456005	US20120275368		1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115110	WO01	Filed	27 Apr 2012	28 Apr 2011 PCT/IB2012/052128	WO2012147166		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	To Filing	2 Apr 2011	2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	US01	To Filing	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/CN2011/072418	WO2012135962		8 Dec 2012			Effective trigger event and signaling for TA calculation scheme
RM115114	Family	Filed	12 Jul 2011	12 Jul 2011						ACK control for eICIC
RM115114	GB01	Granted	12 Jul 2011	12 Jul 2011 GB1111933.6	GB2492794		18 Jan 2013 GB2492794		17 Jul 2013	ACK control for eICIC
RM115114	US01	Granted	12 Jul 2011	12 Jul 2011 US13/183781	US20130017797		17 Jan 2013 US8694867		29 Jul 2013	ACK control for eICIC
RM115114	WO01	Filed	11 Jul 2012	12 Jul 2011 PCT/IB2012/053543	WO2013009180		17 Jan 2013			ACK control for eICIC
RM115115	Family	Filed	19 Jul 2011	19 Jul 2011						CSI Measurement and Reporting for Segment Center
RM115115	WO01	PCA	19 Jul 2011	19 Jul 2011 PCT/CN2011/077331	WO2013010321		24 Jan 2013			CSI Measurement and Reporting for Segment Center
RM115117	Family	Filed	8 Jun 2011	8 Jun 2011						System information Cache
RM115117	GB01	PCA	8 Jun 2011	8 Jun 2011 GB1109995.2	GB2491617		12 Dec 2012			System information Cache
RM115117	US01	Filed	8 Jun 2011	8 Jun 2011 US13/156816	US20120316616		13 Dec 2012			System information Cache
RM115117	US02	Granted	18 Oct 2011	8 Jun 2011 US13/276008	US20120315948		13 Dec 2012 US8694144		29 Jan 2013	System information Cache
RM115118	Family	Filed	30 Jun 2011	30 Jun 2011						Sharing cellular radio resources 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 GB1111120.8	GB2496630		7 Dec 2011 GB2496630		18 May 2012	Sharing cellular radio resources system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	US01	Granted	30 Jun 2011	30 Jun 2011 US13/173767	US20130006395		3 Jan 2013			Sharing cellular radio resources 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	US20130006396		3 Jan 2013			Sharing cellular radio resources 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	WO2013001493		3 Jan 2013			Sharing cellular radio resources 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 type
RM115120	WO01	PCA	7 Jun 2011	7 Jun 2011 PCT/CN2011/075361	WO2012167617		13 Dec 2012			Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier type
RM115121	Family	Filed	2 May 2011	2 May 2011						Component Group RACH Access and Management
RM115121	US01	Filed	2 May 2011	2 May 2011 US13/099358	US20120281679		8 Nov 2012			Component 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	PCA	23 Jun 2011	23 Jun 2011 GB1110898.3	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 US13/166013	US20120327764		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 US13/309876	US20120327768		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/IB2012/053265	WO2012176179		27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band

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Patents

Case no.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115123	Family	Filed	3 May 2011	3 May 2011						Methods to reduce interference from DL control and CRS in LA TDD network with flexible TDD configuration
RM115123	WO01	Filed	3 May 2011	3 May 2011	PCT/CN2011/073609	WO2012149573	8 Nov 2012			Methods to reduce interference from 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	PCA	8 Jun 2011	8 Jun 2011	PCT/CN2011/075442	WO2012167424	13 Dec 2012			Feedback Design of Hierarchical Coordinated Multipoint Transmission
RM115125	Family	Filed	8 Jul 2011	8 Jul 2011						A method to avoid radio interference in multiple RF multiple SIM device
RM115125	GB01	Filed	8 Jul 2011	8 Jul 2011	GB1111584.8	GB2492577	9 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115125	US01	Filed	8 Jul 2011	8 Jul 2011	US13/178941	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
RM115126	GB01	Granted	28 Jun 2011	28 Jun 2011	GB1110882.3	GB2492538	9 Jan 2013	GB2492538	29 May 2013	Dual-SIM power reduction by combining operations
RM115126	US01	Filed	28 Jun 2011	28 Jun 2011	US13/179836	US20130065384	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	PCA	9 Jun 2011	9 Jun 2011	PCT/CN2011/075802	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	PCA	14 Jul 2011	14 Jul 2011	PCT/CN2011/001157	WO2013008888	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	GB1114888.3	GB2494111	6 Mar 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	US01	Closed	23 Aug 2011	23 Aug 2011	US13/218877	US20130053382	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	WO01	Filed	21 Aug 2012	23 Aug 2011	PCT/IB2012/054318	WO2013027172	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115133	Family	Filed	18 May 2011	18 May 2011						Configurable Low Noise Amplifier
RM115133	GB01	Granted	18 May 2011	18 May 2011	GB1108444.9	GB2481487	28 Dec 2011	GB2481487	29 Aug 2012	Configurable Low Noise Amplifier
RM115133	GB02	Granted	18 May 2011	18 May 2011	GB1119782.9	GB2492978	21 Nov 2012	GB2492978	29 May 2013	Configurable Low Noise Amplifier
RM115133	TW01	Filed	18 May 2012	18 May 2011	TW101117327	TW201301749	1 Jan 2013			Configurable Low Noise Amplifier
RM115133	US01	Granted	18 May 2011	18 May 2011	US13/111423	US20120293262	22 Nov 2012	US8378748	19 Feb 2013	Configurable Low Noise Amplifier
RM115133	US02	Granted	1 Dec 2011	18 May 2011	US13/308772	US20120293250	22 Nov 2012	US8319502	27 Nov 2012	Configurable Low Noise Amplifier
RM115133	WO01	Filed	18 May 2012	18 May 2011	PCT/IB2012/052488	WO2012158645	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	GB1115828.1	GB2485788	29 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 2012	19 Aug 2011	US13/222874	US20130049765	21 Feb 2013	US8380208	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	US13/736488	US20130130688	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	PCA	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	US13/209618	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	WO2013024438	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	2 May 2011	2 May 2011	GB1107383.2					CSI-RS density enhancement
RM115138	GB02	Filed	1 Sep 2011	2 May 2011	GB1115138.8	GB2490780	14 Nov 2012			CSI-RS density enhancement
RM115138	US01	Granted	2 May 2011	2 May 2011	US13/098873	US20120282935	8 Nov 2012	US8289817	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						Inherting of UE mobility state between EUTRAN and other RATs
RM115139	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116918.2	GB2495283	10 Apr 2013			Inherting of UE mobility state between EUTRAN and other RATs
RM115139	US01	Filed	30 Sep 2011	30 Sep 2011	US13/248653	US20130084842	4 Apr 2013			Inherting 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	GB1111088.8	GB2496537	3 Oct 2013	GB2496537	5 Jun 2013	Discrimination between UE mobility classes
RM115140	GB02	Granted	29 Jun 2011	29 Jun 2011	GB1209688.5	GB2492616	9 Jan 2013	GB2492616	9 Jun 2013	Discrimination between UE mobility classes
RM115140	US01	Filed	29 Jun 2011	29 Jun 2011	US13/172188	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	PCA	17 Nov 2011	17 Nov 2011	GB1119654.5	GB2496648	22 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation

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RM115141	US01	Filed	18 Nov 2011	17 Nov 2011	US13/298943	US20130128823	23 May 2013			On Efficient Data and Feedback Resource Mapping for Skilled Sequence based Dynamic Data Transmission Resource Allocation
RM115141	US02	Filed	18 Nov 2012	17 Nov 2011	US13/678690	US20130128830	23 May 2013			On Efficient Data and Feedback Resource Mapping for Skilled 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	GB1110582.4	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
RM115143	WO01	Filed	23 Jun 2011	23 Jun 2011	PCT/CN2011/076179	WO2012174732	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	GB1110880.6	GB2492334	2 Jan 2013			Reverse Scheduling Mechanisms
RM115146	US01	Filed	27 Jun 2011	27 Jun 2011	US13/168318	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 Mapping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	GB01	POA	26 Aug 2011	26 Aug 2011	GB1114816.8	GB2493886	27 Feb 2013			Channelization Design for LTE on ISM using a piece-wise Mapping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	US01	Filed	26 Aug 2011	26 Aug 2011	US13/218034	US20130051383	28 Feb 2013			Channelization Design for LTE on ISM using a piece-wise Mapping 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 Mapping 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	GB1112816.8	GB2493183	30 Jan 2013			Reduced measurement and reporting in UE
RM115151	US01	Filed	27 Jul 2011	27 Jul 2011	US13/191661	US20130029707	31 Jan 2013			Reduced measurement and reporting in UE
RM115152	Family	Filed	18 May 2011	18 May 2011						BEP measurements for VAMOS
RM115152	GB01	POA	18 May 2011	18 May 2011	GB1108189.3	GB2489757	10 Oct 2012			BEP measurements for VAMOS
RM115152	US01	Granted	18 May 2011	18 May 2011	US13/188262	US20120294289	22 Nov 2012			BEP measurements for VAMOS
RM115152	US02	Granted	13 Oct 2011	18 May 2011	US13/272798	US20120294290	22 Nov 2012	US8345642	1 Jan 2013	BEP measurements for VAMOS
RM115152	WO01	Filed	16 May 2012	18 May 2011	PCT/IB2012/052471	WO2012159634	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	GB01	Filed	17 Aug 2011	17 Aug 2011	GB1213888.0/GB1211	GB2493488/GB2011	22 Feb 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115153	WO01	Filed	9 Aug 2012	17 Aug 2011	PCT/IB2012/001632	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	GB2491869	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	US13/160582	US20120322474	20 Dec 2012			Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115156	Family	Filed	28 Jul 2011	28 Jul 2011						A new way to get TA for LTE system deployed in White Space
RM115156	WO01	POA	28 Jul 2011	28 Jul 2011	PCT/CN2011/077828	WO2013013360	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/CN2011/076896	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	GB1114885.9	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	GB1111467.8	GB2492584	9 Jan 2013			Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	US01	Filed	5 Jul 2011	5 Jul 2011	US13/176198	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	GB1111827.4	GB2492584	9 Jan 2013			Extended Proximity indication for CSG cells
RM115160	US01	Filed	7 Jul 2011	7 Jul 2011	US13/177929	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

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Patents

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RM115161	US01	Filed	18 Jul 2011	18 Jul 2011	US13/184732	US20130023253	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	PCA	5 Jul 2011	5 Jul 2011	PCT/CN2011/076855	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	PCA	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	GB2492930	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	US20130010708	10 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	WO01	Filed	8 Jul 2012	8 Jul 2011	PCT/EP2012/063443	WO2013008183	17 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115168	Family	Filed	18 Jul 2011	18 Jul 2011						Virtual X2 via 802.16.1 Co-existence Manager
RM115168	GB01	PCA	18 Jul 2011	18 Jul 2011	GB1112133.0	GB2492840	16 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
RM115168	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183948	US20130017837	17 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
RM115168	WO01	Filed	13 Jul 2012	15 Jul 2011	PCT/EP2012/063850	WO2013011496	24 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
RM115169	Family	Filed	29 Jul 2011	29 Jul 2011						Downlink Synchronisation Group in discontinuous transmission in unlicensed band
RM115169	WO01	PCA	29 Jul 2011	29 Jul 2011	PCT/CN2011/077369	WO2013010523	24 Jan 2013			Downlink Synchronisation 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	US13/178819	US20130016793	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	WO2013013378	31 Jan 2013			Mechanisms to enable fast switching between CA and MIMO in LTE-Advanced
RM115173	Family	Filed	24 Aug 2011	24 Aug 2011						Effective solution to measure TA on extension carrier
RM115173	WO01	Filed	24 Aug 2011	24 Aug 2011	PCT/CN2011/081419	WO2013026183	28 Feb 2013			Effective 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/CN2011/077083	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	US8548234	1 Oct 2013	Shared Memory Access Controller
RM115175	US02	Granted	12 Oct 2012	14 Oct 2011	US13/658658	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	GB1113877.3	GB2490973	21 Nov 2012	GB2490973	3 Jul 2013	Methods of uplink resource selection
RM115176	US01	Filed	12 Aug 2011	12 Aug 2011	US13/298790	US20130039337	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/EP2012/064095	WO2013024413	21 Feb 2013			Methods of uplink resource selection
RM115177	Family	Filed	8 Aug 2011	8 Aug 2011						Reconstruction-less Acknowledged Mode RLC
RM115177	GB01	Granted	28 Nov 2011	8 Aug 2011	GB1113864.5	GB2494772	25 Apr 2012	GB2494772	18 Sep 2013	Reconstruction-less Acknowledged Mode RLC
RM115177	US01	Filed	8 Aug 2011	8 Aug 2011	US13/205218	US20130038192	14 Feb 2013			Reconstruction-less Acknowledged Mode RLC
RM115177	US02	PCA	15 May 2012	8 Aug 2011	US13/471849	US20130038199	14 Feb 2013			Reconstruction-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	GB1112737.9	GB2493332	6 Feb 2013	GB2493332	7 Oct 2013	Method of autonomous fallback from CELL_FACH to CELL_PCH state
RM115178	US01	PCA	28 Jul 2011	28 Jul 2011	US13/190794	US20130029681	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	PCA	28 Jul 2011	28 Jul 2011	PCT/CN2011/077721	WO2013013488	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	PCA	12 Sep 2011	12 Sep 2011	GB1115706.2	GB2494492	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	US13/199845	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/EP2012/064862	WO2013038328	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-synchronisation detection and reporting

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RM115183	GB01	POA	12 Dec 2011	5 Aug 2011	GB1113562.2	GB2493394	6 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronisation 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-synchronisation 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	GB1112198.2	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	US13/183642	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	GB1115187.4	GB2494394	13 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
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	GB1114992.1	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	US20130061277	28 Feb 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	WO01	Filed	28 Aug 2012	30 Aug 2011	PCT/IB2012/054435	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/CN2011/077738	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	GB2488847	12 Sep 2012			Optimization for Wireless Communication Method
RM115189	US01	Filed	28 Jul 2011	28 Jul 2011	US13/193253	US20130028177	31 Jan 2013			Optimization for Wireless Communication Method
RM115189	WO01	Filed	28 Jul 2012	28 Jul 2011	PCT/IB2012/053822	WO2013014841	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	US13/398265	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	GB2492991	22 Feb 2013	GB2492991	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	US13/218379	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	US13/418748	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	WO2013020288	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/CN2011/077848	WO2013018882	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	WO2013028184	28 Feb 2013			RACH resource selection mechanisms in CC specific TDD configuration
RM115198	Family	Filed	18 Aug 2011	18 Aug 2011						A radio receiver for the reception of carriers with power imbalance
RM115198	GB01	Granted	18 Aug 2011	18 Aug 2011	GB1114074.8	GB2492805	8 Jan 2013	GB2492805	5 Jun 2013	A radio receiver for the reception of carriers with power imbalance
RM115198	US01	Filed	15 Aug 2011	15 Aug 2011	US13/208793	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/IB2012/054195	WO2013034450	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	GB1118028.8	GB2498153	8 May 2013			Resource allocation signaling method for D2D discovery
RM115199	US01	Filed	3 Nov 2011	2 Nov 2011	US13/288828	US20130109301	3 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

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RM115205	GB01	POA	14 Nov 2011	14 Nov 2011	GB1119629.2	GB2496454	15 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115205	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/IB2011/01984	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	GB1119437.9	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			US8386881	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	US13/777366	US20130165108	27 Jun 2013			An improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	WO01	POA	15 Oct 2012	10 Nov 2011	PCT/IB2012/003047	WO2013066798	16 May 2013			An improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115203	Family	Filed	16 Aug 2011	16 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	GB2497819	19 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	US01	Filed	8 Dec 2011	8 Dec 2011	US13/315823	US20130148548	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	GB1118708.8	GB2489691	1 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115205	US01	Filed	1 Nov 2011	28 Oct 2011	US13/286994	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	GB2497358	19 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	US01	Filed	16 Dec 2011	14 Dec 2011	US13/327226	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	WO2013088367	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/CN2011/082982	WO2013078340	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	GB1116823.8	GB2491423	5 Dec 2012	GB2491423	6 Jun 2013	Higher rank MIMO for distributed antenna arrays
RM115209	GB02	Filed	27 Sep 2011	27 Sep 2011	GB1211156.3	GB2495188	3 Apr 2013			Higher rank MIMO for distributed antenna arrays
RM115209	US01	Filed	27 Sep 2011	27 Sep 2011	US13/248328	US20130077707	28 Mar 2013			Higher rank MIMO for distributed antenna arrays
RM115218	Family	Filed	29 Nov 2011	29 Nov 2011						Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115219	GB01	Filed	29 Nov 2011	29 Nov 2011	GB1120544.0	GB2497060	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	WO2013080086	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	GB1117808.2	GB2490878	21 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB02	Granted	12 Oct 2011	19 May 2011	GB1208423.4	GB2490885	21 Nov 2013	GB2490885	15 May 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	TW01	Filed	18 May 2012	19 May 2011	TW101117329	TW201248116	1 Dec 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	US01	Granted	12 Oct 2011	19 May 2011	US13/271630	US20120293289	22 Nov 2012	US8514021	20 Aug 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052488	WO2012158949	22 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115212	Family	Filed	12 Sep 2011	12 Sep 2011						Signalling method for joint controlled and non-controlled buffer status reporting
RM115212	GB01	Filed	12 Sep 2011	12 Sep 2011	GB1116599.6	GB2494633	20 Mar 2013			Signalling method for joint controlled and non-controlled buffer status reporting
RM115212	US01	Filed	13 Sep 2011	12 Sep 2011	US13/199808	US20130064103	14 Mar 2013			Signalling 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	GB1116183.4	GB2489615	22 Jun 2012	GB2489615	14 Nov 2012	Signal Reusing LNA
RM115213	US01	Granted	2 Sep 2011	2 Sep 2011	US13/224436	US20130057380	7 Mar 2013	US8427238	23 Apr 2013	Signal Reusing LNA
RM115213	US02	Granted	20 Jun 2012	2 Sep 2011	US13/528322	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/CN2011/080918	WO2013058418	25 Apr 2013			An efficient data dissemination method for mobile sink in the wireless sensor networks

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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 US13/319068	US20130137478		30 May 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115216	Family	Filed	18 Aug 2011	18 Aug 2011						Method to distribute a common timing reference and activity times in MTC system
RM115216	GB01	POA	26 Mar 2012	18 Aug 2011 GB1114080.3	GB2493782		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 US13/210315	US20130044658		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 US13/427533	US20130044661		21 Feb 2013 US8437285		7 May 2013	Method to distribute a common timing reference and activity times in MTC system
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	GB2497918		3 Jul 2013			Methods for Discovery Function in Device-to-Device Communication
RM115218	US01	Filed	14 Nov 2011	11 Nov 2011 US13/296862	US20130122883		16 May 2013			Methods for Discovery Function in Device-to-Device Communication
RM115219	Family	Filed	17 Nov 2011	17 Nov 2011						SIPmodule parameters downloaded from a server to meet a communication device type approval
RM115219	GB01	Filed	17 Nov 2011	17 Nov 2011 GB1119685.0	GB2498681		22 May 2013			SIPmodule parameters downloaded 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			SIPmodule parameters downloaded 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 GB1121786.7	GB2497749		26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115220	US01	Filed	20 Dec 2011	19 Dec 2011 US13/330691	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 GB1114438.0	GB2498291		26 Sep 2012 GB2498291		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 US8385212		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 US13/748136	US20130130692		23 May 2013 US8487790		16 Jun 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115232	WO01	Filed	22 Aug 2011	22 Aug 2011 PCT/IB2012/054342	WO2013027183		28 Feb 2013			Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115223	Family	Filed	19 Aug 2011	10 Aug 2011						Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115223	WO01	POA	19 Aug 2011	10 Aug 2011 PCT/CN2011/078208	WO2013028279		14 Feb 2013			Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115228	Family	Filed	3 Aug 2011	3 Aug 2011						Enhanced Interference Coordination for Paging
RM115228	GB01	POA	14 Dec 2011	3 Aug 2011 GB1113382.4	GB2488548		12 Sep 2012			Enhanced Interference Coordination for Paging
RM115228	US01	Filed	3 Aug 2011	3 Aug 2011 US13/197842	US20130034081		7 Feb 2013			Enhanced Interference Coordination for Paging
RM115228	WO01	Filed	1 Aug 2012	3 Aug 2011 PCT/IB2012/053624	WO2013018037		7 Feb 2013			Enhanced Interference Coordination for Paging
RM115227	Family	Filed	28 Oct 2011	28 Oct 2011						Multiple SIM 1 mapping of SIMs to baseband capability
RM115227	GB01	Filed	28 Oct 2011	28 Oct 2011 GB1118621.4	GB2495685		1 May 2013			Multiple SIM 1 mapping of SIMs to baseband capability
RM115227	US01	Granted	31 Oct 2011	28 Oct 2011 US13/285604	US20130109436		2 May 2013 US8527006		3 Sep 2013	Multiple SIM 1 mapping of SIMs to baseband capability
RM115227	US02	Filed	28 Aug 2013	28 Oct 2011 US14/013973						Multiple SIM 1 mapping of SIMs to baseband capability
RM115227	WO01	Filed	25 Oct 2012	28 Oct 2011 PCT/IB2012/055686	WO2013061275		2 May 2013			Multiple SIM 1 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 GB1116840.2	GB2496836		29 May 2013			Cellular Assisted Intelligent Transport System
RM115230	US01	Filed	27 Sep 2011	27 Sep 2011 US13/246462	US20130079940		28 Mar 2013			Cellular Assisted Intelligent Transport System
RM115230	WO01	Filed	27 Sep 2012	27 Sep 2011 PCT/IB2012/056197	WO2013046164		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/CN2011/079894	WO2013046752		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/CN2011/079647	WO2013039218		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/CN2011/081833	WO2013067686		16 May 2013			Transmission format for D2D communication
RM115235	Family	Filed	31 Aug 2011	31 Aug 2011						Signalling reduction and triggering of offline MTC terminals
RM115235	GB01	Granted	30 Mar 2012	31 Aug 2011 GB1114888.1	GB2486753		27 Jun 2012 GB2486753		4 Sep 2013	Signalling 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	Signalling reduction and triggering of offline MTC terminals

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RM115235	WO01	Filed	29 Aug 2012	31 Aug 2011	PCT/IB2012/054441	WO2013020773	7 Mar 2013			Signaling reduction and triggering of idlers in TC 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	WO2013053128	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/CN2011/081986	WO2013067863	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/CN2011/081985	WO2013067863	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	GB1114034.1					Method of E-DCH power control for uplink inter-cell interference control
RM115239	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210186	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
RM115240	WO01	Filed	3 Nov 2011	3 Nov 2011	PCT/CN2011/081720	WO2013063760	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	US13/209943	US20130045663	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	US13/234249	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	WO2013071608	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	GB1114039.9	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	GB1118004.8	GB2498185	8 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289644	US20130115964	9 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	WO01	Filed	2 Nov 2012	3 Nov 2011	PCT/IB2012/056121	WO2013065822	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	IN/3538/MUM/2011	IN3538MU2011	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/CN2011/080811	WO2013048059	11 Apr 2013			Discovery signal design for D2D operation and OTAC between eNBs
RM115253	Family	Filed	28 Oct 2011	28 Oct 2011						Method for inter-cell cross link interference avoidance in flexible TDD systems
RM115253	WO01	Filed	28 Oct 2011	28 Oct 2011	PCT/CN2011/081918	WO2013058445	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	US13/209924	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
RM115256	Family	Filed	28 Oct 2011	28 Oct 2011						Flexible Radio Link Measurement on unlicensed band
RM115256	WO01	Filed	28 Oct 2011	28 Oct 2011	PCT/CN2011/081319	WO2013064999	2 May 2013			Flexible Radio Link Measurement on unlicensed band
RM115258	Family	Filed	28 Oct 2011	28 Oct 2011						Effectively Pathloss offset calculation scheme for FDD-LTE system
RM115258	WO01	POA	28 Oct 2011	28 Oct 2011	PCT/CN2011/081483	WO2013068016	2 May 2013			Effectively Pathloss offset calculation scheme for FDD-LTE system

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Case ref #	Country	Status	Filing date	Calling priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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	GB1119798.4	GB2489811	22 May 2013			Method for fast return to original PLMN/RAT after CSFB call
RM115257	US01	Granted	17 May 2011	15 Nov 2011	US13/298825			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	GB2480877	21 Nov 2012			Amplifier
RM115258	US01	Granted	12 Oct 2011	19 May 2011	US13/271698	US8294282	11 Sep 2012	US8294282	11 Sep 2012	Amplifier
RM115258	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052500	WO2012159947	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	GB2486136	8 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	US01	Filed	3 Nov 2011	1 Nov 2011	US13/288279	US20130115987	9 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	WO01	Filed	30 Oct 2012	1 Nov 2011	PCT/IB2012/056025	WO2013064960	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/CN2011/081203	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
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						Traffic pattern determination for OTAC in LTE-A System
RM115262	WO01	POA	12 Dec 2011	12 Dec 2011	PCT/CN2011/083928	WO2013086672	20 Jun 2013			Traffic 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	GB2487898	15 Aug 2012	GB2487898	29 Mar 2013	Amplifier
RM115263	GB02	Filed	12 Oct 2011	19 May 2011	GB1207237.7	GB2492045	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	US13/556652			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/CN2011/083319	WO2013079663	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/CN2011/082791	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	GB1118138.6					Synthesizer locking time improvement
RM115266	GB02	Filed	18 Oct 2012	20 Oct 2011	GB1218381.0	GB2498241	10 Jul 2013			Synthesizer locking time improvement
RM115266	US01	Filed	20 Oct 2011	20 Oct 2011	US13/277208	US20130099629	25 Apr 2013			Synthesizer locking time improvement
RM115266	WO01	Filed	18 Oct 2012	20 Oct 2011	PCT/IB2012/056587	WO2013057661	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	GB2487569	19 Jun 2013			On Resource Allocation of D2D Specific Signals in Future LTE Networks
RM115269	US01	Filed	19 Dec 2011	16 Dec 2011	US13/329621	US20130156062	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	GB1116823.7	GB2488518	30 Jun 2012	GB2488518	2 Jan 2013	New network registration method for devices supporting eCall and PSAP callback.
RM115270	US01	Filed	27 Sep 2011	27 Sep 2011	US13/248859	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	WO2013048124	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/IB2011/055318	WO2013086581	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/CN2011/081622	WO2013063802	16 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	GB1118842.6	GB2484783	25 Apr 2012	GB2484783	10 Oct 2012	Methods of smart inter-frequency band mobility
RM115274	US01	Closed	27 Sep 2011	27 Sep 2011	US13/248886	US20130078969	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	US02	Granted	7 May 2012	27 Sep 2011	US13/472811	US20130078013	28 Mar 2013	US8437754	7 May 2013	Methods of smart inter-frequency band mobility
RM115274	US03	Filed	25 Apr 2012	27 Sep 2011	US13/879943	US20130078912	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	WO02	Filed	25 Sep 2012	27 Sep 2011	PCT/IB2012/055103	WO2013048123	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	GB1118824.6	GB2486271	10 Apr 2013			Method for Access Barring and Access Delay Scaling during RAN Overload

Attachment A-1
Patents

Case no.#	Country	Status	Filing date	Claimed priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115275	US01	Filed	27 Sep 2011	27 Sep 2011	US13/248308	US20130078889	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 transferred 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 transferred impedance stage
RM115276	US01	Filed	28 Feb 2013	9 Mar 2012	US13/777601	US20130238689	12 Sep 2013			Receiver analog baseband filter with transferred impedance stage
RM115277	Family	Filed	6 Jan 2012	6 Jan 2012						The centralized control of the coexistence of multiple LTE network/operators
RM115277	GB01	Filed	6 Jan 2012	6 Jan 2012	GB1200128.9	GB2496624	7 Aug 2013			The centralized control of the coexistence of multiple LTE network/operators
RM115277	US01	Filed	6 Jan 2012	6 Jan 2012	US13/348015	US20130178225	11 Jul 2013			The centralized control of the coexistence of multiple LTE network/operators
RM115278	Family	Filed	6 Jan 2012	6 Jan 2012						On Resource Allocation of Downlink DSD Specific Control Channels
RM115278	GB01	Filed	6 Jan 2012	6 Jan 2012	GB1200078.2	GB2496221	10 Jul 2013			On Resource Allocation of Downlink DSD Specific Control Channels
RM115278	US01	Filed	10 Jan 2012	6 Jan 2012	US13/348868	US20130176890	11 Jul 2013			On Resource Allocation of Downlink DSD 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 linked devices
RM115283	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120287.3	GB2497082	5 Jun 2013			Use profiling for automating feature control on battery linked devices
RM115283	US01	Filed	28 Nov 2011	25 Nov 2011	US13/305356	US20130138883	30 May 2013			Use profiling for automating feature control on battery linked 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	GB1116878.4	GB2492193	26 Dec 2012			Method of prioritizing RATs for measurement
RM115284	US01	Closed	3 Oct 2011	3 Oct 2011	US13/251363	US20130084890	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US02	POA	15 Jun 2012	3 Oct 2011	US13/524251	US20130084896	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US03	Filed	30 Aug 2013	3 Oct 2011	US14/014886					Method of prioritizing RATs for measurement
RM115284	WO01	Filed	3 Oct 2012	3 Oct 2011	PCT/IB2012/055310	WO2013058640	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	GB1116874.3	GB2496697	8 May 2013			Method of signaling hidden common E-DCH resources
RM115285	US01	Granted	3 Oct 2011	3 Oct 2011	US13/281585	US20130084877	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	GB1116875.2	GB2495473	17 Apr 2013			Method of switching common E-DCH TTI
RM115286	US01	Filed	3 Oct 2011	3 Oct 2011	US13/281376	US20130083739	4 Apr 2013			Method of switching common E-DCH TTI
RM115287	Family	Filed	28 Sep 2012	28 Sep 2012						Resampler rate adaptation using blocker detection
RM115287	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/IB2012/055221					Resampler rate adaptation using blocker detection
RM115290	Family	Filed	6 Apr 2012	6 Apr 2012						LTE device dynamically access the ISM band with WLAN channel traffic statistics enabling
RM115290	WO01	Filed	6 Apr 2012	6 Apr 2012	PCT/CN2012/073551					LTE device dynamically access the ISM band with WLAN channel traffic statistics enabling
RM115292	Family	Filed	21 Dec 2011	21 Dec 2011						Flexible spectrum usage for proximity communication
RM115292	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122888.3	GB2497794	26 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	US01	Filed	22 Dec 2011	21 Dec 2011	US13/334409	US20130163566	27 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	WO01	Filed	21 Dec 2012	21 Dec 2011	PCT/IB2012/057479	WO2013093798	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	GB1218091.4	GB2498948	29 May 2013			Network sharing in GERAN
RM115293	GB02	POA	8 Oct 2012	17 Oct 2011	GB1218090.6	GB2497872	26 Jun 2013			Network sharing in GERAN
RM115293	GB03	Filed	8 Oct 2012	17 Oct 2011	GB1208188.8	GB2497894	26 Jun 2013			Network sharing in GERAN
RM115293	IN01	Filed	17 Oct 2011	17 Oct 2011	IN2922/MUM/2011	IN2922/MUM/2011	19 Apr 2013			Network sharing in GERAN
RM115293	US01	Filed	29 Apr 2013	17 Oct 2011	US13/873917	US20130225788	12 Sep 2013			Network sharing in GERAN
RM115293	WO01	Filed	22 Oct 2011	17 Oct 2011	PCT/IB2011/053120	WO2013057598	25 Apr 2013			Network sharing in GERAN
RM115294	Family	Filed	31 Oct 2011	31 Oct 2011						In-device interference autonomous serial indication design
RM115294	WO01	POA	31 Oct 2011	31 Oct 2011	PCT/CN2011/081658	WO2013063742	10 May 2013			In-device interference autonomous serial indication design
RM115295	Family	Filed	30 Sep 2011	30 Sep 2011						Methods of too frequent RAB establishment avoidance
RM115295	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116818.9	GB2495142	3 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115295	US01	Filed	30 Sep 2011	30 Sep 2011	US13/249415	US20130082948	4 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115297	Family	Filed	9 Mar 2012	9 Mar 2012						Baseband transferred impedance match filter with variable number of phases
RM115297	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204178.4	GB2500057	11 Sep 2013			Baseband transferred impedance match filter with variable number of phases
RM115297	US01	Closed		9 Mar 2012						Baseband transferred impedance match filter with variable number of phases
RM115298	Family	Filed	28 Dec 2011	28 Dec 2011						Multiple SIM ? Single modem resource sharing
RM115298	GB01	Granted	28 Dec 2011	28 Dec 2011	GB1121994.8	GB2487275	18 Jul 2012	GB2487275	2 Jun 2013	Multiple SIM ? Single modem resource sharing
RM115298	US01	Filed	28 Feb 2012	28 Dec 2011	US13/408188	US20130166081	26 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115298	WO01	Filed	18 Dec 2012	28 Dec 2011	PCT/IB2012/057433	WO2013093777	27 Jun 2013			Multiple SIM ? Single modem resource sharing

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Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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/CN2011/083988	WO2013084494	25 Apr 2013			Signaling to avoid inter-cell cross link interference in TDD
RM115301	Family	Filed	2 Feb 2012	46941						Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	GB01	POA	2 Feb 2012	2 Feb 2012	GB1201831.3	GB2498003	7 Aug 2013			Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	WO01	Filed	31 Jan 2013	2 Feb 2012	PCT/IB2013/050635	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	US13/331228	US20130157868	20 Jun 2013			Resource utilization method for future LTE networks
RM115302	WO01	Filed	13 Dec 2012	16 Dec 2011	PCT/IB2012/057263	WO2013088363	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	GB1119087.2	GB2488179	8 May 2013			A mechanism to reduce signalling for MTC devices
RM115303	US01	Filed	8 Nov 2011	4 Nov 2011	US13/281339	US20130115893	8 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
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/CN2012/070621	WO2013107064	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	GB1119687.8					A radio receiver for the reception of non-contiguous carriers
RM115307	GB02	POA	1 Nov 2012	17 Nov 2011	GB1219626.7	GB2492502	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	US13/677886	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						Incoherent hotspot-node duplication and replacement in WSN by Cellular Use
RM115308	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074068					Incoherent hotspot-node duplication and replacement in WSN by Cellular Use
RM115309	Family	Filed	17 Nov 2011	17 Nov 2011						On D2D discovery signal design
RM115309	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119886.1	GB2496648	22 May 2013			On D2D discovery signal design
RM115309	US01	Filed	30 Nov 2011	17 Nov 2011	US13/307865	US20130130727	23 May 2013			On D2D discovery signal design
RM115309	WO01	Filed	15 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	GB1119428.8	GB2493574	13 Feb 2013			CSG ID assisted load and admission control
RM115310	US01	Filed	11 Nov 2011	10 Nov 2011	US13/294913	US20130122901	16 May 2013			CSG ID assisted load and admission control
RM115310	WO01	Filed	12 Nov 2012	10 Nov 2011	PCT/IB2012/056356	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 signalling
RM115312	GB01	POA	19 Dec 2011	19 Dec 2011	GB1121923.7	GB2497752	26 Jun 2013			Device to device discovery Scheme using Cellular Oriented Mechanisms And signalling
RM115312	US01	Filed	22 Dec 2011	19 Dec 2011	US13/334833	US20130157879	20 Jun 2013			Device to device discovery Scheme using Cellular Oriented Mechanisms And signalling
RM115313	Family	Filed	21 Dec 2011	21 Dec 2011						Soc Sensing Configuration
RM115313	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122003.3	GB2497780	26 Jun 2013			Soc Sensing Configuration
RM115313	US01	Filed	22 Dec 2011	21 Dec 2011	US13/335488	US20130163447	27 Jun 2013			Soc 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	GB1216203.5	GB2492518	2 Jan 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US01	Filed	10 Jan 2012	9 Jan 2012	US13/347184	US20130178913	11 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US02	Filed	27 Mar 2013	9 Jan 2012	US13/851344	US20130208836	15 Aug 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	WO01	POA	9 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	6 Sep 2012	17 Nov 2011	GB1215902.8	GB2492495	2 Jan 2013			A radio receiver for the reception of non-contiguous carriers

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Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115315	US01	Granted	15 Nov 2011	17 Nov 2011	US13/298004	US20130130635	23 May 2013	US8452473	14 May 2013	A radio receiver for the reception of non-contiguous carriers
RM115316	US02	Granted	15 Nov 2012	17 Nov 2011	US13/677776	US20130138835	23 May 2013	US8463847	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	WO2013073864	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	GB1202795.7	GB2496446	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	GB1119819.3	GB2496451	15 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115318	US01	Filed	15 Nov 2011	14 Nov 2011	US13/297588	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	GB1200409.8	GB2496356	17 Jul 2013			Bandwidth optimization of shared memory interface between Modem and APE
RM115320	US01	Filed	17 Jan 2012	11 Jan 2012	US13/351389	US20130179627	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
RM115327	WO01	POA	15 Dec 2011	15 Dec 2011	PCT/CN2011/002119	WO2013089686	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/CN2011/083745	WO2013082801	6 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/CN2011/082960	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	GB1208053.9	GB2496221	8 May 2013			UE-assisted in-device interference handling
RM115333	US01	Closed	4 Nov 2011	4 Nov 2011	US61/556733					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	GB1203579.5	GB2491222	28 Nov 2012	GB2491222	10 Jul 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	US01	Granted	14 Nov 2012	29 Feb 2012	US13/678624			US8432868	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	GB1200772.9	GB2496531	24 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	US01	Filed	24 Jan 2012	18 Jan 2012	US13/357149	US20130183952	18 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	WO01	Filed	18 Jan 2012	18 Jan 2012	PCT/IB2013/050469	WO2013108232	25 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115336	Family	Filed	25 Jan 2012	25 Jan 2012						An access method for dynamic contention window adaptation in CSMA type channels
RM115336	GB01	Filed	25 Jan 2012	25 Jan 2012	GB1201216.7	GB2496930	7 Aug 2013			An access method for dynamic contention window adaptation in CSMA type channels
RM115336	US01	Filed	25 Jan 2012	25 Jan 2012	US13/358174	US20130188478	25 Jul 2013			An access method for dynamic contention window adaptation in CSMA type channels
RM115338	Family	Filed	8 Mar 2012	8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115338	US01	Closed		8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115338	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/073097	WO2013131288	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	WO2013067877	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	GB1200882.6	GB2496706	31 Jul 2013			TXOP adaptation for fairness provision
RM115341	US01	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	WO2013067876	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	GB1119882.3	GB2496178	8 May 2013	GB2496178	9 Oct 2013	CoMP scheme selection codebook
RM115345	US01	Filed	2 Nov 2011	4 Nov 2011	US13/291417	US20130114437	9 May 2013			CoMP scheme selection codebook

Case ref.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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	GB2499113	19 Sep 2012			Cell carrier activation and deactivation method for Vehicular Communications
RM115346	US01	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	GB2497565	19 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	US01	Filed	15 Dec 2011	14 Dec 2011	US13/327289	US20130158478	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	WO01	Filed	14 Dec 2012	14 Dec 2011	PCT/IB2012/057530	WO2013086402	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	GB2497749	26 Jun 2013			Signal and procedure to improve device discovery and D2D operation
RM115348	US01	Filed	22 Dec 2011	19 Dec 2011	US13/334488	US20130167866	29 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/CN2011/086046	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	GB1120837.4	GB2489545	3 Oct 2012	GB2489545	29 May 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US01	Granted	30 Nov 2011	29 Nov 2011	US13/307389	US20130134114	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	US13/922862					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	GB1122293.1	GB2491218	28 Nov 2012	GB2491218	26 Jun 2013	LTE OTDOA measurement accuracy improvement
RM115353	US01	Filed	3 Jan 2012	22 Dec 2011	US13/343329	US20130162478	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115353	WO01	Filed	19 Dec 2012	22 Dec 2011	PCT/IB2012/057740	WO2013093593	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115358	Family	Filed	7 Mar 2012	7 Mar 2012						Fast DL CC broken determination and recovery for LTE to unlicensed band
RM115358	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	GB1120326.8					Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	GB02	Filed	24 Jan 2012	24 Nov 2011	GB1201153.2	GB2496928	29 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment.
RM115357	US01	Filed	26 Jan 2012	24 Nov 2011	US13/360092	US20130138198	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	WO2013079678	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	GB1119288.5	GB2493224	30 Jan 2013	GB2493224	3 Jul 2013	Controlling UE assumption of interference
RM115359	US01	Filed	9 Nov 2011	7 Nov 2011	US13/292206	US20130114450	9 May 2013			Controlling UE assumption of interference
RM115359	WO01	Filed	8 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	GB1121881.1	GB2497579	19 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	GB02	POA	27 Mar 2012	16 Dec 2011	GB1205320.9	GB2497904	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	GB1119180.8	GB2496188	8 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP

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Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115361	US01	Filed	8 Nov 2011	7 Nov 2011 US13/291967		US20130114431	9 May 2013			Efficient signaling of CRS shifts and PDCCH region extension 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	GB2486168		8 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	GB02	Filed	18 Aug 2013	7 Nov 2011 GB1314661.9	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	8 Nov 2012	7 Nov 2011 PCT/IB2012/056192		WO2013069022	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 overlaying common E-DCH resource selection
RM115363	GB01	Granted	7 Nov 2011	7 Nov 2011 GB1119133.8	GB2487287		18 Jul 2012 GB2487287		27 Feb 2013	Method of overlaying common E-DCH resource selection
RM115363	US01	Granted	8 Nov 2011	7 Nov 2011 US13/291796		US20130114518	9 May 2013 US8432884		30 Apr 2013	Method of overlaying common E-DCH resource selection
RM115363	WO01	Filed	7 Nov 2012	7 Nov 2011 PCT/IB2012/056228		WO2013069040	16 May 2013			Method of overlaying 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	GB2498289		14 Aug 2013			On Full Duplex Capability Indication in Future Cellular Networks
RM115365	Family	Filed	8 Nov 2011	8 Nov 2011						Flexible allocation of blind detection between cell specific search space and UE specific search space
RM115365	WO01	Filed	8 Nov 2011	8 Nov 2011 PCT/CN2011/081842		WO2013063812	10 May 2013			Flexible allocation 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 GB1118211.9	GB2488204		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	8 Nov 2012	7 Nov 2011 PCT/IB2012/056193		WO2013069023	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 GB1201378.3	GB2498787		31 Jul 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115367	US01	Filed	27 Mar 2012	27 Jan 2012 US13/431228		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 GB1118204.4	GB2495203		8 May 2013			HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US01	Granted	8 Nov 2011	7 Nov 2011 US13/291863		US20130116948	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 US13/784208		US20130179645	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 GB1118896.9	GB2489171		8 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115369	US01	Filed	7 Nov 2011	4 Nov 2011 US13/290238		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	WO01	Filed	10 Feb 2012	10 Feb 2012 IN/PCT/2012/000132	WO2013/064802	WO2013063807	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 GB1214613.2						Direct RF to Digital Converter and receiver
RM115371	US01	Filed	14 Aug 2013	14 Aug 2012 US13/968325						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 GB1118688.8	GB2489458		15 May 2013			Enhancements to LTE CSI feedback reporting modes
RM115373	US01	Filed	15 Nov 2011	14 Nov 2011 US13/296810		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 GB1200616.8	GB2499539		24 Jul 2013			Asymmetric D2D communication
RM115374	US01	Filed	25 Jan 2012	18 Jan 2012 US13/357796		US20130184024	18 Jul 2013			Asymmetric D2D communication
RM115375	Family	Filed	21 Mar 2012	21 Mar 2012						Distribution of traffic over separate links in cellular communications system
RM115375	GB01	POA	21 Mar 2012	21 Mar 2012 GB1204994.5						Distribution of traffic over separate links in cellular communications system
RM115375	US01	Filed	27 Mar 2012	21 Mar 2012 US13/431523						Distribution of traffic over separate links in cellular communications system
RM115375	WO01	Filed	21 Mar 2013	21 Mar 2012 PCT/IB2013/052262						Distribution of traffic over separate links in cellular 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 GB1200671.6	GB2499561		24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth

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RM115376	US01	Filed	1 Feb 2012	29 Jan 2012	US13/363862	US20130188538	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	WO01	Filed	20 Jan 2012	29 Jan 2012	PCT/IB2013/000487	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	GB1204981.6	GB2491430	5 Dec 2012			Multi component carrier aggregation CA reception arrangement
RM115377	US01	Granted	5 Nov 2012	16 Mar 2012	US13/871731			US8416758	9 Apr 2013	Multi component carrier aggregation CA reception arrangement
RM115377	WO01	POA	15 Mar 2013	16 Mar 2012	PCT/IB2013/052978	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/CN2012/070602	WO2013116873	15 Aug 2013			Control design to support different bandwidth MTC
RM115378	Family	Filed	7 Nov 2011	7 Nov 2011						Dynamic methods for supporting a large number of terminals
RM115378	GB01	POA	7 Nov 2011	7 Nov 2011	GB1118219.1	GB2496384	15 May 2013			Dynamic methods for supporting a large number of terminals
RM115378	GB02	Filed	7 Nov 2011	7 Nov 2011	GB1388788.9					Dynamic methods for supporting a large number of terminals
RM115378	US01	Filed	19 Nov 2011	7 Nov 2011	US13/293398	US20130115982	9 May 2013			Dynamic methods for supporting a large number of terminals
RM115378	WO01	POA	6 Nov 2012	7 Nov 2011	PCT/IB2012/056186	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 Systems in Shared Bands
RM115380	GB01	POA	27 Jan 2012	27 Jan 2012	GB1201418.7	GB2498779	31 Jul 2013			On Scheduled Listen-Before-Talk Systems in Shared Bands
RM115380	WO01	Filed	28 Jan 2013	27 Jan 2012	PCT/IB2013/000653	WO2013111103	1 Aug 2013			On Scheduled Listen-Before-Talk Systems in Shared Bands
RM115381	Family	Filed	23 Dec 2011	23 Dec 2011						Hardware assisted interrupt handling (Keuno)
RM115381	GB01	Filed	23 Dec 2011	23 Dec 2011	GB1122271.6	GB2497666	3 Jul 2013			Hardware assisted interrupt handling (Keuno)
RM115381	US01	Filed	23 Jan 2012	23 Dec 2011	US13/358041	US20130166784	27 Jun 2013			Hardware assisted interrupt handling (Keuno)
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	US20130188548	25 Jul 2013			On D2D Discovery Resource Allocation
RM115382	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/IB2013/000471	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	GB1118212.7	GB2496205	8 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115383	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291980	US20130114428	9 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115384	Family	Filed	18 Jan 2012	18 Jan 2012						Enhancement for Random Access Procedure
RM115384	GB01	POA	18 Jan 2012	18 Jan 2012	GB1200808.0	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	GB1200811.4	GB2498627	7 Aug 2013			Methods for Random Access Procedure
RM115386	Family	Filed	30 Dec 2011	30 Dec 2011						P2P Traffic offloading to D2D
RM115386	GB01	POA	28 Dec 2011	28 Dec 2011	GB1121602.6	GB2498313	8 May 2013			P2P Traffic offloading to D2D
RM115386	US01	Filed	23 Dec 2011	28 Dec 2011	US13/336606	US20130159487	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	GB1202874.8	GB2498411	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	WO2013091167	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	GB1204519.0					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/IB2013/000368	WO2013136156	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/CN2012/070108	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	GB2500057	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/CN2012/070708	WO2013107056	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	US13/338194	US20130163451	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	WO01	Filed	21 Dec 2012	22 Dec 2011	PCT/IB2012/057837	WO2013093697	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115398	Family	Filed	22 Jan 2012	22 Jan 2012						Periodic CQI during Discontinuous Reception
RM115398	GB01	Granted	22 Jan 2012	22 Jan 2012	GB1211183.9	GB2494496	13 Mar 2013	GB2494496	14 Aug 2013	Periodic CQI during Discontinuous Reception
RM115367	Family	Filed	11 Jan 2012	11 Jan 2012						E-PDCCH design for low bandwidth MTC

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Case no.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115387	WO01	Filed	11 Jan 2012	11 Jan 2012	PCT/CN2012/070236	WO2013104119	18 Jul 2013			E-PDCCH design for low bandwidth MTC
RM115388	Family	Filed	16 Apr 2012	16 Apr 2012						Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115388	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074188					Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115408	Family	Filed	30 Jan 2012	30 Jan 2012						UE-assisted enhancement of DRX method for In-Device Coexistence
RM115409	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	GB1116777.9	GB2488627	22 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115401	US01	Filed	16 Nov 2011	16 Nov 2011	US13/306072	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	GB1201951.5	GB2498593	24 Jul 2013			Application-oriented DRX enhancement
RM115403	US01	Filed	2 Feb 2012	23 Jan 2012	US13/364468	US20130188496	25 Jul 2013			Application-oriented DRX enhancement
RM115403	WO01	Filed	23 Jan 2013	23 Jan 2012	PCT/IB2013/000266	WO2013111080	1 Aug 2013			Application-oriented DRX enhancement
RM115409	Family	Filed	11 Jan 2012	11 Jan 2012						RACH enhancement to support low cost MTC UEs with narrow bandwidth
RM115409	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
RM115408	Family	Filed	6 Feb 2012	6 Feb 2012						New way to determine WiFi coverage and UL PL in WS
RM115408	WO01	Filed	6 Feb 2012	6 Feb 2012	PCT/CN2012/070663	WO2013116698	18 Aug 2013			New way to determine WiFi coverage and UL PL in WS
RM115407	Family	Filed	18 Jan 2012	18 Jan 2012						Method for D2D Discovery Signal Utilization
RM115407	GB01	POA	18 Jan 2012	18 Jan 2012	GB1200835.6	GB2496395	17 Jul 2013			Method for D2D Discovery Signal Utilization
RM115407	US01	Filed	18 Jan 2012	18 Jan 2012	US13/352338	US20130183983	18 Jul 2013			Method for D2D Discovery Signal Utilization
RM115406	Family	Filed	24 Feb 2012	24 Feb 2012						Relayed UL transmission to eNB for a device in D2D mode
RM115406	WO01	Filed	24 Feb 2012	24 Feb 2012	PCT/CN2012/071586	WO2013122674	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/CN2012/070838	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	WO2013127078	6 Sep 2013			DRX enhancement for MTC and DDA Services
RM115411	Family	Filed	5 Mar 2012	5 Mar 2012						Aperiodic SR transmission for diverse data applications
RM115411	GB01	Filed	5 Mar 2012	5 Mar 2012	GB1203838.8	GB2499987	11 Sep 2013			Aperiodic SR transmission for diverse data applications
RM115411	WO01	Filed	4 Mar 2013	5 Mar 2012	PCT/IB2013/051711	WO2013132435	12 Sep 2013			Aperiodic 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	GB1204992.6					Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115412	US01	Filed	1 Mar 2013	16 Mar 2012	US13/780679	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	WO2013131258	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	GB1206462.2					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	GB2499788	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	GB1122267.2	GB2487813	26 Jan 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	GB2499181	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	US13/356046	US20130188781	25 Jul 2013 US8582388		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/CN2012/072097	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

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Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication date	Patent number	Grant date	Proposed title
RM115423	Family	Filed	17 Jan 2012	17 Jan 2012					Method on Extending the UL Resource Management for MTC and Background Services
RM115423	GB01	Filed	17 Jan 2012	17 Jan 2012 GB1200795.8	GB2488709	31 Jul 2013			Method on Extending the UL Resource Management for MTC and Background Services
RM115423	US01	Filed	24 Jan 2012	17 Jan 2012 US13/357188	US20130182623	18 Jul 2013			Method on Extending the UL Resource Management for MTC and Background Services
RM115423	WO01	Filed	16 Jan 2013	17 Jan 2012 PCT/IB2013/050366	WO2013108178	25 Jul 2013			Method on Extending 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/CN2012/070883	WO2013113152	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	GB2488713	31 Jul 2013			Power management for D2D discovery
RM115426	WO01	Filed	17 Jan 2013	18 Jan 2012 PCT/IB2013/000088	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 GB1203458.5	GB2499603	4 Sep 2013			On Discovery Resource Frame Structure
RM115429	WO01	Filed	28 Feb 2013	28 Feb 2012 PCT/IB2013/051530	WO2013126370	8 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 GB1202606.4	GB2499416	21 Aug 2013			Enhancing Operator Control of D2D Discovery
RM115433	WO01	Filed	15 Feb 2013	15 Feb 2012 PCT/IB2013/051257	WO2013121369	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
RM115434	US01	Filed	10 Apr 2013	11 Apr 2012 US13/860666					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	GB2488765	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 GB1201546.3					Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115440	US01	Filed	3 Feb 2012	30 Jan 2012 US13/365432	US20130196673	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 GB1211619.9	GB2492249	28 Dec 2012			Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	US01	Granted	14 Nov 2012	29 Jun 2012 US13/679375			US8449813	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/IB2012/000885	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 GB1309853.8					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 US61/592359					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 GB1202877.8	GB2490886	21 Nov 2012 GB2490886		19 Jun 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	US01	Granted	18 Oct 2012	16 Feb 2012 US13/648819	US20130216000	22 Aug 2013 US8614974		20 Aug 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	WO01	Filed	15 Feb 2013	16 Feb 2012 PCT/IB2013/000188	WO2013121368	22 Aug 2013			MPR Calculation for HSUPA signal with 4PAM
RM115459	Family	Filed	21 Mar 2012	21 Mar 2012					Data compression and combination method
RM115459	GB01	Granted	21 Mar 2012	21 Mar 2012 GB1204872.2	GB2491827	18 Dec 2012 GB2491827		10 Jul 2013	Data compression and combination method
RM115459	GB02	POA	21 Mar 2012	21 Mar 2012 GB1216648.6					Data compression and combination method
RM115459	US01	Filed	14 Mar 2012	21 Mar 2012 US13/878739					Data compression and combination method
RM115459	WO01	Filed	21 Mar 2013	21 Mar 2012 PCT/IB2013/052254					Data compression and combination method

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Case ref #	Country	Status	Filing date	Claimed priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115459	Family	Filed	6 Feb 2012	6 Feb 2012						Method and apparatus for security re-synchronization
RM115459	GB01	POA	6 Feb 2012	6 Feb 2012 GB1201998.8		GB2489772	10 Oct 2012			Method and apparatus for security re-synchronization
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 GB1208688.2						Full-duplex enablement under scheduled access in 802.11
RM115461	WO01	Filed	8 May 2013	9 May 2012 PCT/IB2013/053666						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		US20130188648	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		GB2488758	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	US01	Filed	10 Feb 2012	26 Jan 2012 US13/370633		US20130194967	1 Aug 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	WO01	Filed	25 Jan 2013	26 Jan 2012 PCT/IB2013/000669		WO2013111112	25 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115465	Family	Filed	28 Mar 2012	28 Mar 2012						WiFi Scell activation deactivation in LTE+WiFi CA system
RM115465	WO01	Filed	28 Mar 2012	28 Mar 2012 PCT/CN2012/073023						WiFi Scell activation deactivation in LTE+WiFi CA system
RM115468	Family	Filed	19 Dec 2011	19 Dec 2011						EUTRAN Support for D2D Discovery Signal Verification
RM115468	GB01	Filed	19 Dec 2011	19 Dec 2011 GB1121784.3		GB2497741	26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115468	US01	Filed	20 Dec 2011	19 Dec 2011 US13/330886		US20130150522	20 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115468	WO01	Filed	12 Dec 2012	19 Dec 2011 PCT/IB2012/057241		WO2013083723	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 GB1201818.8		GB2488814	31 Jul 2013			Time-interleaved duplexing method for inter-band carrier aggregation
RM115467	US01	Filed	7 Mar 2012	30 Jan 2012 US13/413668		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	6 Mar 2012	6 Mar 2012						Design of system information for low-cost MTC devices
RM115472	WO01	Filed	6 Mar 2013	6 Mar 2012 PCT/CN2012/072079		WO2013131262	12 Sep 2013			Design of system information for low-cost MTC devices
RM115473	Family	Filed	6 Mar 2012	6 Mar 2012						A novel way to enable traffic relay in D2D scenario
RM115473	WO01	POA	6 Mar 2012	6 Mar 2012 PCT/CN2012/071637		WO2013131234	12 Sep 2013			A novel way to enable traffic relay in D2D scenario
RM115474	Family	Filed	30 Jan 2012	30 Jan 2012						Handling of RA failure for C-RNTI based Msg2
RM115474	WO01	Filed	30 Jan 2012	30 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/CN2012/070788		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 GB1201326.9		GB2488797	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
RM115478	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio transceiver circuit linearization
RM115478	GB01	Granted	15 May 2012	15 May 2012 GB1208648.6		GB2491238	28 Nov 2012 GB2491238		3 Jul 2013	Method and apparatus for radio transceiver circuit linearization
RM115478	US01	Granted	13 Nov 2012	15 May 2012 US13/670621			US8502588		8 Aug 2013	Method and apparatus for radio transceiver circuit linearization
RM115478	WO01	Filed	15 May 2013	15 May 2012 PCT/IB2013/053968						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/IB2012/000797		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 GB1204115.9						A transmitter for two contiguous uplink carriers with power imbalance
RM115484	US01	Filed	15 Oct 2012	14 Mar 2012 US13/661808		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		WO2013138291	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 GB1202378.5		GB2489247	14 Aug 2013			Secure Device to Device Discovery
RM115485	WO01	Filed	8 Feb 2013	10 Feb 2012 PCT/IB2013/051080		WO2013118095	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 GB1202883.5		GB2489458	21 Aug 2013			Signaling Support for Multi Operator D2D Discovery
RM115486	WO01	Filed	18 Feb 2013	20 Feb 2012 PCT/IB2013/051301		WO2013134778	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 2013	22 Mar 2012 PCT/CN2012/072818						Novel Design for Indication of Evolved PHICH Configuration for Low Cost MTC Devices

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Case ref. #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM115421	Family	Filed	30 Jan 2012	30 Jan 2012						Method of triggering Cell Update procedure to report measurement results
RM115491	GB01	PCA	29 Oct 2012	30 Jan 2012	GB1219411.4					Method of triggering Cell Update procedure to report measurement results
RM115491	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752362	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	29 Feb 2012	29 Feb 2012						Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115493	WO01	PCA	29 Feb 2012	29 Feb 2012	PCT/CN2012/071861	WO2013123638	29 Aug 2013			Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115494	Family	Filed	28 Jan 2012	28 Jan 2012						Power control method for devices supporting inter-band carrier aggregation
RM115494	GB01	PCA	28 Jan 2012	28 Jan 2012	GB1201334.8	GB2498786	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115494	US01	Granted	8 Feb 2012	28 Jan 2012	US13/368837			US8482724	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	GB1201644.2	GB2498908	31 Jul 2013			Method of CSG cell reselection in CELL_FACH state
RM115495	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050777	WO2013114298	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	PCA	28 Sep 2012	28 Sep 2012	PCT/CN2012/082398					Centralized three-party RTS/CTS exchange for D2D communication contending for resource on ISM band
RM115503	Family	Filed	28 Mar 2012	28 Mar 2012						Device for On-Chip Latency Measurement
RM115503	GB01	PCA	28 Mar 2012	28 Mar 2012	GB1205810.7	GB2490390	31 Oct 2012			Device for On-Chip Latency Measurement
RM115503	US01	Granted	2 Oct 2012	28 Mar 2012	US13/633648			US8491821	19 Mar 2013	Device for On-Chip Latency Measurement
RM115503	WO01	Filed	28 Mar 2013	28 Mar 2012	PCT/IB2013/052497					Device for On-Chip Latency Measurement
RM115504	Family	Filed	28 Dec 2012	28 Dec 2012						Antenna tuner problems and solutions
RM115504	GB01	Closed	28 Dec 2012	28 Dec 2012	GB1223098.3					Antenna tuner problems and solutions
RM115505	Family	Filed	30 Jan 2012	30 Jan 2012						Uplink Interference Avoidance in Hetnet Scenarios
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	US13/363395	US20130194968	1 Aug 2013			Uplink Interference Avoidance in Hetnet Scenarios
RM115505	WO01	PCA	28 Jan 2013	30 Jan 2012	PCT/IB2013/050723	WO2013114384	8 Aug 2013			Uplink Interference Avoidance in Hetnet Scenarios
RM115508	Family	Filed	8 Mar 2012	8 Mar 2012						Group SPS Design for low cost MTC devices
RM115508	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072081	WO2013131284	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 extension carriers in LTE Hetnet
RM115507	GB01	Filed	13 Mar 2012	13 Mar 2012	GB1204380.8					Procedures for Secondary Cell discovery on extension carriers in LTE Hetnet
RM115507	US01	Closed		13 Mar 2012						Procedures for Secondary Cell discovery on extension 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	GB1208645.3					Method and apparatus for radio receiver circuit linearization
RM115510	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053687					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	GB1201537.8	GB2498800	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	GB02	Filed	30 Jan 2012	30 Jan 2012	GB1202209.2	GB2498878	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	US01	Filed	6 Feb 2012	30 Jan 2012	US13/368838	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	GB1203392.7	GB2499871	28 Aug 2013			Method for reporting 256QAM CQI without overhead increase
RM115513	US01	Filed	27 Feb 2013	27 Feb 2012	US13/776336	US20130222295	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	GB2498816	31 Jul 2013			A DCI format approach for E-PHICH in LTE Rel-11
RM115514	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752636	US20130188047	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	PCA	11 Apr 2012	11 Apr 2012	GB1206388.7					A decoder for scrambled convolution codes.
RM115515	US01	Granted	4 Oct 2012	11 Apr 2012	US13/649079			US8387130	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	PCA	1 Mar 2012	1 Mar 2012	GB1203863.1	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	GB1201589.9	GB2490985	21 Nov 2012	GB2490985	19 Jun 2013	Closed Loop Transmit Diversity Activation and Deactivation
RM115518	US01	Filed	13 Feb 2012	30 Jan 2012	US13/371881	US20130194968	1 Aug 2013			Closed Loop Transmit Diversity Activation and Deactivation
RM115518	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050798	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	PCA	8 Mar 2012	8 Mar 2012	PCT/CN2012/072088	WO2013131287	12 Sep 2013			Enable sensing function coupled with X-CC scheduling

Case ref.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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	GB2498199	14 Aug 2013			Method and Apparatus of Informing UE Access Barring
RM115521	US01	Granted	3 Feb 2012	31 Jan 2012	US13/365844			US8478285	2 Jul 2013	Method and Apparatus of Informing UE Access Barring
RM115521	US02	Filed	3 May 2013	31 Jan 2012	US13/875883					Method and Apparatus of Informing UE Access Barring
RM115521	WO01	Filed	28 Jan 2013	31 Jan 2012	PCT/EP2013/050789	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	GB1206386.8					LBT LTE Downlink Control Channel Design
RM115522	US01	Filed	26 Mar 2013	27 Mar 2012	US13/849884					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	GB2499873	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	GB1208644.8	GB2481022	21 Nov 2012	GB2481022	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/EP2013/053888					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/CN2012/070708	WO2013107038	25 Jul 2013			Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM125005	Family	Filed	22 May 2012	22 May 2012						EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM125005	GB01	POA	22 May 2012	22 May 2012	GB1209038.8					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	GB1201608.1	GB2496613	31 Jul 2013			CSG fingerprint for test purposes
RM125007	GB02	Filed	6 Aug 2012	30 Jan 2012	GB1213639.9	GB2498825	31 Jul 2013			CSG fingerprint for test purposes
RM125007	US01	Closed		30 Jan 2012						CSG fingerprint for test purposes
RM125007	WO01	Filed	28 Jan 2013	30 Jan 2012	PCT/EP2013/050724	WO2013114365	8 Aug 2013			CSG fingerprint for test purposes
RM125008	Family	Filed	4 Jun 2013	4 Jun 2013						Method to ensure sampling continuity across some interruption of reception, like some measurement gap
RM125008	WO01	Filed	4 Jun 2013	4 Jun 2013	PCT/EP2013/061718					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	WO2013134964	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	GB1203821.0					Enhanced membership indication for CSG RAN sharing
RM125012	WO01	Filed	5 Mar 2013	6 Mar 2012	PCT/EP2013/061742	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 Use
RM125013	WO01	Filed	2 Mar 2012	2 Mar 2012	PCT/CN2012/071863	WO2013127066	6 Sep 2013			PDCCH detection for low cost MTC Use
RM125018	Family	Filed	23 Mar 2012	23 Mar 2012						Interference reduction in wireless communication systems
RM125018	GB01	POA	23 Mar 2012	23 Mar 2012	GB1205189.9					Interference reduction in wireless communication systems
RM125018	US01	Granted	21 Nov 2012	23 Mar 2012	US13/682955			US8529388	2 Sep 2013	Interference reduction in wireless communication systems
RM125018	US02	Filed	21 Nov 2012	23 Mar 2012	US13/683872					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/CN2012/071584	WO2013123637	28 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	GB1200882.7	GB2499598	24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363886	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 Heatlet
RM125022	WO01	Filed	6 Mar 2012	6 Mar 2012	PCT/CN2012/071964	WO2013131245	13 Sep 2013			Physical Discovery channel sequence design for inter-band LTE CA Heatlet
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	GB1201791.8	GB2499898	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	US13/757488	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						Agerbdical discovery channel design for small RRHs
RM125024	WO01	Filed	23 Feb 2012	23 Feb 2012	PCT/CN2012/071518	WO2013123662	29 Aug 2013			Agerbdical 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/CN2012/073594					Resource Configuration of DCI format based Evolved PHICH
RM125028	Family	Filed	24 Jan 2012	24 Jan 2012						Indication of capacity frequency layers to facilitate modified UE measurement procedures

Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Protected title
RM125028	GB01	POA	24 Jan 2012	24 Jan 2012	GB1201125.9	GB2498721	31 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125025	US01	Filed	25 Jan 2012	24 Jan 2012	US13/358644	US20130188971	25 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125028	WO01	Filed	22 Jan 2013	24 Jan 2012	PCT/IB2013/050951	WO2013111058	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	IB01	Filed	17 Feb 2012	17 Feb 2012	IB/2012/000/2012					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	18 Mar 2012	18 Mar 2012						Method for reporting CQI in case of extended range of MCS classes
RM125034	GB01	POA	18 Mar 2012	18 Mar 2012	GB1204872.8					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	GB2490888	21 Nov 2012 GB2490888		10 Apr 2013	PLMN selection when EUTRAN is disabled
RM125039	US01	Granted	5 Oct 2012	7 Mar 2012	US13/833028		US8504017		5 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	28 Feb 2013	27 Feb 2012	US13/777403	US20130223233	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
RM125042	Family	Filed	19 Mar 2012	19 Mar 2012						Method to indicate UE filtering capabilities
RM125042	GB01	POA	19 Mar 2012	19 Mar 2012	GB1204798.1					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	29 Jan 2013	30 Jan 2012	US13/754328	US20130198051	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	GB2499948	4 Sep 2013			Two dimensional CQI feedback for dynamic points selection
RM125044	WO01	Filed	1 Mar 2013	2 Mar 2012	PCT/IB2013/051663	WO2013128428	6 Sep 2013			Two dimensional CQI feedback for dynamic points selection
RM125048	Family	Filed	29 Mar 2012	29 Mar 2012						The general hybrid multicarrier technique for local area multiple access networks
RM125048	GB01	POA	29 Mar 2012	29 Mar 2012	GB1205888.1					The general hybrid multicarrier technique for local area multiple access networks
RM125048	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	8 Mar 2012	8 Mar 2012						Self-configurable, node-based grouping for large networks
RM125052	GB01	Filed	8 Mar 2012	8 Mar 2012	GB1204208.9					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/CN2012/073803					A novel LTE + WiFi offloading method
RM125058	Family	Filed	12 Mar 2012	12 Mar 2012						Supporting prolonged station sleeping in the power save mode
RM125058	GB01	Filed	20 Jul 2012	12 Mar 2012	GB1212912.8					Supporting prolonged station sleeping in the power save mode
RM125058	US01	Closed	13 Mar 2013	12 Mar 2012	US61/609606					Supporting prolonged station sleeping in the power save mode
RM125058	WO01	Filed	11 Mar 2013	12 Mar 2012	PCT/IB2013/051921	WO2013138266	19 Sep 2013			Supporting prolonged station sleeping in the power save mode
RM125056	Family	Filed	13 Apr 2012	13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125056	GB01	POA	13 Apr 2012	13 Apr 2012	GB1206543.9					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125056	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	GB1209702.8					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	GB1205888.7					Antenna Beam Steering With Switchable Ground Plane

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Attachment A-1
Patents

Case no.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM125064	US01	Granted		2 Apr 2012						Antenna Board Shielding With Selectable 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	GB1206874.4					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	13 Apr 2012	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 signaling error detection selector
RM125072	GB01	Filed	18 Mar 2012	18 Mar 2012	GB1204814.6					Method of autonomous for signaling 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/EB2013/053307					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/EB2013/054507					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	US13/864448					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
RM125077	US01	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/EB2012/002222					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 SceB
RM125079	WO01	Filed	27 Feb 2012	27 Feb 2012	PCT/CN2012/071884	WO2013127068	6 Sep 2013			Preamble Counter calculation scheme for RA on SceB
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	GB1204798.5					PUCCH enabled simple CoMP operation
RM125081	US01	Filed	21 Mar 2012	19 Mar 2012	US13/426280	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
RM125091	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.
RM125091	IN01	Filed	25 May 2012	25 May 2012	IN1879/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.
RM125094	Family	Filed	18 Mar 2012	18 Mar 2012						Enhanced Resource Allocation of UL Control Signaling
RM125094	WO01	Filed	18 Mar 2012	18 Mar 2012	PCT/CN2012/072436	WO2013134951	19 Sep 2013			Enhanced Resource Allocation of UL Control Signaling
RM125095	Family	Filed	18 Mar 2012	18 Mar 2012						Adaptation of transmission denial modes for in-device interference
RM125095	WO01	Filed	18 Mar 2012	18 Mar 2012	PCT/CN2012/072478	WO2013134961	19 Sep 2013			Adaptation of transmission denial modes for in-device interference
RM125097	Family	Filed	11 Jun 2012	11 Jun 2012						The enhancement of interference coordination scheme in HetNets with flexible TDD configuration.
RM125097	WO01	POA	11 Jun 2012	11 Jun 2012	PCT/CN2012/076732					The enhancement of interference coordination scheme in HetNets with flexible TDD configuration.
RM125010	Family	Filed	8 Jun 2012	8 Jun 2012						Reference Symbol Configuration for Control Channel with Frequency Reuse
RM125010	GB01	Filed	8 Jun 2012	8 Jun 2012	GB1210003.8					Reference Symbol Configuration for Control Channel with Frequency Reuse

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Case refs	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM128010	US01	Filed	6 Jun 2013	6 Jun 2012	US13/910680					Reference Symbol Configuration for Control Channel with Frequency Reuse
RM128012	Family	Filed	6 Jul 2012	6 Jul 2012						Apparatus and methods for multiple virtual SIMs communication mechanism
RM128012	WO01	Filed	6 Jul 2012	6 Jul 2012	PCT/CN2012/078297					Apparatus and methods for multiple virtual SIMs communication mechanism
RM128015	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling for PDSCH Fallback Mode on New Carrier Type
RM128015	WO01	PCA	19 Mar 2012	19 Mar 2012	PCT/CN2012/073670					Signaling for PDSCH Fallback Mode on New Carrier Type
RM128017	Family	Filed	24 May 2012	24 May 2012						On the enablement of HARQ in contention based transmission
RM128017	GB01	Filed	24 May 2012	24 May 2012	GB1209158.7					On the enablement of HARQ in contention based transmission
RM128017	WO01	Filed	23 May 2013	24 May 2012	PCT/IB2013/054336					On the enablement of HARQ in contention based transmission
RM128020	Family	Filed	5 Apr 2012	5 Apr 2012						Controlling antenna beam width
RM128020	GB01	PCA	5 Apr 2012	5 Apr 2012	GB1208158.1					Controlling antenna beam width
RM128020	US01	Filed	29 Mar 2013	5 Apr 2012	US13/853229					Controlling antenna beam width
RM128021	Family	Filed	19 Mar 2012	19 Mar 2012						New way to prevent Ping-Pong effect during S1-handover in IDC.
RM128021	WO01	Filed	19 Mar 2012	19 Mar 2012	PCT/CN2012/072523					New way to prevent Ping-Pong effect during S1-handover in IDC.
RM128022	Family	Filed	11 Jun 2012	11 Jun 2012						A flexible algorithm for arbitration of transmit power between multiple radios
RM128022	GB01	Filed	11 Jun 2012	11 Jun 2012	GB1210257.9					A flexible algorithm for arbitration of transmit power between multiple radios
RM128023	US01	Filed	11 Jun 2013	11 Jun 2012	US13/914658					A flexible algorithm for arbitration of transmit power between multiple radios
RM128024	Family	Filed	23 May 2012	23 May 2012						New subframe structure design for multiple MC UEs in local area
RM128024	WO01	Filed	23 May 2012	23 May 2012	PCT/CN2012/075663					New subframe structure design for multiple MC UEs in local area
RM128025	Family	Filed	18 Mar 2012	18 Mar 2012						System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM128025	IN01	Filed	18 Mar 2012	18 Mar 2012	IN/786/MUM/2012					System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM128029	Family	Filed	20 Apr 2012	20 Apr 2012						Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM128029	WO01	PCA	20 Apr 2012	20 Apr 2012	PCT/CN2012/074456					Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM128038	Family	Filed	28 Sep 2012	28 Sep 2012						Real-time traffic off-loading mechanism from the WLANs
RM128038	GB01	PCA	28 Sep 2012	28 Sep 2012	GB1217434.9					Real-time traffic off-loading mechanism from the WLANs
RM128038	WO01	Filed	17 Sep 2013	28 Sep 2012	PCT/IB2013/058852					Real-time traffic off-loading mechanism from the WLANs
RM128037	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM128037	GB01	PCA	19 Mar 2012	19 Mar 2012	GB1204734.8					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM128037	US01	Filed	13 Sep 2013	19 Mar 2012	US13/814852	US 2013-0244676-A1	19 Sep 2013			Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM128037	WO01	Filed	18 Mar 2013	19 Mar 2012	PCT/IB2013/052139					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM128039	Family	Filed	18 May 2012	18 May 2012						HS-DSCH CQI value estimation for Advanced Receivers using a single low-power receiver during transmission gaps
RM128039	GB01	PCA	18 May 2012	18 May 2012	GB1208822.8					HS-DSCH CQI value estimation for Advanced Receivers using a single low-power receiver during transmission gaps
RM128039	US01	Filed	18 May 2013	18 May 2012	US13/895494					HS-DSCH CQI value estimation for Advanced Receivers using a single low-power receiver during transmission gaps
RM128040	Family	Filed	21 Mar 2012	21 Mar 2012						Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM128040	IN01	Filed	21 Mar 2012	21 Mar 2012	IN/789/MUM/2012					Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM128041	Family	Filed	25 May 2012	25 May 2012						Data-based SINR estimation algorithm in iterative receiver.
RM128041	GB01	PCA	25 May 2012	25 May 2012	GB1209248.3					Data-based SINR estimation algorithm in iterative receiver.
RM128043	Family	Filed	18 Mar 2012	18 Mar 2012						Method of autonomous for ciphering error detection selector
RM128043	GB01	PCA	18 Mar 2012	18 Mar 2012	GB1204812.0					Method of autonomous for ciphering error detection selector
RM128043	US01	Filed	28 May 2013	18 Mar 2012	US13/852218	US20130242795	19 Sep 2013			Method of autonomous for ciphering error detection selector
RM128047	Family	Filed	10 Oct 2012	10 Oct 2012						A WSN-assisted UE location optimization method
RM128047	US01	ToFiling		10 Oct 2012						A WSN-assisted UE location optimization method
RM128047	WO01	Filed	10 Oct 2012	10 Oct 2012	PCT/CN2012/082711					A WSN-assisted UE location optimization method
RM128048	Family	Filed	10 May 2012	10 May 2012						METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM

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Case ref.#	Country	Status	Filing date	Extend priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM128048	GB01	POA	10 May 2012	10 May 2012	GB1208218.4					METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM128048	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
RM128049	Family	Filed	28 Jun 2012	28 Jun 2012						IPv6 based peer discovery over-the-air for LTE
RM128049	GB01	POA	28 Jun 2012	28 Jun 2012	GB1211608.3					IPv6 based peer discovery over-the-air for LTE
RM128049	US01	Filed	28 Jun 2013	28 Jun 2012	US13/930228					IPv6 based peer discovery over-the-air for LTE
RM128050	Family	Filed	28 Mar 2012	28 Mar 2012						Method and apparatus of Layer 2 status report re-ordering
RM128050	GB01	POA	28 Mar 2012	28 Mar 2012	GB1205277.5	GB2494944	27 Mar 2013			Method and apparatus of Layer 2 status report re-ordering
RM128051	Family	Filed	14 Aug 2012	14 Aug 2012						Antenna domain interference cancellation for full duplex implementation
RM128051	US01	Filed	14 Aug 2012	14 Aug 2012	US13/585043					Antenna domain interference cancellation for full duplex implementation
RM128051	WO01	Filed	27 Jun 2013	14 Aug 2012	PCT/IB2013/001361					Antenna domain interference cancellation for full duplex implementation
RM128054	Family	Filed	20 Sep 2012	20 Sep 2012						The inter cell interference cancellation/coordination of spreading FDMA based system for local area environment
RM128054	GB01	Filed	20 Sep 2012	20 Sep 2012	GB1218024.1					The inter cell interference cancellation/coordination of spreading FDMA based system for local area environment
RM128054	US01	Filed	19 Sep 2013	20 Sep 2012	US14/031,376					The inter cell interference cancellation/coordination of spreading FDMA based system for local area environment
RM128056	Family	Filed	27 Sep 2012	27 Sep 2012						Design for D2D specific system information
RM128056	GB01	Filed	27 Sep 2012	27 Sep 2012	GB1217314.2					Design for D2D specific system information
RM128056	WO01	Filed	17 Sep 2013	27 Sep 2012	PCT/IB2013/058603					Design for D2D specific system information
RM128057	Family	Filed	29 Jun 2012	29 Jun 2012						Controlling TX antenna selection
RM128057	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211587.6					Controlling TX antenna selection
RM128057	GB02	POA	29 Jun 2012	29 Jun 2012	GB1301486.6					Controlling TX antenna selection
RM128057	US01	Filed	21 Jun 2013	29 Jun 2012	US13/903677					Controlling TX antenna selection
RM128058	Family	Filed	18 Oct 2012	18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM128058	GB01	POA	18 Oct 2012	18 Oct 2012	GB1218745.6					PLL bandwidth switching depending on modulation-and-coding scheme
RM128058	US01	ToFiling		18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM128061	Family	Filed	9 May 2012	9 May 2012						Dual receiver for HSDPA communication
RM128061	GB01	Filed	9 May 2012	9 May 2012	GB1208117.8					Dual receiver for HSDPA communication
RM128061	US01	Filed	9 May 2013	9 May 2012	US13/889474					Dual receiver for HSDPA communication
RM128063	Family	Filed	17 May 2012	17 May 2012						Inter-cell group establish and coordination with cross-link interference in Hetnet
RM128063	WO01	POA	17 May 2012	17 May 2012	PCT/CN2012/075671					Inter-cell group establish and coordination with cross-link interference in Hetnet
RM128065	Family	Filed	18 Oct 2012	18 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM128065	GB01	Filed	18 Oct 2012	18 Oct 2012	GB1218667.4					Band-dependent noise shaping in envelope tracking transmitter
RM128065	WO01	ToFiling		18 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM128066	Family	Filed	24 May 2012	24 May 2012						Low power interrupt synchronization
RM128066	GB01	POA	24 May 2012	24 May 2012	GB1209121.1	GB2493416	6 Feb 2013			Low power interrupt synchronization
RM128066	US01	Filed	21 Jan 2013	24 May 2012	US13/746103					Low power interrupt synchronization
RM128066	WO01	POA	22 May 2013	24 May 2012	PCT/IB2013/054233					Low power interrupt synchronization
RM128067	Family	Filed	28 May 2012	28 May 2012						TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM128067	GB01	POA	28 May 2012	28 May 2012	GB1209416.8	GB2481272	28 Nov 2012			TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM128068	Family	Filed	7 Jun 2012	7 Jun 2012						Checking security context by integrity verification procedure
RM128068	GB01	POA	7 Jun 2012	7 Jun 2012	GB1210048.7	GB2481047	21 Nov 2012			Checking security context by integrity verification procedure
RM128073	Family	Filed	19 Sep 2012	19 Sep 2012						Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM128073	GB01	Filed	19 Sep 2012	19 Sep 2012	GB1216736.7					Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM128073	WO01	Filed	5 Sep 2013	19 Sep 2012	PCT/IB2013/058303					Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM128074	Family	Filed	31 May 2012	31 May 2012						Modem receiver path delay measurement method
RM128074	GB01	POA	31 May 2012	31 May 2012	GB1209743.2					Modem receiver path delay measurement method
RM128075	Family	Filed	13 Jun 2012	13 Jun 2012						Enhancement on inter-frequency small cell detection
RM128075	WO01	POA	13 Jun 2012	13 Jun 2012	PCT/CN2012/076826					Enhancement on inter-frequency small cell detection
RM128076	Family	Filed	7 Jun 2012	7 Jun 2012						Carrier loading status report in Hetnets with extension carrier
RM128076	WO01	Filed	7 Jun 2012	7 Jun 2012	PCT/CN2012/076999					Carrier loading status report in Hetnets with extension carrier
RM128078	Family	Filed	11 May 2012	11 May 2012						Method and apparatus of capability reporting per RAT
RM128078	GB01	Filed	11 May 2012	11 May 2012	GB1208021.6					Method and apparatus of capability reporting per RAT
RM128078	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053807					Method and apparatus of capability reporting per RAT
RM128079	Family	Filed	17 May 2012	17 May 2012						Method and apparatus of service based uplink resource selection
RM128079	GB01	Filed	17 May 2012	17 May 2012	GB1208709.4					Method and apparatus of service based uplink resource selection

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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 GB1210884.9						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 2013	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 cell re-establishment
RM126082	GB01	POA	24 May 2012	24 May 2012 GB1209186.3	GB2491048	21 Nov 2012				Method and apparatus of scenario specific cell re-establishment
RM126082	WO01	Filed	22 May 2013	24 May 2012 PCT/IB2013/054234						Method and apparatus of scenario specific cell 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 GB1219488.8						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	13 Aug 2012	13 Aug 2012						A radio receiver for the concurrent reception of multi-band carriers
RM126085	GB01	POA	13 Aug 2012	13 Aug 2012 GB1214362.9						A radio receiver for the concurrent reception of multi-band carriers
RM126085	WO01	Filed	27 Jun 2013	13 Aug 2012 PCT/IB2013/001363						A radio receiver for the concurrent reception of multi-band carriers
RM126088	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
RM126088	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
RM126088	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 GB1219488.6						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
RM126090	WO01	Filed	13 May 2013	14 May 2012 PCT/IB2013/000918						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 GB1211418.5						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 NetNet
RM126097	WO01	POA	10 May 2012	10 May 2012 PCT/CN2012/075315						Enhancement of extension carrier information report in NetNet
RM126098	Family	Filed	17 Jul 2012	17 Jul 2012						Enhancement of resource status report in NetNets with extension carrier
RM126098	WO01	Filed	17 Jul 2012	17 Jul 2012 PCT/CN2012/078739						Enhancement of resource status report in NetNets 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/IB2013/055882						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	28 Jun 2012	28 Jun 2012						A downlink frame processing architecture for a receiver
RM126102	US01	Filed	28 Jun 2012	28 Jun 2012 IN2048/DEL/2012						A downlink frame processing architecture for a receiver
RM126102	WO01	Filed	28 Jun 2013	28 Jun 2012 PCT/IB2013/001379						A downlink frame processing architecture for a receiver
RM126104	Family	Filed	28 Jun 2012	28 Jun 2012						Apparatus and method of cooperative surveillance system
RM126104	WO01	Filed	28 Jun 2012	28 Jun 2012 PCT/CN2012/077647						Apparatus and method of cooperative surveillance system

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RM128108	Family	Filed	22 Aug 2012	22 Aug 2012						Using interfaces to improve intermediate processing to benefit of performance
RM128108	GB01	POA	22 Aug 2012	22 Aug 2012	GB1214931.4	GB2480639	13 Feb 2013			Using interfaces to improve intermediate processing to benefit of performance
RM128110	Family	Filed	9 May 2012	9 May 2012						Solution to handle the UL collision between preamble and repeated ACK/NACK
RM128110	WO01	POA	9 May 2012	9 May 2012	PCT/CN2012/075244					Solution to handle the UL collision between preamble and repeated ACK/NACK
RM128113	Family	Filed	11 May 2012	11 May 2012						Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM128113	GB01	Granted	11 May 2012	11 May 2012	GB1208383.8	GB2480430	31 Oct 2012	GB2480430	28 Aug 2013	Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM128113	WO01	Filed	9 May 2013	11 May 2012	PCT/EP2013/059759					Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM128114	Family	Filed	9 Aug 2012	9 Aug 2012						Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM128114	GB01	Filed	9 Aug 2012	9 Aug 2012	GB1214267.8					Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM128114	WO01	Filed	8 Aug 2013	9 Aug 2012	PCT/EP2013/066636					Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM128118	Family	Filed	14 May 2012	14 May 2012						Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM128118	GB01	Filed	14 May 2012	14 May 2012	GB1208563.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM128118	GB02	Filed	14 May 2012	14 May 2012	GB1301636.8					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM128117	Family	Filed	13 Sep 2012	13 Sep 2012						Enhanced positioning reference signal based RRH discovery scheme
RM128117	WO01	POA	13 Sep 2012	13 Sep 2012	PCT/CN2012/081347					Enhanced positioning reference signal based RRH discovery scheme
RM128121	Family	Filed	5 Oct 2012	5 Oct 2012						Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM128121	GB01	POA	5 Oct 2012	5 Oct 2012	GB1217883.1					Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM128121	US01	toDrafting		5 Oct 2012						Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM128122	Family	Filed	11 May 2012	11 May 2012						Method and apparatus for frequency specific periodical inter-frequency measurement
RM128122	GB01	POA	11 May 2012	11 May 2012	GB1208469.5	GB2485368	17 Apr 2013			Method and apparatus for frequency specific periodical inter-frequency measurement
RM128122	US01	Filed	25 Mar 2013	11 May 2012	US13/849988					Method and apparatus for frequency specific periodical inter-frequency measurement
RM128122	WO01	Filed	10 May 2013	11 May 2012	PCT/EP2013/059898					Method and apparatus for frequency specific periodical inter-frequency measurement
RM128123	Family	Filed	11 May 2012	11 May 2012						Network Signalled Support of Fast Dormancy Transition to IDLE
RM128123	GB01	Filed	11 May 2012	11 May 2012	GB1208281.4					Network Signalled Support of Fast Dormancy Transition to IDLE
RM128124	Family	Filed	14 May 2012	14 May 2012						L2 Signaling Procedure for Additional Special Subframe Configuration
RM128124	WO01	Filed	14 May 2012	14 May 2012	PCT/CN2012/075438					L2 Signaling Procedure for Additional Special Subframe Configuration
RM128127	Family	Filed	28 Sep 2012	28 Sep 2012						Adaptive D-SR period based on DRX configuration
RM128127	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082288					Adaptive D-SR period based on DRX configuration
RM128128	Family	Filed	11 May 2012	11 May 2012						On PSS SSS and D2D RS Collision Avoidance
RM128128	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075369					On PSS SSS and D2D RS Collision Avoidance
RM128129	Family	Filed	27 Jun 2012	27 Jun 2012						Common control signaling handling for MTC UE
RM128129	WO01	POA	27 Jun 2012	27 Jun 2012	PCT/CN2012/077805					Common control signaling handling for MTC UE
RM128130	Family	Filed	10 Oct 2012	10 Oct 2012						Joint call and device to device discovery
RM128130	GB01	Filed	10 Oct 2012	10 Oct 2012	GB1218201.0					Joint call and device to device discovery
RM128130	WO01	ToFiling		10 Oct 2012						Joint call and device to device discovery
RM128131	Family	Filed	2 Aug 2012	2 Aug 2012						Method on LTE sharing CRNTI for low periodicity packet transmission
RM128131	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213798.1					Method on LTE sharing CRNTI for low periodicity packet transmission
RM128131	WO01	Filed	24 Jul 2013	2 Aug 2012	PCT/EP2013/065066					Method on LTE sharing CRNTI for low periodicity packet transmission
RM128132	Family	Filed	20 Jun 2012	20 Jun 2012						Reduction of Measurement Report Size in challenging signal conditions
RM128132	GB01	Filed	20 Jun 2012	20 Jun 2012	GB1210829.2					Reduction of Measurement Report Size in challenging signal conditions
RM128132	WO01	Filed	18 Jun 2013	20 Jun 2012	PCT/EP2013/064877					Reduction of Measurement Report Size in challenging signal conditions
RM128133	Family	Filed	17 Aug 2012	17 Aug 2012						Data Bridge Between On-Chip Power Domains
RM128133	GB01	POA	17 Aug 2012	17 Aug 2012	GB1214748.4					Data Bridge Between On-Chip Power Domains

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RM128133	US01	Filed	12 Feb 2013	17 Aug 2012	US13/765866					Data Bridge Between On-Chip Power Domains
RM128133	WO01	Filed	15 Aug 2013	17 Aug 2012	PCT/IB2013/056660					Data Bridge Between On-Chip Power Domains
RM128135	Family	Filed	15 Jul 2012	15 Jul 2012						EUTRAN measurements and reselection during RRC state transition
RM128135	GB01	Granted	15 Jul 2012	15 Jul 2012	GB1212481.3	GB2493805	13 Feb 2013	GB2493805	7 Aug 2013	EUTRAN measurements and reselection during RRC state transition
RM128137	Family	Filed	11 May 2012	11 May 2012						Necessary signaling and procedures for IDC
RM128137	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075392					Necessary signaling and procedures for IDC
RM128138	Family	Filed	14 May 2012	14 May 2012						Redirection using indexes to tagged frequencies
RM128138	US01	Filed	14 May 2012	14 May 2012	US13/470869					Redirection using indexes to tagged frequencies
RM128139	Family	Filed	16 May 2012	16 May 2012						Outer loop precoder phase coefficient adaptation
RM128139	GB01	POA	16 May 2012	16 May 2012	GB1208843.7					Outer loop precoder phase coefficient adaptation
RM128139	US01	Filed	30 Apr 2013	16 May 2012	US13/873912					Outer loop precoder phase coefficient adaptation
RM128141	Family	Filed	11 May 2012	11 May 2012						An efficient IDC indication prohibition mechanism
RM128141	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075398					An efficient IDC indication prohibition mechanism
RM128142	Family	Filed	28 Sep 2012	28 Sep 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM128142	GB01	Filed	28 Sep 2012	28 Sep 2012	GB1217198.4					On Handling Uplink Retransmission and Discovery Signal Collision
RM128142	US01	ToFiling		28 Sep 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM128143	Family	Filed	1 Jun 2012	1 Jun 2012						Back-off adaptation for access efficiency in the feedback channel
RM128143	GB01	Filed	1 Jun 2012	1 Jun 2012	GB1209623.2					Back-off adaptation for access efficiency in the feedback channel
RM128143	WO01	Filed	31 May 2013	1 Jun 2012	PCT/IB2013/054503					Back-off adaptation for access efficiency in the feedback channel
RM128145	Family	Filed	19 Oct 2012	19 Oct 2012						A novel random access procedure for local area wireless network
RM128145	WO01	POA	19 Oct 2012	19 Oct 2012	PCT/CN2012/083233					A novel random access procedure for local area wireless network
RM128146	Family	Filed	29 Jun 2012	29 Jun 2012						Optimized DRX and SR configuration for diverse data applications
RM128146	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211613.3					Optimized DRX and SR configuration for diverse data applications
RM128146	WO01	Filed	28 Jun 2013	29 Jun 2012	PCT/IB2013/055336					Optimized DRX and SR configuration for diverse data applications
RM128148	Family	Closed								EUTRA capability re-enabling via GERAN / UTRAN
RM128149	Family	Filed	12 Sep 2012	12 Sep 2012						Dynamic additional maximum power reduction
RM128149	GB01	POA	12 Sep 2012	12 Sep 2012	GB1216294.7					Dynamic additional maximum power reduction
RM128149	WO01	Filed	13 Sep 2013	12 Sep 2012	PCT/IB2013/058425					Dynamic additional maximum power reduction
RM128150	Family	Filed	21 May 2012	21 May 2012						Design of interleaving for distributed ePDCCH
RM128150	GB01	POA	21 May 2012	21 May 2012	GB1218182.6					Design of interleaving for distributed ePDCCH
RM128150	US01	Filed	11 Feb 2013	21 May 2012	US13/764279					Design of interleaving for distributed ePDCCH
RM128150	WO01	Filed	21 May 2012	21 May 2012	PCT/CN2012/075638					Design of interleaving for distributed ePDCCH
RM128151	Family	Filed	14 May 2012	14 May 2012						Data Transmission Method
RM128151	US01	Filed	14 May 2012	14 May 2012	US61/646833					Data Transmission Method
RM128151	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053873					Data Transmission Method
RM128152	Family	Filed	23 Aug 2012	23 Aug 2012						Low-Power LTE New Carrier Type
RM128152	WO01	POA	23 Aug 2012	23 Aug 2012	PCT/CN2012/080805					Low-Power LTE New Carrier Type
RM128153	Family	Filed	14 May 2012	14 May 2012						Signaling Method for Wireless Communication System
RM128153	US01	Filed	14 May 2012	14 May 2012	US61/646811					Signaling Method for Wireless Communication System
RM128153	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053872					Signaling Method for Wireless Communication System
RM128158	Family	Filed	31 Aug 2012	31 Aug 2012						Transmitter envelope delay calibration
RM128158	GB01	Filed	31 Aug 2012	31 Aug 2012	GB1215639.7					Transmitter envelope delay calibration
RM128158	WO01	Filed	29 Aug 2013	31 Aug 2012	PCT/IB2013/058118					Transmitter envelope delay calibration
RM128157	Family	Filed	18 May 2011	18 May 2011						Digitally Controlled Delay
RM128157	FI01	Closed	18 May 2011	18 May 2011	FI20115481					Digitally Controlled Delay
RM128157	WO01	POA	18 May 2012	18 May 2011	PCT/IB2012/052508	WO2012156952	22 Nov 2012			Digitally Controlled Delay
RM128158	Family	Filed	31 May 2012	31 May 2012						System for enhanced interference suppression
RM128158	GB01	Filed	31 May 2012	31 May 2012	GB1209741.6					System for enhanced interference suppression
RM128158	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054472					System for enhanced interference suppression
RM128159	Family	Filed	31 May 2012	31 May 2012						Implicit RS sequence allocation
RM128159	GB01	Filed	31 May 2012	31 May 2012	GB1209744.0					Implicit RS sequence allocation
RM128159	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054471					Implicit RS sequence allocation
RM128162	Family	Filed	26 Jul 2012	26 Jul 2012						Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM128162	WO01	Filed	25 Jul 2012	26 Jul 2012	PCT/CN2012/078216					Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM128164	Family	Filed	20 Jul 2012	20 Jul 2012						A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM128164	WO01	POA	20 Jul 2012	20 Jul 2012	PCT/CN2012/078822					A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM128165	Family	Filed	23 Jul 2012	23 Jul 2012						Enhanced vehicle GW access method in cellular network for vehicle communications

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RM128168	WO01	Filed	23 Jul 2012	23 Jul 2012	PCT/CN2012/078668					Enhanced vehicle C-V access method in cellular network for vehicle communications
RM128169	Family	Filed	31 May 2012	31 May 2012						CQI reporting and eNB scheduling in support of widely linear receivers
RM128169	GB01	Filed	31 May 2012	31 May 2012	GB1209748.1					CQI reporting and eNB scheduling in support of widely linear receivers
RM128169	WO01	Filed	29 May 2013	31 May 2012	PCT/EP2013/064438					CQI reporting and eNB scheduling in support of widely linear receivers
RM128169	Family	Filed	13 Jul 2012	13 Jul 2012						Small cell discovery and measurement using PDCH and CSI-RS
RM128169	WO01	PCA	13 Jul 2012	13 Jul 2012	PCT/CN2012/078619					Small cell discovery and measurement using PDCH and CSI-RS
RM128172	Family	Filed	19 Dec 2012	19 Dec 2012						Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM128172	GB01	Filed	19 Dec 2012	19 Dec 2012	GB1222979.4					Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM128173	Family	Filed	12 Oct 2012	12 Oct 2012						SCH-based RS configurations for New Carrier Type
RM128173	WO01	PCA	12 Oct 2012	12 Oct 2012	PCT/CN2012/082840					SCH-based RS configurations for New Carrier Type
RM128174	Family	Filed	16 Oct 2012	16 Oct 2012						MIB indication in standalone new carrier type
RM128174	WO01	Filed	16 Oct 2012	16 Oct 2012	PCT/CN2012/083006					MIB indication in standalone new carrier type
RM128177	Family	Filed	5 Oct 2012	5 Oct 2012						Special Subframe configuration for Low-Cost Machine Type Communications
RM128177	WO01	PCA	5 Oct 2012	5 Oct 2012	PCT/EP2012/069383					Special Subframe configuration for Low-Cost Machine Type Communications
RM128178	Family	Filed	28 Jun 2012	28 Jun 2012						Necessary signaling and procedures for UE interference cancellation in HetNet
RM128178	WO01	Filed	28 Jun 2012	28 Jun 2012	PCT/CN2012/077722					Necessary signaling and procedures for UE interference cancellation in HetNet
RM128181	Family	Filed	11 Oct 2012	11 Oct 2012						Enhanced power saving method for future HetNet deployment scenario
RM128181	WO01	Filed	11 Oct 2012	11 Oct 2012	PCT/CN2012/082908					Enhanced power saving method for future HetNet deployment scenario
RM128184	Family	Filed	18 Oct 2012	18 Oct 2012						ePDCCH configuration procedure in standalone new carrier type
RM128184	WO01	PCA	18 Oct 2012	18 Oct 2012	PCT/CN2012/082888					ePDCCH configuration procedure in standalone new carrier type
RM128185	Family	Filed	13 Sep 2012	13 Sep 2012						Sectorization for hidden terminal mitigation
RM128185	GB01	Filed	13 Sep 2012	13 Sep 2012	GB1216395.6					Sectorization for hidden terminal mitigation
RM128185	US01	Filed	9 Sep 2013	13 Sep 2012	US14021373					Sectorization for hidden terminal mitigation
RM128188	Family	Filed	14 Jan 2013	14 Jan 2013						On Small Cell and UE Discovery
RM128188	GB01	PCA	14 Jan 2013	14 Jan 2013	GB1300692.8					On Small Cell and UE Discovery
RM128189	Family	Filed	18 Oct 2012	18 Oct 2012						Method and apparatus for cell access
RM128189	GB01	Filed	18 Oct 2012	18 Oct 2012	GB1218092.8					Method and apparatus for cell access
RM128189	US01	toFiling		18 Oct 2012						Method and apparatus for cell access
RM128192	Family	Filed	4 Sep 2012	4 Sep 2012						Power efficient broadcast signal and mode indication for sleeping eNB
RM128192	WO01	Filed	4 Sep 2012	4 Sep 2012	PCT/CN2012/080991					Power efficient broadcast signal and mode indication for sleeping eNB
RM128194	Family	Filed	29 Sep 2012	29 Sep 2012						Enhancement of contention based UL transmission in LA network
RM128194	WO01	Filed	29 Sep 2012	29 Sep 2012	PCT/CN2012/082435					Enhancement of contention based UL transmission in LA network
RM128195	Family	Filed	30 Aug 2012	30 Aug 2012						Clash indicator for carrier aggregation
RM128195	WO01	Filed	30 Aug 2012	30 Aug 2012	PCT/CN2012/080803					Clash indicator for carrier aggregation
RM128196	Family	Filed	3 Aug 2012	3 Aug 2012						Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM128196	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/078640					Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM128197	Family	Filed	16 Jul 2012	16 Jul 2012						Connectivity Enhancement for Wireless Communication System
RM128197	US01	Filed	16 Jul 2012	16 Jul 2012	US13550045					Connectivity Enhancement for Wireless Communication System
RM128197	WO01	Filed	16 Jul 2013	16 Jul 2013	PCT/EP2013/064829					Connectivity Enhancement for Wireless Communication System
RM128198	Family	Filed	12 Oct 2012	12 Oct 2012						On Profile EUTRAN capability in Inter-EUTRAN mobility
RM128198	GB01	Filed	12 Oct 2012	12 Oct 2012	GB1218373.7					On Profile EUTRAN capability in Inter-EUTRAN mobility
RM128198	US01	ToFiling		12 Oct 2013						On Profile EUTRAN capability in Inter-EUTRAN mobility
RM128199	Family	Filed	29 Sep 2012	29 Sep 2012						Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM128199	WO01	Filed	29 Sep 2012	29 Sep 2012	PCT/CN2012/082468					Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM128202	Family	Filed	30 Jul 2012	30 Jul 2012						Call Restriction Enhancement for UE Initiated Calls in HetNet Scenario
RM128202	GB01	Granted	30 Jul 2012	30 Jul 2012	GB1213617.4	GB2494754	20 Mar 2013	GB2494754	4 Sep 2013	Call Restriction Enhancement for UE Initiated Calls in HetNet Scenario
RM128202	WO01	Filed	29 Jul 2013	30 Jul 2012	PCT/EP2013/066135					Call Restriction Enhancement for UE Initiated Calls in HetNet Scenario
RM128203	Family	Filed	7 Nov 2012	7 Nov 2012						Initial access for small nodes with same cell ID
RM128203	WO01	Filed	7 Nov 2012	7 Nov 2012	PCT/CN2012/084187					Initial access for small nodes with same cell ID
RM128204	Family	Filed	28 Jun 2012	28 Jun 2012						Method and apparatus of small measurement reporting in weak field
RM128204	GB01	PCA	28 Jun 2012	28 Jun 2012	GB1211466.9	GB2481277	28 Nov 2012	GB2481277	3 Oct 2013	Method and apparatus of small measurement reporting in weak field
RM128204	WO01	Filed	28 Jun 2013	28 Jun 2012	PCT/EP2013/063250					Method and apparatus of small measurement reporting in weak field

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RM126208	Family	Filed	19 Oct 2012	19 Oct 2012						Controlling modem RX data paths according to TX antenna selection
RM126208	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218885.3					Controlling modem RX data paths according to TX antenna selection
RM126208	GB02	Filed	23 Oct 2012	19 Oct 2012	GB1218938.3					Controlling modem RX data paths according to TX antenna selection
RM126209	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	GB1222282.3					Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126209	US01	Filed	28 Aug 2013	11 Dec 2012	US14012482					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/CN2012/081152					Configuration and Uplink Control Information Transmissions for Inter-eNB Carrier Aggregation
RM126213	Family	Filed	13 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	GB2481069	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	US13/549649					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/CN2012/080708					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	GB1212847.0					PS-Poll Sleep Duration Indication
RM126219	WO01	Filed	16 Jul 2013	16 Jul 2012	PCT/IB2013/055835					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	GB1212586.8	GB2486235	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	GB1213893.9	GB2495018	1 May 2013			Method and apparatus of smart measured result reporting
RM126222	US01	Filed	16 Apr 2013	3 Aug 2012	US13863838					Method and apparatus of smart measured result reporting
RM126222	US02	Filed	16 Sep 2013	3 Aug 2012	US14030895					Method and apparatus of smart measured result reporting
RM126222	WO01	Filed	3 Aug 2013	3 Aug 2012	PCT/CN2012/079646					Method and apparatus of smart measured result reporting
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	GB1213669.7					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	GB1213973.6					UE power saving indication prohibit timer calculation
RM126229	US01	Filed	6 Aug 2013	6 Aug 2012	US13/956021					UE power saving indication prohibit timer calculation
RM126230	Family	Filed	6 Aug 2012	6 Aug 2012						Methods of faster call resolution upon RRC Connection Reject
RM126230	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213984.8					Methods of faster call resolution upon RRC Connection Reject
RM126230	WO01	Filed	5 Aug 2013	6 Aug 2012	PCT/IB2013/056414					Methods of faster call resolution 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	GB1218663.0	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/CN2012/085068					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			US8381862	9 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/CN2012/083802					LTE assisted WLAN AP discovery

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Case ref. #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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	GB1219718.3					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
										Multiplexed Transmission of Data from Multiple DL HARQ Processes for LTE TDD Flexible Switching Operation
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					Novel energy saving method in HeNM
RM126246	Family	Filed	6 Sep 2012	6 Sep 2012						Novel energy saving method in HeNM
RM126246	WO01	Filed	6 Sep 2012	6 Sep 2012	PCT/CN2012/081091					An efficient IDC autonomous denial prohibition mechanism
RM126248	Family	Filed	8 Aug 2012	8 Aug 2012						An efficient IDC autonomous denial prohibition mechanism
RM126248	WO01	POA	8 Aug 2012	8 Aug 2012	PCT/CN2012/079736					Novel sleeping procedure for LTE new carrier type and future local area network
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					Antenna port for demodulation of ePDCCH
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/CN2012/079698					CS domain congestion control in combined registration when PS domain is not congested
RM126251	Family	Filed	8 Aug 2012	8 Aug 2012						CS domain congestion control in combined registration when PS domain is not congested
RM126251	US01	Filed	8 Aug 2012	8 Aug 2012	US61/680027					CS domain congestion control in combined registration when PS domain is not congested
RM126251	US02	Filed	8 Aug 2013	8 Aug 2012	US13/960143					
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	GB1217797.7	GB2495088	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/CN2012/083087					low power assumption static MTC in connected mode
RM126257	Family	Filed	18 Oct 2012	18 Oct 2012						Envelope tracking transmitter with variable differential delay
RM126257	GB01	Filed	18 Oct 2012	18 Oct 2012	GB1218874.0					Envelope tracking transmitter with variable differential delay
RM126257	US01	ToFiling		18 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)
RM126258	GB01	Filed	21 Aug 2012	21 Aug 2012	GB1214804.3					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	US01	Filed	21 Aug 2013	21 Aug 2012	US13/872110					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	WO01	Filed	15 Aug 2013	21 Aug 2012	PCT/IB2013/056867					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	GB1219718.6					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 signaling configuration for Standalone New Carrier Type
RM126268	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1219791.9					Broadcast signaling configuration for Standalone New Carrier Type

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RM126266	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	28 Sep 2012	28 Sep 2012						Front-end architecture for LSRHB downlink carrier aggregation operation with low IL and harmonic traps
RM126270	WO01	PCA	28 Sep 2012	28 Sep 2012	PCT/IB2012/002217					Front-end architecture for LSRHB 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	PCA	1 Oct 2012	1 Oct 2012	GB1217597.8					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 signalling and procedures to solve IMD in IDC
RM126274	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082370					Necessary signalling 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	GB1300948.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB02	Closed	7 Jan 2013	7 Jan 2013	GB1300198.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126277	Family	Filed	10 Oct 2012	10 Oct 2012						Hotlist idle mode reselection X-factor
RM126277	GB01	PCA	10 Oct 2012	10 Oct 2012	GB1218203.6					Hotlist idle mode reselection X-factor
RM126278	Family	Filed	30 Oct 2012	30 Oct 2012						Blocking of spurious inter-frequency & interregion measurement reports when Intra Frequency quality is above quality threshold.
RM126278	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219618.9					Blocking of spurious inter-frequency & interregion 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	PCA	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	GB1220599.4					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	PCA	12 Nov 2012	12 Nov 2012	GB1220523.8					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	GB1217687.7					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	GB1219824.4					Car roof antenna concept
RM126285	Family	Filed	23 Oct 2012	23 Oct 2012						Channel reservation for overcoming OBSS problems
RM126285	GB01	PCA	23 Oct 2012	23 Oct 2012	GB1218040.1					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 Hotlist Scenario
RM126286	GB01	PCA	2 Nov 2012	2 Nov 2012	GB1219717.4	GB2496868	29 May 2013			Enhanced E-DCH for Robust SI Transmission in Hotlist Scenario
RM126287	Family	Filed	6 Nov 2012	6 Nov 2012						Enhanced radio link monitoring for LTE
RM126287	GB01	Filed	6 Nov 2012	6 Nov 2012	GB1219885.9					Enhanced radio link monitoring for LTE
RM126288	Family	Filed	3 Dec 2012	3 Dec 2012						Signalling support for interference cancelling receivers
RM126288	GB01	Filed	3 Dec 2012	3 Dec 2012	GB1221718.8					Signalling support for interference cancelling receivers
RM126289	Family	Filed	30 Oct 2012	30 Oct 2012						Timer Configuration for Enhanced Connectivity
RM126289	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219603.9					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	PCA	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	PCA	4 Oct 2012	4 Oct 2012	GB1217795.2	GB2496828	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	GB1218081.5					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

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RM128295	Family	Filed	13 Dec 2012	13 Dec 2012						Signaling to convey scrambling code information in support of interference cancelling receivers
RM128295	GB01	Filed	13 Dec 2012	13 Dec 2012	GB1222618.8					Signaling to convey scrambling code information in support of interference cancelling receivers
RM128297	Family	Filed	23 Oct 2012	23 Oct 2012						Short CF-End and Short CF-End+CF-Ack Frame Definition
RM128297	GB01	POA	23 Oct 2012	23 Oct 2012	GB1219644.3					Short CF-End and Short CF-End+CF-Ack Frame Definition
RM128297	US01	ToFiling		23 Oct 2012						Short CF-End and Short CF-End+CF-Ack Frame Definition
RM128298	Family	Filed	5 Dec 2012	5 Dec 2012						DMRS reduction for local area network
RM128298	WO01	Filed	5 Dec 2012	5 Dec 2012	PCT/CN2012/085910					DMRS reduction for local area network
RM128299	Family	Filed	12 Dec 2012	12 Dec 2012						Updating connected cars operational radio parameters
RM128299	GB01	POA	12 Dec 2012	12 Dec 2012	GB1222394.7					Updating connected cars operational radio parameters
RM128300	Family	Filed	21 Nov 2012	21 Nov 2012						Feedback signal selection in iterative receivers
RM128300	GB01	POA	21 Nov 2012	21 Nov 2012	GB1220858.5					Feedback signal selection in iterative receivers
RM128301	Family	Filed	7 Feb 2013	7 Feb 2013						Simplified handover procedure for CPU-plane split LA cells
RM128301	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071518					Simplified handover procedure for CPU-plane split LA cells
RM128302	Family	Filed	28 Dec 2012	28 Dec 2012						New mobility mechanism in WLAN/3GPP interworking
RM128302	WO01	Filed	28 Dec 2012	28 Dec 2012	PCT/CN2012/087825					New mobility mechanism in WLAN/3GPP interworking
RM128304	Family	Filed	18 Dec 2012	18 Dec 2012						Parameterizations of low density parity check matrices by using interleavers
RM128304	GB01	Filed	18 Dec 2012	18 Dec 2012	GB1222908.2					Parameterizations of low density parity check matrices by using interleavers
RM128307	Family	Filed	2 Apr 2013	2 Apr 2013						Method and Apparatus for Configuring Measurement Gaps
RM128307	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305895.3					Method and Apparatus for Configuring Measurement Gaps
RM128308	Family	Filed	22 Jan 2013	22 Jan 2013						RLF and HOF handling for dual connection
RM128308	WO01	Filed	22 Jan 2013	22 Jan 2013	PCT/CN2013/070838					RLF and HOF handling for dual connection
RM128309	Family	Filed	17 Jan 2013	17 Jan 2013						A base band analog cancellation scheme to suppress self-interference for full duplex wireless receiver design
RM128309	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
RM128311	Family	Filed	4 Dec 2012	4 Dec 2012						Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM128311	GB01	POA	4 Dec 2012	4 Dec 2012	GB1221024.4	GB2498080	7 Aug 2013			Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM128313	Family	Filed	2 Nov 2012	2 Nov 2012						Link Local Domain for 3GPP Proximity Services
RM128313	GB01	POA	2 Nov 2012	2 Nov 2012	GB1219788.9					Link Local Domain for 3GPP Proximity Services
RM128317	Family	Filed	29 Oct 2012	29 Oct 2012						Mode Change Indication
RM128317	GB01	Filed	29 Oct 2012	29 Oct 2012	GB1219399.1					Mode Change Indication
RM128318	Family	Filed	21 Dec 2012	21 Dec 2012						Enhanced best cell detection for high performance GSM capable terminals
RM128318	GB01	POA	21 Dec 2012	21 Dec 2012	GB1223388.0					Enhanced best cell detection for high performance GSM capable terminals
RM128319	Family	Filed	21 Dec 2012	21 Dec 2012						New Carrier Type cell DTX mechanisms in LTE
RM128319	GB01	Filed	21 Dec 2012	21 Dec 2012	GB1223272.4					New Carrier Type cell DTX mechanisms in LTE
RM128320	Family	Filed	2 Nov 2012	2 Nov 2012						Necessary signalling and procedure to solve HDS in IDC
RM128320	WO01	Filed	2 Nov 2012	2 Nov 2012	PCT/CN2012/083989					Necessary signalling and procedure to solve HDS in IDC
RM128321	Family	Filed	29 May 2013	29 May 2013						A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM128321	GB01	Filed	29 May 2013	29 May 2013	GB1309562.6					A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM128323	Family	Filed	18 Jan 2013	18 Jan 2013						Enhancement of ICIC solution in HetNets with flexible TDD
RM128323	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070882					Enhancement of ICIC solution in HetNets with flexible TDD
RM128324	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage calibration for Rx mixer
RM128324	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222843.7					LO leakage calibration for Rx mixer
RM128325	Family	Filed	7 Feb 2013	7 Feb 2013						Enhanced power saving mode management for dual connection
RM128325	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071546					Enhanced power saving mode management for dual connection
RM128326	Family	Filed	18 Jan 2013	18 Jan 2013						Calibration for envelope tracking shaping table
RM128326	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300722.4					Calibration for envelope tracking shaping table
RM128327	Family	Filed	10 Dec 2012	10 Dec 2012						Controlling UE Antenna switching
RM128327	GB01	Filed	10 Dec 2012	10 Dec 2012	GB1222186.1					Controlling UE Antenna switching
RM128328	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage estimation / calibration for Rx mixer
RM128328	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222844.5					LO leakage estimation / calibration for Rx mixer
RM128331	Family	Filed	3 Apr 2013	3 Apr 2013						Crystal Temperature Compensation Method and Algorithm
RM128331	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1306013.2					Crystal Temperature Compensation Method and Algorithm

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Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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 MCT
RM126335	WO01	Filed	14 Jan 2013	14 Jan 2013	PCT/CN2013/070424					CSI Report triggering with reduced DL control overhead for MCT
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/CN2012/086158					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	GB1219882.6					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	GB1301705.6					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	GB1301582.4					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	GB1218785.1					Intelligent handling of RRC connection release delay
RM126340	US01	Granted	5 Nov 2012	2 Nov 2012	US13/668640			US8548489	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/CN2013/070708					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	GB1308801.3					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/CN2013/073866					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/CN2012/084642					Method for resource allocation signaling for EPDCCH
RM126351	Family	Filed	12 Dec 2012	12 Dec 2012						Design and Signaling for Enhanced SRS
RM126351	WO01	Filed	12 Dec 2012	12 Dec 2012	PCT/CN2012/086453					Design and Signaling 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
RM126353	WO01	Filed	21 Dec 2012	21 Dec 2012	PCT/CN2012/087186					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	GB1221512.8					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	GB1300276.5					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 MS-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 MS-values than the eNB is signaling
RM126365	Family	Filed	18 Jan 2013	18 Jan 2013						Adaptive CA signaling to support flexible TDD UL/DL reconfiguration
RM126365	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070694					Adaptive 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

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Patents

Case ref.	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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	GB1306633.7					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	GB1306628.8					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/CN2013/070656					Enhanced repetition transmission for DL control signal to improve the MTC coverage
RM126378	Family	Filed	30 May 2013	30 May 2013						Method and apparatus for configuring timing advance groups
RM126378	GB01	Filed	30 May 2013	30 May 2013	GB1309787.6					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	GB1312106.4					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	GB1301787.4					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/CN2013/070708					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/CN2013/070680					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 802.11ak
RM126393	GB01	POA	4 Jan 2013	4 Jan 2013	GB1300143.3					Packet Transmission Period Aggregation for Relay Operation in 802.11ak
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	GB1223286.9					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/CN2013/070803					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/CN2013/070688					ePDCCH configuration for Standalone New Carrier Type
RM126398	Family	Filed	9 Aug 2013	9 Aug 2013						On concurrent Proxe and infrastructure based communication
RM126398	GB01	Filed	9 Aug 2013	9 Aug 2013	GB1314326.8					On concurrent Proxe 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	GB1306696.8					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
RM126402	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/073588					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
RM126405	Family	Filed	25 Jan 2013	25 Jan 2013						Method and apparatus for mapping data to logical channels
RM126405	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301588.8					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	GB1300886.9					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	GB1300625.3					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	18 Jan 2013	18 Jan 2013						CQI enhancement in flexible TDD systems
RM126412	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070658					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/CN2013/076534					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

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RM128417	WO01	Filed	2 Apr 2013	2 Apr 2013	PCT/CN2013/073636					Cell identification signal design from dormant state cell
RM128418	Family	Filed	27 Mar 2013	27 Mar 2013						Transmitter linearity improvement
RM128419	GB01	Filed	27 Mar 2013	27 Mar 2013	GB1306635.3					Transmitter linearity improvements
RM128421	Family	Filed	3 Apr 2013	3 Apr 2013						Multi-Dimensional Algebra Solver
RM128421	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305830.9					Multi-Dimensional Algebra Solver
RM128423	Family	Filed	3 Apr 2013	3 Apr 2013						BTS Controlling UE Antenna switching
RM128423	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1305891.0					BTS Controlling UE Antenna switching
RM128424	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary WLAN/LTE interworking procedures and signaling
RM128424	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073786					Necessary WLAN/LTE interworking procedures and signaling
RM128425	Family	Filed	18 Jan 2013	18 Jan 2013						Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM128425	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070707					Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM128427	Family	Filed	21 Feb 2013	21 Feb 2013						UE HW related OTDOA delay measurement period
RM128427	GB01	Filed	21 Feb 2013	21 Feb 2013	GB1303072.1					UE HW related OTDOA delay measurement period
RM128428	Family	Filed	18 Jan 2013	18 Jan 2013						Cross Link BSR Report in Dual Connection
RM128428	WO01	Closed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070314					Cross Link BSR Report in Dual Connection
RM128428	WO02	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070688					Cross Link BSR Report in Dual Connection
RM128430	Family	Filed	21 Jan 2013	21 Jan 2013						Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM128430	GB01	Filed	21 Jan 2013	21 Jan 2013	GB1301014.6					Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM128432	Family	Filed	24 Jan 2013	24 Jan 2013						On the Transmission Opportunity (TXOP) with HARQ protocol
RM128432	GB01	Filed	24 Jan 2013	24 Jan 2013	GB1301293.5					On the Transmission Opportunity (TXOP) with HARQ protocol
RM128433	Family	Filed	18 Jan 2013	18 Jan 2013						Access control handling upon SRNS relocation
RM128433	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300922.0					Access control handling upon SRNS relocation
RM128434	Family	Filed	8 Apr 2013	8 Apr 2013						Accurate interference level measurement based on power offset indication
RM128434	WO01	Filed	8 Apr 2013	8 Apr 2013	PCT/CN2013/073975					Accurate interference level measurement based on power offset indication
RM128435	Family	Filed	25 Feb 2013	25 Feb 2013						Dormant cell detection and report configurations
RM128435	WO01	Filed	25 Feb 2013	25 Feb 2013	PCT/CN2013/071893					Dormant cell detection and report configurations
RM128438	Family	Filed	3 Apr 2013	3 Apr 2013						Autonomous Carrier Allocation Change Occasion at CA based ICIC
RM128438	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073753					Autonomous Carrier Allocation Change Occasion at CA based ICIC
RM128439	Family	Filed	15 Apr 2013	15 Apr 2013						Compatible and Agile Carrier Aggregation Front End #1
RM128439	GB01	Filed	15 Apr 2013	15 Apr 2013	GB1306818.2					Compatible and Agile Carrier Aggregation Front End #1
RM128441	Family	Filed	23 Apr 2013	23 Apr 2013						A novel method to protect WLAN performance from IDC interference
RM128441	WO01	Filed	23 Apr 2013	23 Apr 2013	PCT/CN2013/074577					A novel method to protect WLAN performance from IDC interference
RM128443	Family	Filed	18 Jan 2013	18 Jan 2013						A novel method to change TDD configuration in eIMTA
RM128443	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070705					A novel method to change TDD configuration in eIMTA
RM128445	Family	Filed	17 Jan 2013	17 Jan 2013						Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching
RM128445	WO01	Filed	17 Jan 2013	17 Jan 2013	PCT/CN2013/070605					Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching
RM128448	Family	Filed	2 Jul 2013	2 Jul 2013						Noise shaping in a direct digital transmitter (or a digital-to-analog converter)
RM128448	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311823.7					Noise shaping in a direct digital transmitter (or a digital-to-analog converter)
RM128447	Family	Filed	25 Jan 2013	25 Jan 2013						Timer handling for dual-TVM threshold measurement event.
RM128447	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301382.8					Timer handling for dual-TVM threshold measurement event.
RM128448	Family	Filed	15 Apr 2013	2 Apr 2013						Compatible and Agile Carrier Aggregation Front End #5
RM128448	GB01	Filed	15 Apr 2013	2 Apr 2013	GB1306821.6					Compatible and Agile Carrier Aggregation Front End #5
RM128449	Family	Filed	31 May 2012	12 Apr 2012						Modem receiver path delay measurement method #2
RM128449	GB01	Filed	31 May 2012	12 Apr 2012	GB1208729.5					Modem receiver path delay measurement method #2
RM128449	US01	Filed	3 May 2013	12 Apr 2012	US13/875482					Modem receiver path delay measurement method #2
RM128450	Family	Filed	8 Jan 2013	8 Jan 2013						Triggering downlink traffic with timing indication
RM128450	US01	Filed	8 Jan 2013	8 Jan 2013	US61/750132					Triggering downlink traffic with timing indication
RM128451	Family	Filed	18 Jan 2013	18 Jan 2013						Measurement Event Specific CELL_INFO_LIST.
RM128451	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300661.9					Measurement Event Specific CELL_INFO_LIST.
RM128453	Family	Filed	18 Jan 2013	18 Jan 2013						Configurable Reference Configuration to support flexible TDD
RM128453	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070704					Configurable Reference Configuration to support flexible TDD
RM128454	Family	Filed	8 Apr 2013	8 Apr 2013						Trigger-Response Procedure for Low Cost MTC device
RM128454	WO01	Filed	8 Apr 2013	8 Apr 2013	PCT/CN2013/073887					Trigger-Response Procedure for Low Cost MTC device

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Patents

Case ref.#	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM128455	Family	Filed	18 Jan 2013	18 Jan 2013						Method for indicating offloading preference
RM128456	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300985.9					Method for indicating offloading preference
RM128457	Family	Filed	9 Apr 2013	9 Apr 2013						Novel design to adapt inter-band TDD CA HARQ scheme to support flexible TDD HARQ
RM128457	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073980					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	GB1308888.8					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	GB1300984.2					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	US14/032018					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	GB1305682.0					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/CN2013/073686					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
RM135018	FR01	Granted	2 Jul 2010	2 Jul 2010	FR2010055363	FR2962274	6 Jan 2012	FR2962274	10 Aug 2012	Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	US01	Granted	1 Jul 2011	2 Jul 2010	US13/175437	US20120002757	1 May 2012	US8442186	14 May 2013	Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	US02	Filed	26 Mar 2013	2 Jul 2010	US13/850866	US20130223579	29 Aug 2013			Boucle d'annulation de composantes continues 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	GB1308732.7					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	GB1311899.0					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	6 Mar 2013	6 Mar 2013						Restricted Access Window (RAW) for Mixed BSS Types
RM135037	GB01	Filed	6 Mar 2013	6 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

Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
RM135046	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1306073.5					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	GB1309843.1					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	GB1309061.9					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/CN2013/073758					Necessary signaling and criteria to de-cluster eIMTA clusters
RM135052	Family	Filed	8 Mar 2013	8 Mar 2013						UE adapting to network behavior during CSFB call establishment
RM135052	GB01	Filed	8 Mar 2013	8 Mar 2013	GB1304934.0					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	GB1306616.1					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	GB1306626.0					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	US61/821950					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	GB1307087.7					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	GB1306740.1					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	GB1306206.3					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/CN2013/070851					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						Hetlist connected mode triggering condition X-factor
RM135072	GB01	Filed	10 May 2013	10 May 2013	GB1309498.6					Hetlist 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/CN2013/073684					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	GB1309448.6					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/CN2013/073760					Network triggered UE switch back to LTE from WLAN
RM135086	Family	Filed	8 May 2013	8 May 2013						Methods to enable efficient sleep-active eNB mode switch
RM135086	WO01	Filed	8 May 2013	8 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
RM135090	US01	Filed	27 Mar 2013	27 Mar 2013	US13/851363					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	GB1308820.8					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	GB1310950.6					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/CN2013/074138					ANDSF aided network control in 3GPP WLAN interworking
RM135095	Family	Filed	2 Apr 2013	2 Apr 2013						A mechanism to discover devices and application users
RM135095	US01	Filed	2 Apr 2013	2 Apr 2013	US61/807994					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	GB1309144.2					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

PATENT
REEL: 045850 FRAME: 0455

Attachment A-1
Patents

Case ref #	Country	Status	Filing date	Earliest priority	Application number	Publication number	Publication date	Patent number	Grant date	Proposed title
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/CN2013/075498					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	GB1309690.8					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	GB1308481.7					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/CN2013/076646					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/CN2013/079362					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/CN2013/078680					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/CN2013/076890					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 eMB category indication
RM135129	GB01	Filed	21 May 2013	21 May 2013	GB1308103.8					LTE-A eMB 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	GB1314688.3					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/CN2013/079229					Enhanced aperiodic CQI report for flexible TDD systems
RM135135	Family	Filed	3 Jun 2013	3 Jun 2013						Double codebook improvement
RM135135	US01	Filed	5 Jun 2013	5 Jun 2013	US13/908668					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	GB1206673.9					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	GB1203168.4	GB2499833	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

NOTARIAL CERTIFICATE

This is to certify that Yukihiro Nakao an agent of Hisao Sakuta, Chairman & CEO of RENESAS ELECTRONICS CORPORATION, has stated in my presence that said Hisao Sakuta has acknowledged to have signed the attached document.

This is to certify that Yukihiro Nakao an agent of HIDEAKI CHAKI, President & CEO of RENESAS MOBILE CORPORATION, has stated in my presence that said HIDEAKI CHAKI has acknowledged to have signed the attached document.

Dated this 28th day of October, 2013.

公証人
大野重国之印

S. Ono

Shigekuni Ono
NOTARY
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Tokyo Legal Affairs Bureau

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TOKYO LEGAL AFFAIRS BUREAU · ATTACHED TO TOKYO
NOTARY

平成２５年登録第　0293 号

添付書面における作成名義人ルネサスエレクトロニクス株式会社代表取締役作田久男及び同ルネサスモバイル株式会社代表取締役茶木英明の代理人中尾行宏は、当職の面前で、各本人が作成名義人の署名を自認していると陳述した。

よって、これを認証する。

平成２５年１０月２８日、本職役場において

東京都千代田区丸の内三丁目３番１号

東京法務局所属

公証人　大野重國

公証人大野重國之印