PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3908510

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENESAS MOBILE CORPORATION	09/30/2013

RECEIVING PARTY DATA

Name:	BROADCOM INTERNATIONAL LIMITED
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Internal Address:	4TH FLOOR, ZEPHYR HOUSE
City:	GRAND CAYMAN
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Postal Code:	1107

PROPERTY NUMBERS Total: 10

Property Type	Number
Application Number:	14426284
Application Number:	14430811
Application Number:	14434046
Application Number:	14434326
Application Number:	14436439
Application Number:	14436774
Application Number:	14439486
Application Number:	14440813
Application Number:	14441804
Application Number:	14442318

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	106861-0762
NAME OF SUBMITTER:	CHRISTOPHER J. MCKENNA
SIGNATURE:	/Christopher J. McKenna/
DATE SIGNED:	06/08/2016

Total Attachments: 67

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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Patent Assignment") is made and entered into as of _____, 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 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 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.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

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 Sakuta

Title: Chairman & CEO

09/30/2013

RENESAS MOBILE CORPORATION

By: _____

Name: Hideaki Chaki

Title: President & CEO

09/30/2013

BROADCOM INTERNATIONAL LIMITED

By: _____

Name: _____

Title: _____

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: _____

Title: _____

RENESAS MOBILE CORPORATION

By: _____

Name: _____

Title: _____

BROADCOM INTERNATIONAL LIMITED

By: _____

Name: Eric Brown

Title: Director

ACKNOWLEDGMENT

State of California
County of Orange)

On September 24, 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, 2016

Signature _____ (Seal)

[Insert Notary Public acknowledgement]

Attachment A-1

			[illegible]	[illegible]						Efficient traffic steering for IDLE/CONNECTED UE
RM135157	WO01	Filed	8 Aug 2013	8 Aug 2013	PCT/CN2013/081026					Efficient traffic steering for IDLE/CONNECTED UE
RM135152	Family	ToFiling								Enhanced ABS subframe for dense small cell
RM135149	Family	Filed	2 Jul 2013	2 Jul 2013						Method and apparatus of reconfiguration status indicator
RM135148	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311691.0					Method and apparatus of reconfiguration status indicator
RM135146	Family	Filed	28 Feb 2012	28 Feb 2012						RM115449 On Feedback Design in Discovery Process
RM135146	GB01	Filed	28 Feb 2012	28 Feb 2012	GB1203185.4					RM115449 On Feedback Design in Discovery Process
RM135144	Family	Filed	3 Apr 2012	3 Apr 2012						RM115342 Semi-Persistent Scheduling with Opportunity for Discontinuous Reception
RM135142	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205273.9					RM115342 Semi-Persistent Scheduling with Opportunity for Discontinuous Reception
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
RM135135	Family	Filed	3 Jun 2013	3 Jun 2013						Double codebook improvement
RM135135	US01	Filed	3 Jun 2013	3 Jun 2013	US13/908598					Double codebook improvement
RM135132	Family	Filed	11 Jul 2013	11 Jul 2013						Enhanced aperiodic CQI report for flexible TDD systems
RM135132	WO01	Filed	11 Jul 2013	11 Jul 2013	PCT/CN2013/079226					Enhanced aperiodic CQI report for flexible TDD systems
RM135130	Family	Filed	14 Aug 2013	14 Aug 2013						Interference management in a radio system
RM135130	GB01	Filed	14 Aug 2013	14 Aug 2013	GB1314588.3					Interference management in a radio system
RM135129	Family	Filed	21 May 2013	21 May 2013						LTE-A eNB category indication
RM135129	GB01	Filed	21 May 2013	21 May 2013	GB1308103.6					LTE-A eNB category indication
RM135126	Family	Filed	17 May 2013	17 May 2013						Enabling CoMP for flexible TDD systems
RM135126	WO01	Filed	17 May 2013	17 May 2013	PCT/CN2013/075837					Enabling CoMP for flexible TDD systems
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/CN2013/076000					method of handle the activation for SCell
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
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/CN2013/078892					Signalling for Reduced Uplink DM RS
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/CN2013/079395					A novel PHY method to change TDD configuration in eIMTA
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/CN2013/076855					Channel configuration for UL simultaneous transmission in dual connectivity
RM135118	Family	Filed	10 May 2013	10 May 2013						MTC traffic volume and periodicity threshold indications
RM135118	GB01	Filed	10 May 2013	10 May 2013	GB1308401.7					MTC traffic volume and periodicity threshold indications
RM135115	Family	Filed	28 May 2013	28 May 2013						Method and apparatus for indicating network capability
RM135115	GB01	Filed	28 May 2013	28 May 2013	GB1309590.8					Method and apparatus for indicating network capability
RM135114	Family	Filed	10 May 2013	10 May 2013						Configurable Protocol Stack for Dual Connectivity
RM135114	WO01	Filed	10 May 2013	10 May 2013	PCT/CN2013/075458					Configurable Protocol Stack for Dual Connectivity
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
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
RM135097	Family	Filed	3 Apr 2013	3 Apr 2013						Solution to handle DL SPS retransmission

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Invention title
RM135087	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073210					Solution to handle DL SPS retransmission
RM135086	Family	Filed	2 Apr 2013	2 Apr 2013						A mechanism to discover devices and application users
RM135086	US01	Filed	2 Apr 2013	2 Apr 2013	US61/807864					A mechanism to discover devices and application users
RM135084	Family	Filed	12 Apr 2013	12 Apr 2013						ANDSF aided network control in 3GPP WLAN interworking
RM135084	WO01	Filed	12 Apr 2013	12 Apr 2013	PCT/CN2013/074128					ANDSF aided network control in 3GPP WLAN interworking
RM135092	Family	Filed	14 Jun 2013	14 Jun 2013						TDM scheduling enhancements to HSUPA
RM135092	GB01	Filed	14 Jun 2013	14 Jun 2013	GB1310855.5					TDM scheduling enhancements to HSUPA
RM135091	Family	Filed	17 May 2013	17 May 2013						A method to receive HS-SCCH channel without reproducing UE masking sequence
RM135091	GB01	Filed	17 May 2013	17 May 2013	GB1308920.6					A method to receive HS-SCCH channel without reproducing UE masking sequence
RM135090	Family	Filed	27 Mar 2013	27 Mar 2013						Frame format design for negative acknowledgement with hard support in 802.11
RM135090	US01	Filed	27 Mar 2013	27 Mar 2013	US13/851353					Frame format design for negative acknowledgement with hard support in 802.11
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	GB1310997.3					Dynamic configuration of receiver SNR to support different modulation types
RM135085	Family	Filed	6 May 2013	6 May 2013						Methods to enable efficient sleep-active eNB mode switch
RM135085	WO01	Filed	6 May 2013	6 May 2013	PCT/CN2013/075019					Methods to enable efficient sleep-active eNB mode switch
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/CN2013/073730					Network triggered UE switch back to LTE from WLAN
RM135077	Family	Filed	10 May 2013	10 May 2013						Method and apparatus of CQI reporting reduction
RM135077	GB01	Filed	10 May 2013	10 May 2013	GB1308448.8					Method and apparatus of CQI reporting reduction
RM135073	Family	Filed	3 Apr 2013	3 Apr 2013						Enhanced buffer status reporting in dual connectivity
RM135073	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073694					Enhanced buffer status reporting in dual connectivity
RM135072	Family	Filed	10 May 2013	10 May 2013						HetNet connected mode triggering condition X-factor
RM135072	GB01	Filed	10 May 2013	10 May 2013	GB1308468.6					HetNet connected mode triggering condition X-factor
RM135070	Family	Filed	5 Apr 2013	5 Apr 2013						PCI signaling for advanced receivers
RM135070	GB01	Filed	5 Apr 2013	5 Apr 2013	GB1306183.3					PCI signaling for advanced receivers
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/CN2013/070651					Novel WLAn information reporting procedure in LTE-WLAN interworking
RM135067	Family	Filed	5 Apr 2013	5 Apr 2013						Multiple RACH message transmission and combining
RM135067	GB01	Filed	5 Apr 2013	5 Apr 2013	GB1306206.2					Multiple RACH message transmission and combining
RM135064	Family	Filed	28 Mar 2013	28 Mar 2013						Detection of mobility for reset of RACH transmission failure parameters
RM135064	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305740.1					Detection of mobility for reset of RACH transmission failure parameters
RM135062	Family	Filed	19 Apr 2013	19 Apr 2013						Method and apparatus for HeNB mobility
RM135062	GB01	Filed	19 Apr 2013	19 Apr 2013	GB1307067.7					Method and apparatus for HeNB mobility
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	US61/821966					Method and apparatus for LPN cells cluster mobility
RM135057	Family	Filed	28 Mar 2013	28 Mar 2013						Method and apparatus for Access Control Information reset and update in Cell-DCH
RM135057	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305808.6					Method and apparatus for Access Control Information reset and update in Cell-DCH
RM135055	Family	Filed	28 Mar 2013	28 Mar 2013						Automated COUNT-I sync on SRNS relocation
RM135055	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305815.1					Automated COUNT-I sync on SRNS relocation

Case ref.	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
[illegible]	Family	Filed	6 Mar 2013	6 Mar 2013						UE adapting to network behavior during CSFB call establishment
[illegible]	GB01	Filed	6 Mar 2013	6 Mar 2013	GB1304034.0					UE adapting to network behavior during CSFB call establishment
RM135051	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary signaling and criteria to de-cluster eMTA clusters
RM135051	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073758					Necessary signaling and criteria to de-cluster eMTA clusters
RM135049	Family	Filed	20 May 2013	20 May 2013						Method and apparatus for DF-DC mobility
RM135049	GB01	Filed	20 May 2013	20 May 2013	GB1309051.9					Method and apparatus for DF-DC mobility
RM135048	Family	Filed	3 Jun 2013	3 Jun 2013						Method and Apparatus for Securely Changing Root Key of Chip
RM135048	GB01	Filed	3 Jun 2013	3 Jun 2013	GB1309842.1					Method and Apparatus for Securely Changing Root Key of Chip
RM135046	Family	Filed	28 Mar 2013	28 Mar 2013						Method and apparatus for uplink message size reduction
RM135046	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305375.6					Method and apparatus for uplink message size reduction
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
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
RM135037	Family	Filed	5 Mar 2013	5 Mar 2013						Restricted Access Window (RAW) for Mixed BSS Types
RM135037	GB01	Filed	5 Mar 2013	5 Mar 2013	GB1303904.5					Restricted Access Window (RAW) for Mixed BSS Types
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
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
RM135027	Family	Filed	16 May 2013	16 May 2013						BSS Scaling
RM135027	GB01	Filed	16 May 2013	16 May 2013	GB1308846.3					BSS Scaling
RM135024	Family	Filed	2 Jul 2013	2 Jul 2013						Compact and Accurate Resistor Tuning Network
RM135024	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311869.0					Compact and Accurate Resistor Tuning Network
RM135023	Family	Filed	12 Apr 2013	12 Apr 2013						Electrical balance duplexer topologies
RM135023	GB01	Filed	12 Apr 2013	12 Apr 2013	GB1306732.7					Electrical balance duplexer topologies
RM135018	Family	Filed	2 Jul 2013	2 Jul 2010						Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	FR01	Granted	2 Jul 2013	2 Jul 2010	FR2010055363	FR2962274	6 Jan 2012	FR2962274	10 Aug 2012	Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	US01	Granted	1 Jul 2011	2 Jul 2010	US13/175457	US20120002757	1 May 2012	US8442195	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	US13/850865					Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135017	Family	Filed	29 Mar 2013	29 Mar 2013						Connection Re-establishment after Losing Connection to Network
RM135017	WO01	Filed	29 Mar 2013	28 Mar 2013	PCT/CN2013/073440					Connection Re-establishment after Losing Connection to Network
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/CN2013/073698					Signaling and mechanism to support time switched UL for dual connectivity
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
RM135011	Family	Filed	2 Apr 2013	2 Apr 2013						Assuring mutual authentication in LTE after GSM AKA
RM135011	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305892.0					Assuring mutual authentication in LTE after GSM AKA
RM135008	Family	Filed	18 Jan 2013	18 Jan 2013						Multi-granular CSI feedback
RM135008	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300964.2					Multi-granular CSI feedback
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	GB1309896.8					Single-ended Modulator utilizing Pseudo Differential Folded Cascode concept

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM135506	Family	Filed	1 Apr 2013	1 Apr 2013						Additional assistance information for CRS interference cancellation in LA networks with flexible TDD
RM135506	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/000037					Additional assistance information for CRS interference cancellation in LA networks with flexible TDD
RM135502	Family	Filed	8 May 2013	8 May 2013						System and method of handling de-registration procedures based on access restrictions
RM135502	IN01	Filed	8 May 2013	8 May 2013	IN1673/MUM/2013					System and method of handling de-registration procedures based on access restrictions
RM126457	Family	Filed	9 Apr 2013	9 Apr 2013						Novel design to adapt inter-band TDD CA HARQ scheme to support flexible TDD HARQ
RM126457	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073960					Novel design to adapt inter-band TDD CA HARQ scheme to support flexible TDD HARQ
RM126455	Family	Filed	18 Jan 2013	18 Jan 2013						Method for indicating offloading preference
RM126455	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300985.9					Method for indicating offloading preference
RM126454	Family	Filed	8 Apr 2013	8 Apr 2013						Trigger+Response Procedure for Low Cost MTC device
RM126454	WO01	Filed	8 Apr 2013	8 Apr 2013	PCT/CN2013/073887					Trigger+Response Procedure for Low Cost MTC device
RM126453	Family	Filed	18 Jan 2013	18 Jan 2013						Configurable Reference Configuration to support flexible TDD
RM126453	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070704					Configurable Reference Configuration to support flexible TDD
RM126451	Family	Filed	18 Jan 2013	18 Jan 2013						Measurement Event Specific CELL_INFO_LIST
RM126451	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300951.9					Measurement Event Specific CELL_INFO_LIST
RM126450	Family	Filed	8 Jan 2013	8 Jan 2013						Triggering downlink traffic with timing indication
RM126450	US01	Filed	8 Jan 2013	8 Jan 2013	US61/750132					Triggering downlink traffic with timing indication
RM126449	Family	Filed	31 May 2012	12 Apr 2012						Modem receiver path delay measurement method #2
RM126449	GB01	Filed	31 May 2012	12 Apr 2012	GB1206729.3					Modem receiver path delay measurement method #2
RM126449	US01	Filed	2 May 2013	12 Apr 2012	US13/875492					Modem receiver path delay measurement method #2
RM126448	Family	Filed	16 Apr 2013	16 Apr 2013						Compatible and Agile Carrier Aggregation Front End #5
RM126448	GB01	Filed	16 Apr 2013	16 Apr 2013	GB1306821.8					Compatible and Agile Carrier Aggregation Front End #5
RM126447	Family	Filed	25 Jan 2013	25 Jan 2013						Timer handling for dual-TVM threshold measurement event
RM126447	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301362.6					Timer handling for dual-TVM threshold measurement event
RM126446	Family	Filed	2 Jul 2013	2 Jul 2013						Noise shaping in a direct digital transmitter (in a digital-to-analog converter)
RM126446	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311823.7					Noise shaping in a direct digital transmitter (in a digital-to-analog converter)
RM126445	Family	Filed	17 Jan 2013	17 Jan 2013						Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching
RM126445	WO01	Filed	17 Jan 2013	17 Jan 2013	PCT/CN2013/070605					Flexible Usage of Special Subframe for LTE TDD with Adaptive UL-DL Switching
RM126443	Family	Filed	16 Jan 2013	16 Jan 2013						A novel method to change TDD configuration in eIMTA
RM126443	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070705					A novel method to change TDD configuration in eIMTA
RM126441	Family	Filed	23 Apr 2013	23 Apr 2013						A novel method to protect WLAN performance from IDC interference
RM126441	WO01	Filed	23 Apr 2013	23 Apr 2013	PCT/CN2013/074577					A novel method to protect WLAN performance from IDC interference
RM126439	Family	Filed	15 Apr 2013	15 Apr 2013						Compatible and Agile Carrier Aggregation Front End #1
RM126439	GB01	Filed	15 Apr 2013	15 Apr 2013	GB1306819.2					Compatible and Agile Carrier Aggregation Front End #1
RM126438	Family	Filed	3 Apr 2013	3 Apr 2013						Autonomous Carrier Allocation Change Occasion of CA based ICIC
RM126438	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073753					Autonomous Carrier Allocation Change Occasion of CA based ICIC
RM126435	Family	Filed	28 Feb 2013	28 Feb 2013						Dormant cell detection and report configurations
RM126435	WO01	Filed	28 Feb 2013	28 Feb 2013	PCT/CN2013/071883					Dormant cell detection and report configurations
RM126434	Family	Filed	9 Apr 2013	9 Apr 2013						Accurate interference level measurement based on power offset indication
RM126434	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073975					Accurate interference level measurement based on power offset indication
RM126433	Family	Filed	16 Jan 2013	16 Jan 2013						Access control handling upon SRNS relocation

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Invention
RM126430	GB01	Filed	24 Jan 2013	24 Jan 2013	GB1301522.9					Access control handling upon SRNS relocation
RM126430	Family	Filed	24 Jan 2013	24 Jan 2013						On the Transmission Opportunity (TXOP) with HARQ protocol
RM126430	GB01	Filed	24 Jan 2013	24 Jan 2013	GB1301293.5					On the Transmission Opportunity (TXOP) with HARQ protocol
RM126430	Family	Filed	31 Jan 2013	31 Jan 2013						Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126430	GB01	Filed	31 Jan 2013	31 Jan 2013	GB1301614.5					Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126429	Family	Filed	10 Jan 2013	10 Jan 2013						Cross Link BSR Report in Dual Connection
RM126429	WO01	Closed	10 Jan 2013	10 Jan 2013	PCT/CN2013/070514					Cross Link BSR Report in Dual Connection
RM126429	WO02	Filed	10 Jan 2013	10 Jan 2013	PCT/CN2013/070865					Cross Link BSR Report in Dual Connection
RM126427	Family	Filed	21 Feb 2013	21 Feb 2013						UE HW related OTDOA delay measurement period
RM126427	GB01	Filed	21 Feb 2013	21 Feb 2013	GB1303072.1					UE HW related OTDOA delay measurement period
RM126425	Family	Filed	18 Jan 2013	18 Jan 2013						Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM126425	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070707					Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM126424	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary WLAN/LTE interworking procedures and signaling
RM126424	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073786					Necessary WLAN/LTE interworking procedures and signaling
RM126423	Family	Filed	3 Apr 2013	3 Apr 2013						BTS Controlling UE Antenna switching
RM126423	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1305891.9					BTS Controlling UE Antenna switching
RM126421	Family	Filed	2 Apr 2013	2 Apr 2013						Multi-Dimensional Algebra Solver
RM126421	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305932.6					Multi-Dimensional Algebra Solver
RM126419	Family	Filed	27 Mar 2013	27 Mar 2013						Transmitter linearity improvement
RM126419	GB01	Filed	27 Mar 2013	27 Mar 2013	GB1305835.2					Transmitter linearity improvement
RM126417	Family	Filed	2 Apr 2013	2 Apr 2013						Cell identification signal design form dormant state cell
RM126417	WO01	Filed	2 Apr 2013	2 Apr 2013	PCT/CN2013/073836					Cell identification signal design form dormant state cell
RM126418	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/CN2013/070868					Data Transmissions for Low Cost MTC with Coverage Enhancement
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
RM126413	Family	Filed	3 Jun 2013	3 Jun 2013						MUE preamble transmission for carrier-based ICIC
RM126413	WO01	Filed	3 Jun 2013	3 Jun 2013	PCT/CN2013/076654					MUE preamble transmission for carrier-based ICIC
RM126412	Family	Filed	16 Jan 2013	16 Jan 2013						CQI enhancement in flexible TDD systems
RM126412	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070356					CQI enhancement in flexible TDD systems
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
RM126410	Family	Filed	18 Jan 2013	18 Jan 2013						Optimization for HetNet operation
RM126410	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300928.5					Optimization for HetNet operation
RM126407	Family	Filed	17 Jan 2013	17 Jan 2013						Method for assisting on network selection
RM126407	GB01	PCA received	17 Jan 2013	17 Jan 2013	GB1300680.8					Method for assisting on network selection
RM126406	Family	Filed	25 Jan 2013	25 Jan 2013						Method and apparatus for mapping data to logical channels
RM126406	GB01	Filed	25 Jan 2013	25 Jan 2013	GB1301368.9					Method and apparatus for mapping data to logical channels
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

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Comments
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/CN2013/073638					Enhanced SCH for coverage improvement for low-cost LTE devices
RM126398	Family	Filed	11 Apr 2013	11 Apr 2013						Method and apparatus of analog predistortion for single-ended modulator
RM126398	GB01	Filed	11 Apr 2013	11 Apr 2013	GB1306696.6					Method and apparatus of analog predistortion for single-ended modulator
RM126396	Family	Filed	9 Aug 2013	9 Aug 2013						On concurrent ProSe and infrastructure based communication
RM126396	GB01	Filed	9 Aug 2013	9 Aug 2013	GB1314325.0					On concurrent ProSe and infrastructure based communication
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/CN2013/070658					ePDCCH configuration for Standalone New Carrier Type
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/CN2013/070660					Configurable Reference Signal Type for RRM/RLM measurement
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	GB1223360.9					STA-Relay Access During Scheduled Transmission Opportunity
RM126393	Family	Filed	4 Jan 2013	4 Jan 2013						Packet Transmission Period Aggregation for Relay Operation in 802.11ah
RM126393	GB01	PCA received	4 Jan 2013	4 Jan 2013	GB1300143.3					Packet Transmission Period Aggregation for Relay Operation in 802.11ah
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/CN2013/070688					A novel method to change TDD configuration of a cluster in eIMTA
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/CN2013/070670					PRACH coverage improvement for MTC UE
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
RM126388	Family	Filed	5 Jul 2013	5 Jul 2013						Antenna environment profile
RM126388	GB01	Filed	5 Jul 2013	5 Jul 2013	GB1312128.4					Antenna environment profile
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/CN2013/070027					Assistance information for CRS interference cancellation with low interference subframe in HetNets
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/CN2013/071157					Enhanced paging operation for power saving mode
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/CN2013/070342					DCI Size Reduction for Local Area
RM126376	Family	Filed	30 May 2013	30 May 2013						Method and apparatus for configuring timing advance groups
RM126376	GB01	Filed	30 May 2013	30 May 2013	GB1309707.6					Method and apparatus for configuring timing advance groups
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/CN2013/070665					Enhanced repetition transmission for DL control signal to improve the MTC coverage
RM126371	Family	Filed	27 Mar 2013	27 Mar 2013						Shadow connection manager for enabling intelligent selection between cellular and non-cellular radios
RM126371	GB01	Filed	27 Mar 2013	27 Mar 2013	GB1305629.6					Shadow connection manager for enabling intelligent selection between cellular and non-cellular radios
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	GB1305995.7					Signaling for a virtual joint scheduling in distributed systems
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
RM126365	Family	Filed	18 Jan 2013	18 Jan 2013						Adapted CA signaling to support flexible TDD UL/DL reconfiguration

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Issue date	
RM126365	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070366					Adaptive DL signaling to support flexible TDD UL/DL reconfiguration
RM126364	Family	Filed	11 Jan 2013	11 Jan 2013						Procedures to allow UE-specific tx-power modification for UEs supporting different set of NS-values than the eNB is signaling
RM126364	GB01	Filed	11 Jan 2013	11 Jan 2013	GB1300471.8					Procedures to allow UE-specific tx-power modification for UEs supporting different set of NS-values than the eNB is signaling
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/CN2013/074221					Improved scheme on protected resource coordination in small cell enhanced LA network
RM126356	Family	Filed	8 Jan 2013	8 Jan 2013						UE-to-UE reception with measurement receiver
RM126356	GB01	Response filed to POA	8 Jan 2013	8 Jan 2013	GB1300278.5					UE-to-UE reception with measurement receiver
RM126356	US01	To Filing		8 Jan 2013						UE-to-UE reception with measurement receiver
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/CN2013/073037					Apparatus and method of charging D2D traffic
RM126354	Family	Filed	4 Dec 2012	4 Dec 2012						Flexible Data Frame Delivery
RM126354	GB01	Filed	4 Dec 2012	4 Dec 2012	GB1221812.9					Flexible Data Frame Delivery
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/CN2012/087015					CQI Feedback Calculation for Reduced DeModulation Reference Signal overhead on New Carrier Type
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
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/CN2012/086483					Design and Signaling for Enhanced SRS
RM126349	Family	Filed	3 Nov 2012	3 Nov 2012						Method for resource allocation signaling for EPDCCH
RM126349	WO01	Filed	3 Nov 2012	3 Nov 2012	PCT/CN2012/084042					Method for resource allocation signaling for EPDCCH
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/CN2013/073865					Implicit resource allocation for public safety group communication with restriction indication
RM126345	Family	Filed	28 May 2013	28 May 2013						A Novel Base Station Overhearing Scheme for Local Area Cells
RM126345	GB01	Filed	28 May 2013	28 May 2013	GB1309501.3					A Novel Base Station Overhearing Scheme for Local Area Cells
RM126345	Family	Filed	16 Jan 2013	16 Jan 2013						UE assisted WLAN radio resource management in WLAN and 3GPP interworking
RM126345	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070070					UE assisted WLAN radio resource management in WLAN and 3GPP interworking
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/CN2013/070027					On cluster establishment and maintenance in flexible TDD of LA network
RM126340	Family	Filed	2 Nov 2012	2 Nov 2012						Intelligent handling of RRC connection release delay
RM126340	GB01	POA received	2 Nov 2012	2 Nov 2012	GB1219785.1					Intelligent handling of RRC connection release delay
RM126340	US01	POA received	2 Nov 2012	2 Nov 2012	US13668940					Intelligent handling of RRC connection release delay
RM126339	Family	Filed	29 Jan 2013	29 Jan 2013						Successive PBCH IC method for LTE Release 11
RM126339	GB01	Filed	29 Jan 2013	29 Jan 2013	GB1301552.4					Successive PBCH IC method for LTE Release 11
RM126338	Family	Filed	31 Jan 2013	31 Jan 2013						3G HSDPA payload lossless compression at L2
RM126338	GB01	Filed	31 Jan 2013	31 Jan 2013	GB1301705.8					3G HSDPA payload lossless compression at L2
RM126337	Family	Filed	5 Nov 2012	5 Nov 2012						T3212 start with T3412 value if barred or barred off
RM126337	GB01	POA received	5 Nov 2012	5 Nov 2012	GB1219962.4					T3212 start with T3412 value if barred or barred off

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Case title
RM126337	GB01	Filed	9 Aug 2013	9 Nov 2012	GB1314313.4					T3212 start with T3410 value 0 feared or backed off
RM126336	Family	Filed	7 Dec 2012	7 Dec 2012						A novel network energy saving scheme in HetNet
RM126336	WO01	Filed	7 Dec 2012	7 Dec 2012	PCT/CN2012/086815					A novel network energy saving scheme in HetNet
RM126335	Family	Filed	14 Jan 2013	14 Jan 2013						CSI Report triggering with reduced DL control overhead for NCT
RM126335	WO01	Filed	14 Jan 2013	14 Jan 2013	PCT/CN2013/070424					CSI Report triggering with reduced DL control overhead for NCT
RM126333	Family	Filed	15 Jan 2013	15 Jan 2013						Adaptive LNA to support single-ended and differential input matching configurations
RM126333	GB01	FOA received	15 Jan 2013	15 Jan 2013	GB1300700.8					Adaptive LNA to support single-ended and differential input matching configurations
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/CN2013/070570					Measurement events configuration for dual connection in local area
RM126331	Family	Filed	3 Apr 2013	3 Apr 2013						Crystal Temperature Compensation Method and Algorithm
RM126331	GB01	Filed	3 Apr 2013	3 Apr 2013	GB1305613.2					Crystal Temperature Compensation Method and Algorithm
RM126329	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage estimation / calibration for Rx mixer
RM126329	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222544.6					LO leakage estimation / calibration for Rx mixer
RM126327	Family	Filed	10 Dec 2012	10 Dec 2012						Controlling UE Antenna switching
RM126327	GB01	Filed	10 Dec 2012	10 Dec 2012	GB1221986.1					Controlling UE Antenna switching
RM126326	Family	Filed	15 Jan 2013	15 Jan 2013						Calibration for envelope tracking shaping table
RM126326	GB01	Filed	15 Jan 2013	15 Jan 2013	GB1300722.4					Calibration for envelope tracking shaping table
RM126325	Family	Filed	7 Feb 2013	7 Feb 2013						Enhanced power saving mode management for dual connection
RM126325	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071184					Enhanced power saving mode management for dual connection
RM126324	Family	Filed	14 Dec 2012	14 Dec 2012						LO leakage calibration for Rx mixer
RM126324	GB01	Filed	14 Dec 2012	14 Dec 2012	GB1222545.3					LO leakage calibration for Rx mixer
RM126323	Family	Filed	18 Jan 2013	18 Jan 2013						Enhancement of ICIC solution in HetNets with flexible TDD
RM126323	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070662					Enhancement of ICIC solution in HetNets with flexible TDD
RM126321	Family	Filed	29 May 2013	29 May 2013						A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM126321	GB01	Filed	29 May 2013	29 May 2013	GB1309590.6					A Parallel Initial Search and Synchronization Method for GSM Capable Terminals
RM126320	Family	Filed	2 Nov 2012	2 Nov 2012						Necessary signaling and procedure to solve HO3 in IDC
RM126320	WO01	Filed	2 Nov 2012	2 Nov 2012	PCT/CN2012/083998					Necessary signaling and procedure to solve HO3 in IDC
RM126319	Family	Filed	21 Dec 2012	21 Dec 2012						New Carrier Type cell DTX mechanisms in LTE
RM126319	GB01	Filed	21 Dec 2012	21 Dec 2012	GB1223272.5					New Carrier Type cell DTX mechanisms in LTE
RM126318	Family	Filed	21 Dec 2012	21 Dec 2012						Enhanced best cell detection for high performance GSM capable terminals
RM126318	GB01	Filed	21 Dec 2012	21 Dec 2012	GB1223268.3					Enhanced best cell detection for high performance GSM capable terminals
RM126317	Family	Filed	29 Oct 2012	29 Oct 2012						Mode Change Indication
RM126317	GB01	Filed	29 Oct 2012	29 Oct 2012	GB1219399.1					Mode Change Indication
RM126315	Family	Filed	2 Nov 2012	2 Nov 2012						Link Local Domain for 3GPP Proximity Services
RM126315	GB01	FOA received	2 Nov 2012	2 Nov 2012	GB1219782.9					Link Local Domain for 3GPP Proximity Services
RM126311	Family	Filed	4 Dec 2012	4 Dec 2012						Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM126311	GB01	Filed	4 Dec 2012	4 Dec 2012	GB1221824.5					Dynamic modification of L3 filter coefficient in order to optimize response to radio environment
RM126309	Family	Filed	17 Jan 2013	17 Jan 2013						A base band analog cancellation scheme to suppress self-interference for full duplex wireless receiver design
RM126309	GB01	Filed	17 Jan 2013	17 Jan 2013	GB1300878.4					A base band analog cancellation scheme to suppress self-interference for full duplex wireless receiver design
RM126308	Family	Filed	22 Jan 2013	22 Jan 2013						RLF and HOF handling for dual connection
RM126308	WO01	Filed	22 Jan 2013	22 Jan 2013	PCT/CN2013/070883					RLF and HOF handling for dual connection

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent No.	Expiry date	
RM126301	Family	Filed	2 Apr 2013	2 Apr 2012						Method and Apparatus for Configuring Measurement Gaps
RM126301	GB01	Filed	2 Apr 2013	2 Apr 2012	GB1205866.3					Method and Apparatus for Configuring Measurement Gaps
RM126304	Family	Filed	19 Dec 2012	19 Dec 2012						Parameterizations of low density parity check matrices by using interleavers
RM126304	GB01	Filed	19 Dec 2012	19 Dec 2012	GB1222908.2					Parameterizations of low density parity check matrices by using interleavers
RM126302	Family	Filed	28 Dec 2012	28 Dec 2012						New mobility mechanism in WLAN/3GPP interworking
RM126302	WO01	Filed	28 Dec 2012	28 Dec 2012	PCT/CN2012/087826					New mobility mechanism in WLAN/3GPP interworking
RM126301	Family	Filed	7 Feb 2013	7 Feb 2013						Simplified handover procedure for C/U plane split LA cells
RM126301	WO01	Filed	7 Feb 2013	7 Feb 2013	PCT/CN2013/071519					Simplified handover procedure for C/U plane split LA cells
RM126300	Family	Filed	21 Nov 2012	21 Nov 2012						Feedback signal selection in iterative receivers
RM126300	GB01	POA received	21 Nov 2012	21 Nov 2012	GB1220656.6					Feedback signal selection in iterative receivers
RM126299	Family	Filed	12 Dec 2012	12 Dec 2012						Updating connected cars operational radio parameters
RM126299	GB01	POA received	12 Dec 2012	12 Dec 2012	GB1222984.7					Updating connected cars operational radio parameters
RM126298	Family	Filed	5 Dec 2012	5 Dec 2012						DMRS reduction for local area network
RM126298	WO01	Filed	5 Dec 2012	5 Dec 2012	PCT/CN2012/086991					DMRS reduction for local area network
RM126297	Family	Filed	23 Oct 2012	23 Oct 2012						Short CF-End and Short CF-End+CF-Ack Frame Definition
RM126297	GB01	POA received	23 Oct 2012	23 Oct 2012	GB1218644.3					Short CF-End and Short CF-End+CF-Ack Frame Definition
RM126296	Family	Filed	13 Dec 2012	13 Dec 2012						Signaling to convey scrambling code information in support of interference cancelling receivers
RM126296	GB01	Filed	13 Dec 2012	13 Dec 2012	GB1222510.8					Signaling to convey scrambling code information in support of interference cancelling receivers
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
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	GB1218031.5					UM RLC ciphering error detection and recovery indicator
RM126293	Family	Filed	4 Oct 2012	4 Oct 2012						Traffic volume measurement enhancement for common E-DCH
RM126293	GB01	Filed	4 Oct 2012	4 Oct 2012	GB1217795.2					Traffic volume measurement enhancement for common E-DCH
RM126292	Family	Filed	27 Sep 2012	27 Sep 2012						Handling of autonomous denials in a communication system
RM126292	GB01	POA received	27 Sep 2012	27 Sep 2012	GB1217315.9					Handling of autonomous denials in a communication system
RM126291	Family	Filed	9 May 2013	9 May 2012						Connection release for dual connection in LA network
RM126291	WO01	Filed	9 May 2013	9 May 2012	PCT/CN2013/075415					Connection release for dual connection in LA network
RM126290	Family	Filed	30 Oct 2012	30 Oct 2012						Timer Configuration for Enhanced Connectivity
RM126290	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219503.8					Timer Configuration for Enhanced Connectivity
RM126288	Family	Filed	3 Dec 2012	3 Dec 2012						Signaling support for interference cancelling receivers
RM126288	GB01	Filed	3 Dec 2012	3 Dec 2012	GB1221716.8					Signaling support for interference cancelling receivers
RM126287	Family	Filed	5 Nov 2012	5 Nov 2012						Enhanced radio link monitoring for LTE
RM126287	GB01	Filed	5 Nov 2012	5 Nov 2012	GB1219985.9					Enhanced radio link monitoring for LTE
RM126286	Family	Filed	2 Nov 2012	2 Nov 2012						Enhanced E-DCH for Robust SI Transmission in HetNet Scenario
RM126286	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1218717.4					Enhanced E-DCH for Robust SI Transmission in HetNet Scenario
RM126285	Family	Filed	23 Oct 2012	23 Oct 2012						Channel reservation for overcoming OBSS problems
RM126285	GB01	POA received	23 Oct 2012	23 Oct 2012	GB1219040.1					Channel reservation for overcoming OBSS problems
RM126284	Family	Filed	30 Oct 2012	30 Oct 2012						Car roof antenna concept
RM126284	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219524.8					Car roof antenna concept
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
RM126282	Family	Filed	5 Oct 2012	5 Oct 2012						Handling of IMS parameters related to RSRVCC in the case of failed HHo

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Case ref #	Country	Status	Filing date	Earliest priority date	Application Number	Publication number	Patent date	Patent number	Grant date	
RM126282	GB01	Filed	5 Oct 2012	5 Oct 2012	GB1217667.7					Handling of IMS parameters related to RSRVCC in the case of failed HO
RM126281	Family	Filed	12 Nov 2012	12 Nov 2012						RF FE for antenna sharing
RM126281	GB01	PCIA received	12 Nov 2012	12 Nov 2012	GB1220329.6					RF FE for antenna sharing
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	GB1220893.4					Change of UE capabilities that determine if LTE is supported
RM126279	Family	Filed	9 Nov 2012	9 Nov 2012						UE 3D beamforming using multiple CSI-RS resources
RM126279	GB01	Filed	9 Nov 2012	9 Nov 2012	GB1220212.3					UE 3D beamforming using multiple CSI-RS resources
RM126278	Family	Filed	30 Oct 2012	30 Oct 2012						Blocking of spurious inter-frequency & intersystem measurement reports when Intra Frequency quality is above quality threshold
RM126278	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219516.0					Blocking of spurious inter-frequency & intersystem measurement reports when Intra Frequency quality is above quality threshold
RM126277	Family	Filed	10 Oct 2012	10 Oct 2012						HetNet idle mode reselection X-factor
RM126277	GB01	PCIA received	10 Oct 2012	10 Oct 2012	GB1218303.6					HetNet idle mode reselection X-factor
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	GB1300340.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB02	Closed	7 Jan 2013	7 Jan 2013	GB1300186.2					Control signalling enhancements for improved coverage of low-cost MTC devices in LTE
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
RM126274	Family	Filed	28 Sep 2012	28 Sep 2012						Necessary signaling and procedures to solve IMD in IDC
RM126274	WO01	Filed	26 Sep 2012	28 Sep 2012	PCT/CN2012/08287 6					Necessary signaling and procedures to solve IMD in IDC
RM126273	Family	Filed	1 Oct 2012	1 Oct 2012						Signalling the amount of actual A-MPR
RM126273	GB01	PCIA received	1 Oct 2012	1 Oct 2012	GB1217537.8					Signalling the amount of actual A-MPR
RM126270	Family	Filed	26 Sep 2012	26 Sep 2012						Front-end architecture for LB/HB downlink carrier aggregation operation with low IL and harmonic traps
RM126270	WO01	PCIA received	26 Sep 2012	26 Sep 2012	PCT/IB2012/002217					Front-end architecture for LB/HB downlink carrier aggregation operation with low IL and harmonic traps
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/CN2012/08235 6					Establishment Management for Dual Connection Control in LA
RM126268	Family	Filed	2 Nov 2012	2 Nov 2012						Broadcast signalling configuration for Standalone New Carrier Type
RM126268	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1219791.9					Broadcast signalling configuration for Standalone New Carrier Type
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	GB1219718.0					Common Search Space configuration for Standalone New Carrier Type
RM126265	Family	Filed	30 Oct 2012	30 Oct 2012						Combining analog inputs with digital control
RM126265	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219522.6					Combining analog inputs with digital control
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	GB1221428.1					On Enhancing Network Coverage in Future LTE Based Public Safety Systems
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/CN2013/07071 1					A Novel Channel Reservation and Synchronous Transmission Method in WLAN Systems
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/CN2012/08272 4					Handover procedure with dual connection in local area network

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Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Grant number	Grant date	Short title
RM126256	Family	Filed	21 Aug 2012	21 Aug 2012						PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126256	GB01	Filed	21 Aug 2012	21 Aug 2012	GB1214904.3					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126256	US01	toFiling		21 Aug 2012						PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126256	WO01	Filed	15 Aug 2013	21 Aug 2012	PCT/IB2013/056667					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126257	Family	Filed	16 Oct 2012	16 Oct 2012						Envelope tracking transmitter with variable differential delay
RM126257	GB01	Filed	16 Oct 2013	16 Oct 2012	GB1218574.6					Envelope tracking transmitter with variable differential delay
RM126258	Family	Filed	17 Oct 2012	17 Oct 2012						low power assumption static MTC in connected mode
RM126258	WO01	Filed	17 Oct 2012	17 Oct 2012	PCT/CN2012/083087					low power assumption static MTC in connected mode
RM126255	Family	Filed	3 Oct 2012	3 Oct 2012						Application of hysteresis to triggering and resetting of mobility timers
RM126255	GB01	POA received	3 Oct 2012	3 Oct 2012	GB1217707.7	GB2459106	27 Mar 2013			Application of hysteresis to triggering and resetting of mobility timers
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
RM126251	Family	Filed	6 Aug 2012	6 Aug 2012						CS domain congestion control in combined registration when PS domain is not congested
RM126251	US01	Filed	6 Aug 2012	6 Aug 2012	US61/680007					CS domain congestion control in combined registration when PS domain is not congested
RM126251	US02	ToFiling		6 Aug 2013						CS domain congestion control in combined registration when PS domain is not congested
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/CN2012/079869					Antenna port for demodulation of ePDCCH
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 received	22 Oct 2012	22 Oct 2012	PCT/CN2012/083324					Novel sleeping procedure for LTE new carrier type and future local area network
RM126248	Family	Filed	6 Aug 2012	6 Aug 2012						An efficient IDC autonomous denial prohibition mechanism
RM126248	WO01	POA received	6 Aug 2013	6 Aug 2012	PCT/CN2012/079735					An efficient IDC autonomous denial prohibition mechanism
RM126246	Family	Filed	6 Sep 2012	6 Sep 2012						Novel energy saving method in HetNet
RM126246	WO01	Filed	6 Sep 2013	6 Sep 2012	PCT/CN2012/081091					Novel energy saving method in HetNet
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	Filed	31 Oct 2013	31 Oct 2012	PCT/CN2012/083982					Multiplexed Transmission of Data from Multiple DL HARQ Processes for LTE TDD Flexible Switching Operation
RM126242	Family	Filed	22 Nov 2012	22 Nov 2012						Assistant info for new carrier type mobility
RM126242	WO01	Filed	22 Nov 2013	22 Nov 2012	PCT/CN2012/085087					Assistant info for new carrier type mobility
RM126242	WO02	Filed	1 Aug 2013	22 Nov 2012	PCT/IB2013/059312					Assistant info for new carrier type mobility
RM126241	Family	Filed	2 Nov 2012	2 Nov 2012						Improved method to maximize uplink resource utilization for E-DCH
RM126241	GB01	Filed	2 Nov 2012	2 Nov 2012	GB1219718.0					Improved method to maximize uplink resource utilization for E-DCH
RM126240	Family	Filed	11 Oct 2012	11 Oct 2012						LTE assisted WLAN AP discovery
RM126240	WO01	Filed	11 Oct 2013	11 Oct 2012	PCT/CN2013/085280					LTE assisted WLAN AP discovery
RM126236	Family	Filed	20 Jul 2012	20 Jul 2012						Control of the enhanced RSSI scan
RM126236	US01	Granted	20 Jul 2012	20 Jul 2012	US13/554132			US8391862	5 Mar 2013	Control of the enhanced RSSI scan
RM126234	Family	Filed	22 Nov 2013	22 Nov 2012						ORX operation for dual-connection

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RM126Z34	WO01	Filed	22 Nov 2012	22 Nov 2012	PCT/CN2012/085052					CPX operation for dual-connection
RM126Z33	Family	Filed	27 Sep 2012	27 Sep 2012						Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126Z33	WO01	Filed	27 Sep 2012	27 Sep 2012	PCT/CN2012/082217					Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126Z31	Family	Filed	31 Oct 2012	31 Oct 2012						Improved method for determining UE power limited status in HSUPA
RM126Z31	GB01	Filed	31 Oct 2012	31 Oct 2012	GB1219583.0	GB2496733	22 May 2013			Improved method for determining UE power limited status in HSUPA
RM126Z30	Family	Filed	6 Aug 2012	6 Aug 2012						Methods of faster cell reselection upon RRC Connection Reject
RM126Z30	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213964.8					Methods of faster cell reselection upon RRC Connection Reject
RM126Z30	WO01	Filed	6 Aug 2013	6 Aug 2012	PCT/IB2013/056414					Methods of faster cell reselection upon RRC Connection Reject
RM126Z29	Family	Filed	6 Aug 2012	6 Aug 2012						UE power saving indication prohibit timer calculation
RM126Z29	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213873.9					UE power saving indication prohibit timer calculation
RM126Z29	US01	Filed	6 Aug 2013	6 Aug 2012	US13/960021					UE power saving indication prohibit timer calculation
RM126Z28	Family	Filed	26 Oct 2012	26 Oct 2012						Handling of CSI reporting upon CQI-mask
RM126Z28	WO01	PDA received	26 Oct 2012	26 Oct 2012	PCT/CN2012/083362					Handling of CSI reporting upon CQI-mask
RM126Z26	Family	Filed	6 Aug 2012	6 Aug 2012						Whitelist for limiting detected set cells for measurement
RM126Z26	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213866.7					Whitelist for limiting detected set cells for measurement
RM126Z25	Family	Filed	10 Aug 2012	10 Aug 2012						L2 controlled fast dormancy
RM126Z25	GB01	Filed	10 Aug 2012	10 Aug 2012	GB1214343.4					L2 controlled fast dormancy
RM126Z25	WO01	Filed	9 Aug 2013	10 Aug 2012	PCT/IB2013/056585					L2 controlled fast dormancy
RM126Z24	Family	Filed	2 Aug 2012	2 Aug 2012						Inter-RAT Fast Dormancy and RAT preference indication
RM126Z24	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213787.3					Inter-RAT Fast Dormancy and RAT preference indication
RM126Z24	WO01	Filed	1 Aug 2013	2 Aug 2012	PCT/IB2013/056312					Inter-RAT Fast Dormancy and RAT preference indication
RM126Z22	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart measured result reporting
RM126Z22	GB01	PDA received	3 Aug 2012	3 Aug 2012	GB1213629.9	GB2496018	1 May 2013			Method and apparatus of smart measured result reporting
RM126Z22	US01	Filed	15 Apr 2013	3 Aug 2012	US13/861936					Method and apparatus of smart measured result reporting
RM126Z22	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079624					Method and apparatus of smart measured result reporting
RM126Z21	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart E-RGCH monitoring set maintenance
RM126Z21	GB01	Filed	3 Aug 2012	3 Aug 2012	GB1213875.6	GB2499290	30 Jan 2013			Method and apparatus of smart E-RGCH monitoring set maintenance
RM126Z20	Family	Filed	16 Jul 2012	16 Jul 2012						Data Exchange Enhancement
RM126Z20	GB01	Filed	16 Jul 2012	16 Jul 2012	GB1212686.8					Data Exchange Enhancement
RM126Z19	Family	Filed	16 Jul 2012	16 Jul 2012						PS-Poll Sleep Duration Indication
RM126Z19	GB01	Filed	16 Jul 2012	16 Jul 2012	GB1212647.0					PS-Poll Sleep Duration Indication
RM126Z19	WO01	Filed	16 Jul 2013	16 Jul 2012	PCT/IB2013/056836					PS-Poll Sleep Duration Indication
RM126Z18	Family	Filed	29 Aug 2012	29 Aug 2012						Probe based paging optimization in R12 dense deployed LA scenario
RM126Z18	WO01	Filed	29 Aug 2012	29 Aug 2012	PCT/CN2012/080076					Probe based paging optimization in R12 dense deployed LA scenario
RM126Z16	Family	Filed	16 Jul 2012	16 Jul 2012						Energy Efficient OBSS Reporting
RM126Z16	US01	Filed	16 Jul 2012	16 Jul 2012	US13/549849					Energy Efficient OBSS Reporting
RM126Z15	Family	Filed	16 Nov 2012	16 Nov 2012						Enhancement on LP-ABS set in eICIC of HetNets
RM126Z15	WO01	Filed	16 Nov 2012	16 Nov 2012	PCT/CN2012/084473					Enhancement on LP-ABS set in eICIC of HetNets
RM126Z13	Family	Filed	12 Jul 2012	12 Jul 2012						Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126Z13	GB01	Filed	12 Jul 2012	12 Jul 2012	GB1212689.9	GB2491050	21 Nov 2012			Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126Z13	WO01	Filed	11 Jul 2013	12 Jul 2012	PCT/IB2013/055709					Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126Z12	Family	Filed	19 Sep 2012	19 Sep 2012						Configuration and Uplink Control Information Transmissions for Inter-eNB Carrier Aggregation

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RM126212	WO01	Filed	10 Sep 2012	10 Sep 2012	PCT/CN2012/081118					Configuration and Update Control Information Transmissions for Inter-eNB Carrier Aggregation
RM126209	Family	Filed	11 Dec 2012	11 Dec 2012						Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126209	GB01	PCA received	11 Dec 2012	11 Dec 2012	GB1222282.3					Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126209	US01	ToFiling		11 Dec 2012						Transmitter modulated power averaging using RF measurement receiver and digital TX IQ samples
RM126206	Family	Filed	19 Oct 2012	19 Oct 2012						Controlling modem RX data paths according to TX antenna selection
RM126206	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218865.2					Controlling modem RX data paths according to TX antenna selection
RM126206	GB02	Filed	23 Oct 2012	19 Oct 2012	GB1219038.3					Controlling modem RX data paths according to TX antenna selection
RM126204	Family	Filed	28 Jun 2012	28 Jun 2012						Method and apparatus of smart measurement reporting in weak field
RM126204	GB01	PCA received	28 Jun 2012	28 Jun 2012	GB1211458.6	GB2491277	28 Nov 2012			Method and apparatus of smart measurement reporting in weak field
RM126204	WO01	Filed	26 Jun 2013	28 Jun 2012	PCT/IB2013/055250					Method and apparatus of smart measurement reporting in weak field
RM126203	Family	Filed	7 Nov 2012	7 Nov 2012						Initial access for small nodes with same cell ID
RM126203	WO01	Filed	7 Nov 2013	7 Nov 2012	PCT/CN2012/084197					Initial access for small nodes with same cell ID
RM126202	Family	Filed	30 Jul 2012	30 Jul 2012						Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126202	GB01	Filed	30 Jul 2012	30 Jul 2012	GB1213517.4	GB2494754	20 Mar 2013			Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126202	WO01	Filed	26 Jul 2013	30 Jul 2012	PCT/IB2013/056130					Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126199	Family	Filed	26 Sep 2012	29 Sep 2012						Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126199	WO01	Filed	26 Sep 2012	29 Sep 2012	PCT/CN2012/082465					Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126198	Family	Filed	12 Oct 2012	12 Oct 2012						On ProSe EUTRAN capability in Intra-EUTRAN mobility
RM126198	GB01	Filed	12 Oct 2012	12 Oct 2012	GB1218373.7					On ProSe EUTRAN capability in Intra-EUTRAN mobility
RM126197	Family	Filed	16 Jul 2012	16 Jul 2012						Connectivity Enhancement for Wireless Communication System
RM126197	US01	Filed	16 Jul 2012	16 Jul 2012	US13550046					Connectivity Enhancement for Wireless Communication System
RM126197	WO01	Filed	15 Jul 2013	16 Jul 2012	PCT/IB2013/055829					Connectivity Enhancement for Wireless Communication System
RM126195	Family	Filed	3 Aug 2012	3 Aug 2012						Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126195	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079826					Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126195	Family	Filed	30 Aug 2012	30 Aug 2012						Glitch indicator for carrier aggregation
RM126195	WO01	Filed	30 Aug 2012	30 Aug 2012	PCT/CN2012/080360					Glitch indicator for carrier aggregation
RM126193	Family	Filed	28 Sep 2012	28 Sep 2012						Enhancement of contention based UL transmission in LA network
RM126193	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082202					Enhancement of contention based UL transmission in LA network
RM126192	Family	Filed	4 Sep 2012	4 Sep 2012						Power efficient broadcast signal and mode indication for sleeping eNB
RM126192	WO01	Filed	4 Sep 2012	4 Sep 2012	PCT/CN2012/080985					Power efficient broadcast signal and mode indication for sleeping eNB
RM126190	Family	Filed	10 Oct 2012	10 Oct 2012						Method and apparatus for cell access
RM126190	GB01	Filed	10 Oct 2012	10 Oct 2012	GB1218202.8					Method and apparatus for cell access
RM126188	Family	Filed	14 Jan 2013	14 Jan 2013						On Small Cell and UE Discovery
RM126188	GB01	Filed	14 Jan 2013	14 Jan 2013	GB1300532.5					On Small Cell and UE Discovery
RM126185	Family	Filed	13 Sep 2012	13 Sep 2012						Sectorization for hidden terminal mitigation
RM126185	GB01	Filed	13 Sep 2012	13 Sep 2012	GB1216365.5					Sectorization for hidden terminal mitigation

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM126193	Family	Filed	16 Oct 2012	16 Oct 2012						ePDCCH configuration procedure in standalone new carrier type
RM126194	WO01	PCA received	16 Oct 2012	16 Oct 2012	PCT/CN2012/082898					ePDCCH configuration procedure in standalone new carrier type
RM126181	Family	Filed	11 Oct 2012	11 Oct 2012						Enhanced power saving method for future HetNet deployment scenario
RM126181	WO01	Filed	11 Oct 2012	11 Oct 2012	PCT/CN2012/082880					Enhanced power saving method for future HetNet deployment scenario
RM126178	Family	Filed	28 Jun 2012	28 Jun 2012						Necessary signaling and procedures for UE interference cancellation in HetNet
RM126178	WO01	Filed	28 Jun 2012	28 Jun 2012	PCT/CN2012/077772					Necessary signaling and procedures for UE interference cancellation in HetNet
RM126177	Family	Filed	5 Oct 2012	5 Oct 2012						Special Subframe configuration for Low-Cost Machine Type Communications
RM126177	WO01	PCT received	5 Oct 2012	5 Oct 2012	PCT/IB2012/055383					Special Subframe configuration for Low-Cost Machine Type Communications
RM126174	Family	Filed	16 Oct 2012	16 Oct 2012						MIB indication in standalone new carrier type
RM126174	WO01	Filed	16 Oct 2012	16 Oct 2012	PCT/CN2012/083039					MIB indication in standalone new carrier type
RM126173	Family	Filed	12 Oct 2012	12 Oct 2012						SCH-linked RS configurations for New Carrier Type
RM126173	WO01	PCA received	12 Oct 2012	12 Oct 2012	PCT/CN2012/082884					SCH-linked RS configurations for New Carrier Type
RM126172	Family	Filed	19 Dec 2012	19 Dec 2012						Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM126172	GB01	Filed	19 Dec 2012	19 Dec 2012	GB1222870.4					Multipurpose Synchronization Reference Sequence Design for Local Area Communication
RM126169	Family	Filed	13 Jul 2012	13 Jul 2012						Small cell discovery and measurement using PDCH and CSI-RS
RM126169	WO01	PCA received	13 Jul 2012	13 Jul 2012	PCT/CN2012/078621					Small cell discovery and measurement using PDCH and CSI-RS
RM126166	Family	Filed	31 May 2012	31 May 2012						CQI reporting and eNB scheduling in support of widely linear receivers
RM126166	GB01	Filed	31 May 2012	31 May 2012	GB1209748.1					CQI reporting and eNB scheduling in support of widely linear receivers
RM126166	WO01	Filed	29 May 2013	31 May 2012	PCT/IB2013/054435					CQI reporting and eNB scheduling in support of widely linear receivers
RM126165	Family	Filed	23 Jul 2012	23 Jul 2012						Enhanced vehicle GW access method in cellular network for vehicle communications
RM126165	WO01	Filed	23 Jul 2012	23 Jul 2012	PCT/CN2012/079068					Enhanced vehicle GW access method in cellular network for vehicle communications
RM126164	Family	Filed	20 Jul 2012	20 Jul 2012						A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM126164	WO01	PCA received	20 Jul 2012	20 Jul 2012	PCT/CN2012/078862					A fast setup method for V2V communication services by dynamic resources allocation in the LTE network
RM126162	Family	Filed	26 Jul 2012	26 Jul 2012						Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM126162	WO01	Filed	26 Jul 2012	26 Jul 2012	PCT/CN2012/079216					Enhancement of measurement mechanism in HetNets with overlapping pico cells
RM126159	Family	Filed	31 May 2012	31 May 2012						Implicit RS sequence allocation
RM126159	GB01	Filed	31 May 2012	31 May 2012	GB1209744.0					Implicit RS sequence allocation
RM126159	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054471					Implicit RS sequence allocation
RM126158	Family	Filed	31 May 2012	31 May 2012						System for enhanced interference suppression
RM126158	GB01	Filed	31 May 2012	31 May 2012	GB1209741.6					System for enhanced interference suppression
RM126158	WO01	Filed	30 May 2013	31 May 2012	PCT/IB2013/054472					System for enhanced interference suppression
RM126157	Family	Filed	18 May 2011	18 May 2011						Digitally Controlled Delay
RM126157	FI01	Closed	18 May 2011	18 May 2011	FI20115481					Digitally Controlled Delay
RM126157	WO01	PCA received	18 May 2012	18 May 2011	PCT/IB2012/052509	WO2012156962	22 Nov 2012			Digitally Controlled Delay
RM126156	Family	Filed	31 Aug 2012	31 Aug 2012						Transmitter envelope delay calibration
RM126156	GB01	Filed	31 Aug 2012	31 Aug 2012	GB1215629.7					Transmitter envelope delay calibration
RM126153	Family	Filed	14 May 2012	14 May 2012						Signaling Method for Wireless Communication System

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Expiry date	
RM126153	US01	Filed	14 May 2012	14 May 2012	US61/646811					Signaling Method for Wireless Communication System
RM126153	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053872					Signaling Method for Wireless Communication System
RM126152	Family	Filed	23 Aug 2012	23 Aug 2012						Low-Power LTE New Carrier Type
RM126152	WO01	PCA received	23 Aug 2012	23 Aug 2012	PCT/CN2012/080850					Low-Power LTE New Carrier Type
RM126151	Family	Filed	14 May 2012	14 May 2012						Data Transmission Method
RM126151	US01	Filed	14 May 2012	14 May 2012	US61/646835					Data Transmission Method
RM126151	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053875					Data Transmission Method
RM126150	Family	Filed	21 May 2012	21 May 2012						Design of interleaving for distributed ePDCCH
RM126150	GB01	PCA received	11 Sep 2012	21 May 2012	GB1216162.6					Design of interleaving for distributed ePDCCH
RM126150	US01	Filed	11 Feb 2013	21 May 2012	US13/764279					Design of interleaving for distributed ePDCCH
RM126150	WO01	Filed	21 May 2013	21 May 2012	PCT/CN2013/075883					Design of interleaving for distributed ePDCCH
RM126149	Family	Filed	12 Sep 2012	12 Sep 2012						Dynamic additional maximum power reduction
RM126149	GB01	PCA received	12 Sep 2012	12 Sep 2012	GB1216284.7					Dynamic additional maximum power reduction
RM126149	WO01	To Filing		12 Sep 2012						Dynamic additional maximum power reduction
RM126146	Family	Filed	29 Jun 2012	29 Jun 2012						Optimized DRX and SR configuration for diverse data applications
RM126146	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211613.3					Optimized DRX and SR configuration for diverse data applications
RM126146	WO01	Filed	28 Jun 2013	29 Jun 2012	PCT/IB2013/055396					Optimized DRX and SR configuration for diverse data applications
RM126145	Family	Filed	19 Oct 2012	19 Oct 2012						A novel random access procedure for local area wireless network
RM126145	WO01	PCA received	18 Oct 2013	19 Oct 2012	PCT/CN2012/083023					A novel random access procedure for local area wireless network
RM126143	Family	Filed	1 Jun 2012	1 Jun 2012						Back-off adaptation for access efficiency in the feedback channel
RM126143	GB01	Filed	1 Jun 2012	1 Jun 2012	GB1209823.2					Back-off adaptation for access efficiency in the feedback channel
RM126143	WO01	Filed	31 May 2013	1 Jun 2012	PCT/IB2013/054503					Back-off adaptation for access efficiency in the feedback channel
RM126142	Family	Filed	26 Sep 2012	26 Sep 2012						On Handling Uplink Retransmission and Discovery Signal Collision
RM126142	GB01	Filed	26 Sep 2012	26 Sep 2012	GB1217168.4					On Handling Uplink Retransmission and Discovery Signal Collision
RM126141	Family	Filed	11 May 2012	11 May 2012						An efficient IDC indication prohibition mechanism
RM126141	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075399					An efficient IDC indication prohibition mechanism
RM126139	Family	Filed	16 May 2012	16 May 2012						Outer loop precoder phase combiner adaptation
RM126139	GB01	PCA received	16 May 2012	16 May 2012	GB1208842.7					Outer loop precoder phase combiner adaptation
RM126139	US01	Filed	30 Apr 2013	16 May 2012	US13/873812					Outer loop precoder phase combiner adaptation
RM126138	Family	Filed	14 May 2012	14 May 2012						Redirection using indexes to tagged frequencies
RM126138	US01	Filed	14 May 2012	14 May 2012	US13/470869					Redirection using indexes to tagged frequencies
RM126137	Family	Filed	11 May 2012	11 May 2012						Necessary signaling and procedures for IDC
RM126137	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075392					Necessary signaling and procedures for IDC
RM126135	Family	Filed	13 Jul 2012	13 Jul 2012						EUTRAN measurements and reselection during RRC state transition
RM126135	GB01	Granted	13 Jul 2012	13 Jul 2012	GB1212461.3	GB2493805	13 Feb 2013	GB2493805	7 Aug 2013	EUTRAN measurements and reselection during RRC state transition
RM126133	Family	Filed	17 Aug 2012	17 Aug 2012						Data Bridge Between On-Chip Power Domains
RM126133	GB01	PCA received	17 Aug 2012	17 Aug 2012	GB1214746.4					Data Bridge Between On-Chip Power Domains
RM126133	US01	Filed	12 Feb 2013	17 Aug 2012	US13/763990					Data Bridge Between On-Chip Power Domains
RM126131	WO01	To Filing		17 Aug 2012						Data Bridge Between On-Chip Power Domains
RM126132	Family	Filed	28 Jun 2012	28 Jun 2012						Reduction of Measurement Report Size in challenging signal conditions
RM126132	GB01	Filed	28 Jun 2012	28 Jun 2012	GB1210925.2					Reduction of Measurement Report Size in challenging signal conditions
RM126132	WO01	Filed	18 Jun 2013	28 Jun 2012	PCT/IB2013/054977					Reduction of Measurement Report Size in challenging signal conditions

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RM126131	Family	Filed	2 Aug 2012	2 Aug 2012						Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213798.1					Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	WO01	Filed	24 Jul 2013	2 Aug 2012	PCT/IB2013/056268					Method on LTE sharing CRNTI for low periodicity packet transmission
RM126130	Family	Filed	10 Oct 2012	10 Oct 2012						Joint cell and device to device discovery
RM126130	GB01	Filed	10 Oct 2012	10 Oct 2012	GB1218201.9					Joint cell and device to device discovery
RM126129	Family	Filed	27 Jun 2012	27 Jun 2012						Common control signaling handling for MTC UE
RM126129	WO01	POA received	27 Jun 2012	27 Jun 2012	PCT/CN2012/077663					Common control signaling handling for MTC UE
RM126126	Family	Filed	11 May 2012	11 May 2012						On PSS SSS and DM RS Collision Avoidance
RM126126	WO01	Filed	11 May 2013	11 May 2012	PCT/CN2012/075538					On PSS SSS and DM RS Collision Avoidance
RM126127	Family	Filed	28 Sep 2012	28 Sep 2012						Adaptive D-SR period based on DRX configuration
RM126127	WO01	Filed	26 Sep 2012	28 Sep 2012	PCT/CN2012/082226					Adaptive D-SR period based on DRX configuration
RM126124	Family	Filed	14 May 2012	14 May 2012						L2 Signaling Procedure for Additional Special Subframe Configuration
RM126124	WO01	Filed	14 May 2013	14 May 2012	PCT/CN2012/075543					L2 Signaling Procedure for Additional Special Subframe Configuration
RM126123	Family	Filed	11 May 2012	11 May 2012						Network Signalled Support of Fast Dormancy Transition to IDLE
RM126123	GB01	Filed	11 May 2012	11 May 2012	GB1208281.4					Network Signalled Support of Fast Dormancy Transition to IDLE
RM126122	Family	Filed	11 May 2012	11 May 2012						Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	GB01	POA received	11 May 2012	11 May 2012	GB1208468.5	GB2485558	17 Apr 2013			Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	US01	Filed	25 Mar 2013	11 May 2012	US13/849,986					Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053808					Method and apparatus for frequency specific periodical intra-frequency measurement
RM126121	Family	Filed	5 Oct 2012	5 Oct 2012						Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM126121	GB01	POA received	5 Oct 2012	5 Oct 2012	GB1217684.1					Joint Detection and Decoding for Uplink State Flag (USF) Detection in EGPRS2
RM126117	Family	Filed	13 Sep 2012	13 Sep 2012						Enhanced positioning reference signal based RRH discovery scheme
RM126117	WO01	POA received	13 Sep 2012	13 Sep 2012	PCT/CN2012/081347					Enhanced positioning reference signal based RRH discovery scheme
RM126116	Family	Filed	14 May 2012	14 May 2012						Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126116	GB01	Filed	14 May 2012	14 May 2012	GB1208563.6					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126116	GB02	Filed	14 May 2013	14 May 2012	GB1301636.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126114	Family	Filed	9 Aug 2012	9 Aug 2012						Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM126114	GB01	Filed	9 Aug 2012	9 Aug 2012	GB1214257.6					Uplink carrier band and component carrier frequency prioritization for interference mitigation

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RM126117	WO01	Filed	9 Aug 2013	9 Aug 2012	PCT/IB2013/056536					Uplink carrier band and component carrier frequency configuration for interference mitigation
RM126113	Family	Filed	9 May 2012	9 May 2012						Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126113	GB01	Granted	11 May 2012	9 May 2012	GB1208303.6	GB2450430	31 Oct 2012	GB2450430	28 Aug 2013	Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126113	WO01	Filed	9 May 2012	9 May 2012	PCT/IB2013/053758					Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126110	Family	Filed	9 May 2012	9 May 2012						Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126110	WO01	POA received	9 May 2012	9 May 2012	PCT/CN2012/075284					Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126108	Family	Filed	22 Aug 2012	22 Aug 2012						Using interfaces to improve intermediate processing in benefit of performance
RM126108	GB01	Filed	22 Aug 2012	22 Aug 2012	GB1214951.4	GB2499638	13 Feb 2013			Using interfaces to improve intermediate processing in benefit of performance
RM126104	Family	Filed	26 Jun 2012	26 Jun 2012						Apparatus and method of cooperative surveillance system
RM126104	WO01	Filed	26 Jun 2012	26 Jun 2012	PCT/CN2012/077547					Apparatus and method of cooperative surveillance system
RM126102	Family	Filed	29 Jun 2012	29 Jun 2012						A downlink frame processing architecture for a receiver
RM126102	IN01	Filed	29 Jun 2012	29 Jun 2012	IN2648/DEL/2012					A downlink frame processing architecture for a receiver
RM126102	WO01	Filed	29 Jun 2013	29 Jun 2012	PCT/IB2013/001379					A downlink frame processing architecture for a receiver
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/CN2012/075145					Design of multi-cell periodic CSI reporting on PUCCH format 3
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/CN2012/075084					Adaptation of HARQ-ACK and Periodic CSI Multiplexing in PUCCH
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/IB2013/055962					Fast TBF establishment on PDCH by MS in Packet Idle Mode
RM126098	Family	Filed	17 Jul 2012	17 Jul 2012						Enhancement of resource status report in HetNets with extension carrier
RM126098	WO01	Filed	17 Jul 2012	17 Jul 2012	PCT/CN2012/078738					Enhancement of resource status report in HetNets with extension carrier
RM126097	Family	Filed	10 May 2012	10 May 2012						Enhancement of extension carrier information report in HetNet
RM126097	WO01	POA received	10 May 2012	10 May 2012	PCT/CN2012/075311					Enhancement of extension carrier information report in HetNet
RM126096	Family	Filed	27 Jun 2012	27 Jun 2012						An ARQ protocol for variable rate transport channel
RM126096	GB01	Response filed to POA	27 Jun 2012	27 Jun 2012	GB1211416.5					An ARQ protocol for variable rate transport channel
RM126096	WO01	Filed	27 Jun 2013	27 Jun 2012	PCT/IB2013/055299					An ARQ protocol for variable rate transport channel
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
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	GB1217629.3					Method and Apparatus to Trigger Direct Communication
RM126090	Family	Filed	13 May 2012	13 May 2012						Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126090	GB01	Filed	14 May 2013	13 May 2012	GB1208400.8					Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126090	WO01	Filed	13 May 2013	13 May 2012	PCT/IB2013/053816					Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126088	Family	Filed	30 Oct 2012	30 Oct 2012						PDCP tunneling
RM126088	GB01	POA received	30 Oct 2013	30 Oct 2012	GB1219466.5					PDCP tunneling

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RM126086	Family	Filed	5 Oct 2012	5 Oct 2012						Efficient Linear Symbol-level Equalization and Interference Suppression for CDMA Systems Utilizing the Conjugate Gradient Algorithm and Fast Transforms
RM126086	GB01	POA received	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
RM126085	Family	Filed	15 Aug 2012	15 Aug 2012						A radio receiver for the concurrent reception of multi-band carriers
RM126085	GB01	POA received	15 Aug 2012	15 Aug 2012	GB1214562.9					A radio receiver for the concurrent reception of multi-band carriers
RM126085	WO01	Filed	27 Jun 2013	15 Aug 2012	PCT/IB2013/001369					A radio receiver for the concurrent reception of multi-band carriers
RM126084	Family	Filed	30 Oct 2012	30 Oct 2012						Method and Apparatus for Packet Handling During Handover
RM126084	GB01	POA received	30 Oct 2012	30 Oct 2012	GB1219459.8					Method and Apparatus for Packet Handling During Handover
RM126082	Family	Filed	24 May 2012	24 May 2012						Method and apparatus of scenario specific call re-establishment
RM126082	GB01	Filed	24 May 2012	24 May 2012	GB1209153.9	GB2491046	21 Nov 2012			Method and apparatus of scenario specific call re-establishment
RM126082	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054234					Method and apparatus of scenario specific call re-establishment
RM126081	Family	Filed	10 May 2012	10 May 2012						Enhancement of in-Device Interference TDM solution for Bluetooth
RM126081	WO01	Filed	10 May 2012	10 May 2012	PCT/CN2012/075351					Enhancement of in-Device Interference TDM solution for Bluetooth
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	GB1210884.8					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
RM126078	Family	Filed	17 May 2012	17 May 2012						Method and apparatus of service based uplink resource selection
RM126078	GB01	Filed	17 May 2012	17 May 2012	GB1208709.4					Method and apparatus of service based uplink resource selection
RM126078	Family	Filed	11 May 2012	11 May 2012						Method and apparatus of capability reporting per RAT
RM126078	GB01	Filed	11 May 2012	11 May 2012	GB1208321.8					Method and apparatus of capability reporting per RAT
RM126078	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053827					Method and apparatus of capability reporting per RAT
RM126076	Family	Filed	7 Jun 2012	7 Jun 2012						Carrier loading status report in HetNets with extension carrier
RM126076	WO01	Filed	7 Jun 2012	7 Jun 2012	PCT/CN2012/076580					Carrier loading status report in HetNets with extension carrier
RM126075	Family	Filed	13 Jun 2012	13 Jun 2012						Enhancement on inter-frequency small cell detection
RM126075	WO01	POA received	13 Jun 2012	13 Jun 2012	PCT/CN2012/076982					Enhancement on inter-frequency small cell detection
RM126074	Family	Filed	31 May 2012	31 May 2012						Modem receiver path delay measurement method
RM126074	GB01	POA received	31 May 2012	31 May 2012	GB1209743.3					Modem receiver path delay measurement method
RM126073	Family	Filed	19 Sep 2012	19 Sep 2012						Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM126073	GB01	Filed	19 Sep 2012	19 Sep 2012	GB1216736.7					Signaling to setup a D2D bearer utilizing over-the-air UE discovery
RM126068	Family	Filed	8 Jun 2012	8 Jun 2012						Choosing security context by integrity verification procedure
RM126068	GB01	Filed	8 Jun 2012	8 Jun 2012	GB1210046.7	GB2491047	21 Nov 2012			Choosing security context by integrity verification procedure
RM126067	Family	Filed	28 May 2012	28 May 2012						TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM126067	GB01	POA received	28 May 2012	28 May 2012	GB1209416.5	GB2491073	28 Nov 2012			TPC command delay estimator for open loop transmit diversity (OLTD) feature
RM126066	Family	Filed	24 May 2012	24 May 2012						Low power interrupt synchronization
RM126066	GB01	Response filed to POA	24 May 2012	24 May 2012	GB1209131.1	GB2493416	6 Feb 2013			Low power interrupt synchronization
RM126066	US01	Filed	21 Jan 2013	24 May 2012	US13/746105					Low power interrupt synchronization
RM126066	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054233					Low power interrupt synchronization
RM126065	Family	Filed	19 Oct 2012	19 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM126065	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218607.2					Band-dependent noise shaping in envelope tracking transmitter
RM126065	WO01	ToFiling		19 Oct 2012						Band-dependent noise shaping in envelope tracking transmitter
RM126063	Family	Filed	17 May 2012	17 May 2012						Inter-cell group establish and coordination with cross-link interference in HetNet
RM126063	WO01	POA received	17 May 2012	17 May 2012	PCT/CN2012/075567					Inter-cell group establish and coordination with cross-link interference in HetNet
RM126061	Family	Filed	9 May 2012	9 May 2012						Dual receiver for HSDPA communication
RM126061	GB01	Filed	9 May 2012	9 May 2012	GB1208117.8					Dual receiver for HSDPA communication

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RM126061	US01	Filed	9 May 2013	9 May 2012	US13/890474					
RM126058	Family	Filed	18 Oct 2012	18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM126058	GB01	Filed	18 Oct 2012	18 Oct 2012	GB1218745.6					PLL bandwidth switching depending on modulation-and-coding scheme
RM126058	US01	ToFiling		18 Oct 2012						PLL bandwidth switching depending on modulation-and-coding scheme
RM126057	Family	Filed	29 Jun 2012	29 Jun 2012						Controlling TX antenna selection
RM126057	GB01	Filed	29 Jun 2012	29 Jun 2012	GB1211557.8					Controlling TX antenna selection
RM126057	GB02	POA received	28 Jun 2013	29 Jun 2012	GB1301486.5					Controlling TX antenna selection
RM126057	US01	Filed	21 Jun 2013	29 Jun 2012	US13/923877					Controlling TX antenna selection
RM126056	Family	Filed	27 Sep 2012	27 Sep 2012						Design for D2D specific system information
RM126056	GB01	Filed	27 Sep 2012	27 Sep 2012	GB1217314.2					Design for D2D specific system information
RM126054	Family	Filed	20 Sep 2012	20 Sep 2012						The inter cell interference cancellation/coordination of spreading IFDMA based system for local area environment
RM126054	GB01	Filed	20 Sep 2012	20 Sep 2012	GB1216824.1					The inter cell interference cancellation/coordination of spreading IFDMA based system for local area environment
RM126051	Family	Filed	14 Aug 2012	14 Aug 2012						Antenna domain interference cancellation for full duplex implementation
RM126051	US01	Filed	14 Aug 2012	14 Aug 2012	US13/585043					Antenna domain interference cancellation for full duplex implementation
RM126051	WO01	Filed	27 Jun 2013	14 Aug 2012	PCT/IB2013/001361					Antenna domain interference cancellation for full duplex implementation
RM126050	Family	Filed	26 Mar 2012	26 Mar 2012						Method and apparatus of Layer 2 status report re-ordering
RM126050	GB01	POA received	26 Mar 2012	26 Mar 2012	GB1205277.5	GB2494944	27 Mar 2013			Method and apparatus of Layer 2 status report re-ordering
RM126049	Family	Filed	29 Jun 2012	29 Jun 2012						IPv6 based peer discovery over-the-air for LTE
RM126049	GB01	POA received	29 Jun 2012	29 Jun 2012	GB1211608.3					IPv6 based peer discovery over-the-air for LTE
RM126049	US01	Filed	28 Jun 2013	29 Jun 2012	US13/930026					IPv6 based peer discovery over-the-air for LTE
RM126048	Family	Filed	10 May 2012	10 May 2012						METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126048	GB01	POA received	10 May 2012	10 May 2012	GB1208219.4					METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126048	US01	Filed	2 May 2013	10 May 2012	US13/875872					METHOD AND APPARATUS FOR OBTAINING SIGNAL TO NOISE RATIO (SNR) ESTIMATE IN A COMMUNICATION SYSTEM
RM126047	Family	Filed	10 Oct 2012	10 Oct 2012						A WSN-assisted UE location optimization method
RM126047	WO01	Filed	10 Oct 2012	10 Oct 2012	PCT/CN2012/082711					A WSN-assisted UE location optimization method
RM126043	Family	Filed	18 Mar 2012	18 Mar 2012						Method of autonomous for ciphering error detection selector
RM126043	GB01	POA received	18 Mar 2012	18 Mar 2012	GB1204812.0					Method of autonomous for ciphering error detection selector
RM126043	US01	Filed	28 May 2012	18 Mar 2012	US13/482210					Method of autonomous for ciphering error detection selector
RM126041	Family	Filed	25 May 2012	25 May 2012						Delta-based SINR estimation algorithm in iterative receiver
RM126041	GB01	POA received	25 May 2012	25 May 2012	GB1209248.2					Delta-based SINR estimation algorithm in iterative receiver
RM126040	Family	Filed	21 Mar 2012	21 Mar 2012						Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM126040	IN01	Filed	21 Mar 2012	21 Mar 2012	IN799/MUM/2012					Method of avoiding ambiguity between scheduling information and data packets during collision resolution
RM126039	Family	Filed	16 May 2012	16 May 2012						HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126039	GB01	POA received	16 May 2012	16 May 2012	GB1208622.9					HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126039	US01	Filed	16 May 2013	16 May 2012	US13/895404					HS-DSCH CQI value estimation for Advanced Receivers using a simple low-power receiver during transmission gaps
RM126037	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling of antenna colocation and reference for channel statistics estimation to the UE

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RM126037	GB01	POA received	19 Mar 2012	19 Mar 2012	GB1204734.6					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126037	US01	Filed	13 Sep 2012	19 Mar 2012	US13/614092					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126037	WO01	Filed	18 Mar 2013	19 Mar 2012	PCT/IB2013/052139					Signaling of antenna colocation and reference for channel statistics estimation to the UE
RM126038	Family	Filed	28 Sep 2012	28 Sep 2012						Real-time traffic off-loading mechanism from the WLANs
RM126038	GB01	POA received	28 Sep 2012	28 Sep 2012	GB1217424.9					Real-time traffic off-loading mechanism from the WLANs
RM126029	Family	Filed	20 Apr 2012	20 Apr 2012						Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM126029	WO01	POA received	20 Apr 2012	20 Apr 2012	PCT/CN2012/074458					Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM126035	Family	Filed	16 Mar 2012	16 Mar 2012						System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM126035	IN01	Filed	16 Mar 2012	16 Mar 2012	IN709/MUM/2012					System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM126024	Family	Filed	23 May 2012	23 May 2012						New subframe structure design for multiple MC UEs in local area
RM126024	WO01	Filed	23 May 2012	23 May 2012	PCT/CN2012/076063					New subframe structure design for multiple MC UEs in local area
RM126022	Family	Filed	11 Jun 2012	11 Jun 2012						A flexible algorithm for arbitration of transmit power between multiple radios
RM126022	GB01	Filed	11 Jun 2013	11 Jun 2012	GB1210257.2					A flexible algorithm for arbitration of transmit power between multiple radios
RM126022	US01	Filed	11 Jun 2013	11 Jun 2012	US13/914688					A flexible algorithm for arbitration of transmit power between multiple radios
RM126021	Family	Filed	19 Mar 2012	19 Mar 2012						New way to prevent Ping-Pong effect during S1-handover in IDC
RM126021	WO01	Filed	19 Mar 2012	19 Mar 2012	PCT/CN2012/072523					New way to prevent Ping-Pong effect during S1-handover in IDC
RM126020	Family	Filed	5 Apr 2012	5 Apr 2012						Controlling antenna beam width
RM126020	GB01	POA received	5 Apr 2012	5 Apr 2012	GB1206165.1					Controlling antenna beam width
RM126020	US01	Filed	29 Mar 2013	5 Apr 2012	US13/853230					Controlling antenna beam width
RM126017	Family	Filed	24 May 2012	24 May 2012						On the enablement of HARQ in contention based transmission
RM126017	GB01	Filed	24 May 2013	24 May 2012	GB1209156.7					On the enablement of HARQ in contention based transmission
RM126017	WO01	Filed	23 May 2013	24 May 2012	PCT/IB2013/054235					On the enablement of HARQ in contention based transmission
RM126015	Family	Filed	19 Mar 2012	19 Mar 2012						Signaling for PDSCH Fallback Mode on New Carrier Type
RM126015	WO01	POA received	19 Mar 2012	19 Mar 2012	PCT/CN2012/072530					Signaling for PDSCH Fallback Mode on New Carrier Type
RM126012	Family	Filed	6 Jul 2012	6 Jul 2012						Apparatus and methods for multiple virtual SIMs communication mechanism
RM126012	WO01	Filed	6 Jul 2012	6 Jul 2012	PCT/CN2012/078267					Apparatus and methods for multiple virtual SIMs communication mechanism
RM126010	Family	Filed	6 Jun 2012	6 Jun 2012						Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126010	GB01	Filed	6 Jun 2012	6 Jun 2012	GB1210002.0					Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126010	US01	Filed	6 Jun 2013	6 Jun 2012	US13/910800					Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126007	Family	Filed	11 Jun 2012	11 Jun 2012						The enhancement of interference coordination scheme in HetNets with flexible TDD configuration
RM126007	WO01	POA received	11 Jun 2012	11 Jun 2012	PCT/CN2012/076772					The enhancement of interference coordination scheme in HetNets with flexible TDD configuration
RM126036	Family	Filed	16 Mar 2012	16 Mar 2012						Adaptation of transmission denial modes for in-device interference
RM126036	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072476					Adaptation of transmission denial modes for in-device interference
RM126004	Family	Filed	16 Mar 2012	16 Mar 2012						Enhanced Resource Allocation of UL Control Signaling
RM126004	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072438					Enhanced Resource Allocation of UL Control Signaling

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Image	Title
RM125001	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
RM125001	IN01	Filed	25 May 2012	25 May 2012	IN1579/MUM/2012					Memory efficient and generic HW implementation to perform "physical channel segmentation, second interleaving ,subframe segmentation and physical channel mapping" of various transport channels as per 3GPP- 1.28Mcps, TDD mode
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/CN2012/07401 0					Reverse transmission mechanism in smart grid
RM125081	Family	Filed	19 Mar 2012	19 Mar 2012						PUCCH enabled simple CoMP operation
RM125081	GB01	PCA received	19 Mar 2012	19 Mar 2012	GB1204758.5					PUCCH enabled simple CoMP operation
RM125081	US01	Filed	21 Mar 2012	19 Mar 2012	US13/425065					PUCCH enabled simple CoMP operation
RM125080	Family	Filed	12 Apr 2012	12 Apr 2012						An improvement of time domain based ESIC solution in HetNets
RM125080	WO01	PCA received	12 Apr 2012	12 Apr 2012	PCT/CN2012/07389 3					An improvement of time domain based ESIC solution in HetNets
RM125079	Family	Filed	27 Feb 2012	27 Feb 2012						Preamble Counter calculation scheme for RA on Scell
RM125079	WO01	Filed	27 Feb 2012	27 Feb 2012	PCT/CN2012/07116 4					Preamble Counter calculation scheme for RA on Scell
RM125078	Family	Filed	26 Sep 2012	26 Sep 2012						Reconfigurable Rx digital data path architecture with flexible I/O sampling rates
RM125078	WO01	Filed	26 Sep 2012	26 Sep 2012	PCT/IB2012/002272					Reconfigurable Rx digital data path architecture with flexible I/O sampling rates
RM125077	Family	Filed	23 Mar 2012	23 Mar 2012						Method to indicate UE front-end capability
RM125077	GB01	PCA received	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
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	GB1204661.8					Always-on Mobile UE Power Consumption Improvement
RM125075	Family	Filed	24 Apr 2012	24 Apr 2012						Antenna Arrangement
RM125075	GB01	Filed	24 Apr 2012	24 Apr 2012	GB1207164.3					Antenna Arrangement
RM125075	US01	Filed	17 Apr 2013	24 Apr 2012	US13/864449					Antenna Arrangement
RM125074	Family	Filed	1 Jun 2012	1 Jun 2012						Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
RM125074	GB01	Filed	1 Jun 2012	1 Jun 2012	GB1209845.5					Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
RM125074	WO01	Filed	31 May 2013	1 Jun 2012	PCT/IB2013/054507					Full Duplex Transmission Scheme for DCF operation in 802.11 utilizing RTS/CTS evaluation for the Full Duplex Link
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	GB1207213.4					Compression of the TIM for networks supporting a large number of stations
RM125073	WO01	Filed	25 Apr 2013	27 Apr 2012	PCT/IB2013/053307					Compression of the TIM for networks supporting a large number of stations
RM125072	Family	Filed	18 Mar 2012	18 Mar 2012						Method of autonomous for ciphering error detection selector
RM125072	GB01	Filed	18 Mar 2012	18 Mar 2012	GB1204814.5					Method of autonomous for ciphering error detection selector
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	GB1206674.4					The new signaling design to benefit from the single channel full duplex transceivers in random access communications such as 802.11 systems
RM125067	US01	Filed	12 Apr 2013	13 Apr 2012	US13/862063					The new signaling design to benefit from the single channel full duplex transceivers in random access communications such as 802.11 systems
RM125064	GB01	Closed	2 Apr 2012	2 Apr 2012	GB1205669.7					Antenna Beam Steering With Switchable Ground Plane
RM125064	US01	Closed		2 Apr 2012						Antenna Beam Steering With Switchable Ground Plane
RM125061	Family	Filed	31 May 2012	31 May 2012						Method and Apparatus for Discovery Signal Formation

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RM125063	GB01	Filed	31 May 2013	31 May 2012	GB1209703.6					Method and Apparatus for Discovery Signal Formation
RM125063	WO01	Filed	31 May 2013	31 May 2012	PCT/IB2013/054502					Method and Apparatus for Discovery Signal Formation
RM125060	Family	Filed	18 Apr 2013	18 Apr 2012						Physical discovery channel design for small RRHs
RM125060	WO01	Filed	18 Apr 2013	18 Apr 2012	PCT/CN2012/074234					Physical discovery channel design for small RRHs
RM125058	Family	Filed	13 Apr 2012	13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	GB01	POA received	13 Apr 2012	13 Apr 2012	GB1206543.9					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	US01	ToFiling		13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	WO01	Filed	18 Apr 2013	13 Apr 2012	PCT/IB2013/052988					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125056	Family	Filed	12 Mar 2012	12 Mar 2012						Supporting prolonged station sleeping in the power save mode
RM125056	GB01	Filed	20 Jul 2012	12 Mar 2012	GB1212912.8					Supporting prolonged station sleeping in the power save mode
RM125056	US01	Closed	12 Mar 2012	12 Mar 2012	US61/609606					Supporting prolonged station sleeping in the power save mode
RM125056	WO01	Filed	11 Mar 2013	12 Mar 2012	PCT/IB2013/051831					Supporting prolonged station sleeping in the power save mode
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/CN2012/073603					A novel LTE + WiFi offloading method
RM125052	Family	Filed	9 Mar 2012	9 Mar 2012						Self-configurable, node-based grouping for large networks
RM125052	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204209.5					Self-configurable, node-based grouping for large networks
RM125049	Family	Filed	29 Mar 2012	29 Mar 2012						The general hybrid multicarrier technique for local area multiple access networks
RM125049	GB01	POA received	29 Mar 2012	29 Mar 2012	GB1205808.1					The general hybrid multicarrier technique for local area multiple access networks
RM125049	WO01	Filed	28 Mar 2013	29 Mar 2012	PCT/IB2013/052487					The general hybrid multicarrier technique for local area multiple access networks
RM125046	Family	Filed	2 Mar 2012	2 Mar 2012						Two dimensional CQI feedback for dynamic points selection
RM125044	GB01	Filed	2 Mar 2012	2 Mar 2012	GB1203721.8					Two dimensional CQI feedback for dynamic points selection
RM125044	WO01	Filed	1 Mar 2013	2 Mar 2012	PCT/IB2013/051563					Two dimensional CQI feedback for dynamic points selection
RM125043	Family	Filed	30 Jan 2013	30 Jan 2012						Enhanced interference suppression for E-PDCCH and PDSCH
RM125043	US01	Filed	30 Jan 2013	30 Jan 2012	US13/754326					Enhanced interference suppression for E-PDCCH and PDSCH
RM125043	WO01	POA received	30 Jan 2012	30 Jan 2012	PCT/CN2012/077078	WO2013113147	8 Aug 2013			Enhanced interference suppression for E-PDCCH and PDSCH
RM125042	Family	Filed	19 Mar 2012	19 Mar 2012						Method to indicate UE filtering capabilities
RM125042	GB01	POA received	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
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
RM125040	Family	Filed	27 Feb 2012	27 Feb 2012						CoMP feedback indication
RM125040	GB01	POA received	27 Feb 2012	27 Feb 2012	GB1203368.4					CoMP feedback indication
RM125040	US01	Filed	26 Feb 2013	27 Feb 2012	US13/777403					CoMP feedback indication
RM125039	Family	Filed	7 Mar 2012	7 Mar 2012						PLMN selection when EUTRAN is disabled
RM125039	GB01	Granted	7 Mar 2012	7 Mar 2012	GB1204639.6	GB2499989	21 Nov 2013	GB2499989	10 Apr 2013	PLMN selection when EUTRAN is disabled
RM125039	US01	POA received	3 Oct 2012	7 Mar 2012	US13/633926					PLMN selection when EUTRAN is disabled
RM125039	US02	Filed	15 Jan 2013	7 Mar 2012	US13/741059					PLMN selection when EUTRAN is disabled
RM125039	WO01	Filed	5 Mar 2013	7 Mar 2012	PCT/IB2013/051790					PLMN selection when EUTRAN is disabled
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/CN2012/072291					Indication flags and signaling for automatic notification on road
RM125034	Family	Filed	16 Mar 2012	16 Mar 2012						Method for reporting CQI in case of extended range of MCS classes
RM125034	GB01	Filed	16 Mar 2012	16 Mar 2012	GB1204872.6					Method for reporting CQI in case of extended range of MCS classes
RM125031	Family	Filed	19 Mar 2012	19 Mar 2012						HSPA uplink MIMO rank signaling at E-DPCCH
RM125031	GB01	Response filed to POA	19 Mar 2012	19 Mar 2012	GB1204774.2					HSPA uplink MIMO rank signaling at E-DPCCH
RM125031	US01	Filed	19 Apr 2013	19 Mar 2012	US13/451023					HSPA uplink MIMO rank signaling at E-DPCCH
RM125029	Family	Filed	17 Feb 2012	17 Feb 2012						Indication of the selected PLMN ID using PFI

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RM125027	INS01	Filed	17 Feb 2012	17 Feb 2012	IN/4074/MUM/2012					Indication of the selected PLMN ID using PFI
RM125027	US01	Closed	17 Feb 2012	17 Feb 2012						Indication of the selected PLMN ID using PFI
RM125028	Family	Filed	30 Jan 2012	30 Jan 2012						Suspension of UL transmission for M-TA
RM125028	WO01	PCA received	30 Jan 2012	30 Jan 2012	PCT/CN2012/070717	WO2012113148	8 Aug 2013			Suspension of UL transmission for M-TA
RM125026	Family	Filed	24 Jan 2012	24 Jan 2012						Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	GB01	PCA received	24 Jan 2012	24 Jan 2012	GB1201125.0	GB2488721	31 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	US01	Filed	28 Jan 2012	24 Jan 2012	US13/358644	US20130189971	25 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	WO01	Filed	22 Jan 2013	24 Jan 2012	PCT/IB2013/050551	WO2013111956	1 Aug 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125025	Family	Filed	5 Apr 2012	5 Apr 2012						Resource Configuration of DCI format based Evolved PHICH
RM125025	WO01	PCA received	5 Apr 2012	5 Apr 2012	PCT/CN2012/073654					Resource Configuration of DCI format based Evolved PHICH
RM125024	Family	Filed	23 Feb 2012	23 Feb 2012						Aperiodical discovery channel design for small RRHs
RM125024	WO01	Filed	23 Feb 2012	23 Feb 2012	PCT/CN2012/071159					Aperiodical discovery channel design for small RRHs
RM125023	Family	Filed	2 Feb 2012	2 Feb 2012						Power control for scalable low-power LTE CA system on un-licensed band
RM125023	GB01	PCA received	2 Feb 2012	2 Feb 2012	GB1201791.9					Power control for scalable low-power LTE CA system on un-licensed band
RM125023	US01	Filed	3 Feb 2012	3 Feb 2012	US13/757499	US20130203468	8 Aug 2013			Power control for scalable low-power LTE CA system on un-licensed band
RM125022	Family	Filed	6 Mar 2012	6 Mar 2012						Physical Discovery channel sequence design for inter-band LTE CA HetNet
RM125022	WO01	Filed	6 Mar 2012	6 Mar 2012	PCT/CN2012/072194					Physical Discovery channel sequence design for inter-band LTE CA HetNet
RM125020	Family	Filed	20 Jan 2012	20 Jan 2012						On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1200962.7	GB2498558	24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363896	US20130188530	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125019	Family	Filed	20 Feb 2012	20 Feb 2012						Enhanced measurement for new carrier type
RM125019	WO01	Filed	20 Feb 2012	20 Feb 2012	PCT/CN2012/071354					Enhanced measurement for new carrier type
RM125018	Family	Filed	23 Mar 2012	23 Mar 2012						Interference reduction in wireless communication systems
RM125018	GB01	PCA received	23 Mar 2012	23 Mar 2012	GB1205166.0					Interference reduction in wireless communication systems
RM125018	US01	Response filed to PCA	21 Nov 2012	23 Mar 2012	US13/682855					Interference reduction in wireless communication systems
RM125018	US02	Filed	21 Nov 2012	23 Mar 2012	US13/683072					Interference reduction in wireless communication systems
RM125015	GB01	Closed								Transmit power reduction for HSPA uplink MIMO
RM125013	Family	Filed	2 Mar 2012	3 Mar 2012						PDCCH detection for low cost MTC Ues
RM125013	WO01	Filed	2 Mar 2012	2 Mar 2012	PCT/CN2012/071863					PDCCH detection for low cost MTC Ues
RM125012	Family	Filed	6 Mar 2012	6 Mar 2012						Enhanced membership indication for CSG RAN sharing
RM125012	GB01	Filed	6 Mar 2012	6 Mar 2012	GB1203921.0					Enhanced membership indication for CSG RAN sharing
RM125012	WO01	Filed	5 Mar 2013	6 Mar 2012	PCT/IB2013/051742					Enhanced membership indication for CSG RAN sharing
RM125010	Family	Filed	16 Mar 2012	16 Mar 2012						UE-assisted DRX method for IDC with WiFi in PCF mode
RM125010	WO01	PCA received	16 Mar 2012	16 Mar 2012	PCT/CN2012/072442					UE-assisted DRX method for IDC with WiFi in PCF mode
RM125009	Family	Filed	4 Jun 2013	4 Jun 2013						Method to ensure sampling continuity across some interruption of reception, like some measurement gap
RM125009	WO01	Filed	4 Jun 2013	4 Jun 2013	PCT/FR2013/051268					Method to ensure sampling continuity across some interruption of reception, like some measurement gap
RM125007	Family	Filed	30 Jan 2012	30 Jan 2012						CSG fingerprint for test purposes

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RM125007	GB01	PCA received	30 Jan 2012	30 Jan 2012	GB1201958.1	GB2499013	31 Jul 2013			CSG fingerprints for test purposes
RM125007	GB02	Filed	6 Aug 2012	30 Jan 2012	GB1213939.0	GB2499326	31 Jul 2013			CSG fingerprint for test purposes
RM125007	US01	Closed		30 Jan 2013						CSG fingerprint for test purposes
RM125007	WO01	Filed	28 Jan 2013	30 Jan 2012	PCT/IB2013/050724	WO2013114265	8 Aug 2013			CSG fingerprint for test purposes
RM125006	Family	Filed	22 May 2012	22 May 2012						EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM125006	GB01	PCA received	22 May 2012	22 May 2012	GB1208629.6					EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM115526	Family	Filed	21 Jan 2012	21 Jan 2012						Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM115526	WO01	PCA received	21 Jan 2012	21 Jan 2013	PCT/CN2012/070705	WO2013107056	26 Jul 2013			Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM115527	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio receiver circuit linearization
RM115527	GB01	Granted	15 May 2012	15 May 2012	GB1208544.6	GB2491022	21 Nov 2012	GB2491022	1 May 2013	Method and apparatus for radio receiver circuit linearization
RM115527	US01	Granted	13 Nov 2012	15 May 2012	US13/675073			US8483646	28 Apr 2013	Method and apparatus for radio receiver circuit linearization
RM115527	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053965					Method and apparatus for radio receiver circuit linearization
RM115525	Family	Filed	27 Feb 2012	27 Feb 2012						CSFB for emergency purposes
RM115525	GB01	Filed	27 Feb 2012	27 Feb 2012	GB1203567.6					CSFB for emergency purposes
RM115522	Family	Filed	27 Mar 2012	27 Mar 2012						LBT LTE Downlink Control Channel Design
RM115522	GB01	Filed	27 Mar 2012	27 Mar 2012	GB1205390.6					LBT LTE Downlink Control Channel Design
RM115522	US01	Filed	26 Mar 2013	27 Mar 2012	US13/849884					LBT LTE Downlink Control Channel Design
RM115521	Family	Filed	31 Jan 2012	31 Jan 2012						Method and Apparatus of Informing UE Access Barring
RM115521	GB01	PCA received	31 Jan 2012	31 Jan 2012	GB1201581.4					Method and Apparatus of Informing UE Access Barring
RM115521	US01	Granted	3 Feb 2012	31 Jan 2012	US13/365544			US8478286	2 Jul 2013	Method and Apparatus of Informing UE Access Barring
RM115521	US02	Filed	3 May 2013	31 Jan 2012	US13/875863					Method and Apparatus of Informing UE Access Barring
RM115521	WO01	Filed	29 Jan 2013	31 Jan 2012	PCT/IB2013/050759	WO2013114278	8 Aug 2013			Method and Apparatus of Informing UE Access Barring
RM115519	Family	Filed	8 Mar 2012	8 Mar 2012						Enable sensing function coupled with X-CG scheduling
RM115519	WO01	PCA received	8 Mar 2012	8 Mar 2012	PCT/CN2012/072068					Enable sensing function coupled with X-CG scheduling
RM115518	Family	Filed	30 Jan 2012	30 Jan 2012						Closed Loop Transmit Diversity Activation and Deactivation
RM115518	GB01	Granted	30 Jan 2012	30 Jan 2012	GB1201569.9	GB2499985	21 Nov 2012	GB2499985	19 Jun 2013	Closed Loop Transmit Diversity Activation and Deactivation
RM115518	US01	Filed	13 Feb 2012	30 Jan 2012	US13/371581					Closed Loop Transmit Diversity Activation and Deactivation
RM115518	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050796	WO2013114301	8 Aug 2013			Closed Loop Transmit Diversity Activation and Deactivation
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 received	1 Mar 2012	1 Mar 2012	GB1203652.1	GB2499483	19 Mar 2013			Reducing the reception time of the channels where the transmitted information is repeated several times
RM115515	Family	Filed	11 Apr 2012	11 Apr 2012						A decoder for scrambled convolution codes
RM115515	GB01	PCA received	11 Apr 2012	11 Apr 2012	GB1206389.7					A decoder for scrambled convolution codes
RM115515	US01	Granted	4 Oct 2012	11 Apr 2012	US13/645275			US8397150	12 Mar 2013	A decoder for scrambled convolution codes
RM115515	WO01	Filed	9 Apr 2013	11 Apr 2012	PCT/IB2013/052622					A decoder for scrambled convolution codes
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	GB2499815	31 Jul 2013			A DCI format approach for E-PHICH in LTE Rel-11
RM115514	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752696					A DCI format approach for E-PHICH in LTE Rel-11
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	GB1203662.7					Method for reporting 256QAM CQI without overhead increase
RM115513	US01	Filed	27 Feb 2013	27 Feb 2012	US13/779336					Method for reporting 256QAM CQI without overhead increase
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	GB1201597.6	GB2498803	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	GB02	Filed	30 Jan 2012	30 Jan 2012	GB1302102.2	GB2498878	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	US01	Filed	6 Feb 2012	30 Jan 2012	US13/366639	US20130194936	1 Aug 2013			Methods to improve IDC in inter-band CA
RM115510	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio receiver circuit linearization
RM115510	GB01	Filed	15 May 2012	15 May 2012	GB1208545.2					Method and apparatus for radio receiver circuit linearization
RM115510	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053967					Method and apparatus for radio receiver circuit linearization
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	GB1204980.8					Procedures for Secondary Cell discovery on extension carriers in LTE HetNet

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RM115507	US01	Closed		13 Mar 2012						Procedures for Secondary Cell Discovery on Extension carriers in LTE HetNet
RM115506	Family	Filed	8 Mar 2012	8 Mar 2012						Group SPS Design for low cost MTC devices
RM115506	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/07206 1					Group SPS Design for low cost MTC devices
RM115505	Family	Filed	28 Jan 2012	28 Jan 2012						Uplink Interference Avoidance in HetNet Scenarios
RM115505	GB01	Filed	30 Jan 2012	28 Jan 2012	GB1201578.7					Uplink Interference Avoidance in HetNet Scenarios
RM115505	US01	Filed	3 Feb 2012	28 Jan 2012	US13/365396					Uplink Interference Avoidance in HetNet Scenarios
RM115505	WO01	POA received	28 Jan 2012	28 Jan 2012	PCT/IB2013/050723	WO2013114364	8 Aug 2013			Uplink Interference Avoidance in HetNet Scenarios
RM115504	Family	Filed	20 Dec 2012	20 Dec 2012						Antenna tuner problems and solutions
RM115504	GB01	Closed	20 Dec 2012	20 Dec 2012	GB1223058.3					Antenna tuner problems and solutions
RM115503	Family	Filed	29 Mar 2012	29 Mar 2012						Device for On-Chip Latency Measurement
RM115503	GB01	Response filed to POA	29 Mar 2012	29 Mar 2012	GB1205610.7	GB2490390	31 Oct 2012			Device for On-Chip Latency Measurement
RM115503	US01	Granted	2 Oct 2012	29 Mar 2012	US13/433549			US8401821	19 Mar 2013	Device for On-Chip Latency Measurement
RM115503	WO01	Filed	28 Mar 2013	29 Mar 2012	PCT/IB2013/052497					Device for On-Chip Latency Measurement
RM115502	Family	Filed	28 Sep 2012	28 Sep 2012						Centralized three-party RTS/CTS exchange for D2D communication contending for resource on ISM band
RM115502	WO01	POA received	28 Sep 2012	28 Sep 2012	PCT/CN2012/08239 6					Centralized three-party RTS/CTS exchange for D2D communication contending for resource on ISM band
RM115495	Family	Filed	30 Jan 2012	30 Jan 2012						Method of CSG cell reselection in CELL_FACH state
RM115495	GB01	Filed	30 Jan 2012	30 Jan 2012	GB1201544.2	GB2499805	31 Jul 2013			Method of CSG cell reselection in CELL_FACH state
RM115495	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050777	WO2013114288	8 Aug 2013			Method of CSG cell reselection in CELL_FACH state
RM115494	Family	Filed	26 Jan 2012	26 Jan 2012						Power control method for devices supporting inter-band carrier aggregation
RM115494	GB01	POA received	26 Jan 2012	26 Jan 2012	GB1201334.8	GB2498758	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115494	US01	Granted	6 Feb 2012	26 Jan 2012	US13/366537			US8462724	11 Jun 2013	Power control method for devices supporting inter-band carrier aggregation
RM115493	Family	Filed	20 Feb 2012	20 Feb 2012						Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115493	WO01	POA received	20 Feb 2012	20 Feb 2012	PCT/CN2012/07136 1					Interference Coordination through D2D Communication in Multi-operators Coexistence Scenario
RM115491	Family	Filed	30 Jan 2012	30 Jan 2012						Method of triggering Cell Update procedure to report measurement results
RM115491	GB01	Filed	29 Oct 2012	30 Jan 2012	GB1218411.4					Method of triggering Cell Update procedure to report measurement results
RM115491	US01	Filed	28 Jan 2013	30 Jan 2012	US13/752562					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
RM115487	Family	Filed	22 Mar 2012	22 Mar 2012						Novel Design for Indication of Evolved PHICH Configuration for Low Cost MTC Devices
RM115487	WO01	Filed	22 Mar 2012	22 Mar 2012	PCT/CN2012/07281 8					Novel Design for Indication of Evolved PHICH Configuration for Low Cost MTC Devices
RM115486	Family	Filed	20 Feb 2012	20 Feb 2012						Signaling Support for Multi Operator D2D Discovery
RM115486	GB01	POA received	20 Feb 2012	20 Feb 2012	GB1202863.6					Signaling Support for Multi Operator D2D Discovery
RM115486	WO01	Filed	18 Feb 2013	20 Feb 2012	PCT/IB2013/051301					Signaling Support for Multi Operator D2D Discovery
RM115485	Family	Filed	8 Feb 2012	8 Feb 2012						Secure Device to Device Discovery
RM115485	GB01	Filed	10 Feb 2012	8 Feb 2012	GB1202376.8					Secure Device to Device Discovery
RM115485	WO01	Filed	8 Feb 2012	8 Feb 2012	PCT/IB2013/051060					Secure Device to Device Discovery
RM115484	Family	Filed	14 Mar 2012	14 Mar 2012						A transmitter for two contiguous uplink carriers with power imbalance
RM115484	GB01	POA received	14 Mar 2012	14 Mar 2012	GB1204515.9					A transmitter for two contiguous uplink carriers with power imbalance
RM115484	US01	Filed	15 Oct 2012	14 Mar 2012	US13/651906					A transmitter for two contiguous uplink carriers with power imbalance

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM115484	WO01	Filed	14 Mar 2013	14 Mar 2012	PCT/IB2013/052027					A transmitter for two contiguous uplink carriers with power imbalance
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/IB2013/051757					Adaptive Gain Mapping In The Presence Of Intermittent Blockers
RM115479	Family	Filed	15 May 2012	15 May 2012						Method and apparatus for radio transceiver circuit linearization
RM115479	GB01	Granted	15 May 2012	15 May 2012	GB1208546.6	GB2491238	28 Nov 2012	GB2491238	3 Jul 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	US01	Granted	13 Nov 2012	15 May 2012	US13/675521			US8625716	6 Aug 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053998					Method and apparatus for radio transceiver circuit linearization
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					User group selection and full duplex pattern control for TDD full duplex system
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	GB1201528.5	GB2498757	31 Jul 2013			Method of configuring RRC state / channel monitoring behavior for 2nd DRX cycle in CELL_FACH
RM115475	Family	Filed	30 Jan 2012	30 Jan 2012						Multiple ACK-NACK Multiplexing with Periodic CSI in PUCCH Format 3
RM115475	WO01	Filed	30 Jan 2012	30 Jan 2012	PCT/CN2012/070769	WO2013113142	8 Aug 2013			Multiple ACK-NACK Multiplexing with Periodic CSI in PUCCH Format 3
RM115474	Family	Filed	20 Jan 2012	20 Jan 2012						Handling of RA failure for C-RNTI based Msg2
RM115474	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/CN2012/070661	WO2013107035	25 Jul 2013			Handling of RA failure for C-RNTI based Msg2
RM115473	Family	Filed	5 Mar 2012	5 Mar 2012						A novel way to enable traffic relay in D2D scenario
RM115473	US01	Closed	5 Mar 2012	5 Mar 2012						A novel way to enable traffic relay in D2D scenario
RM115473	WO01	POA received	5 Mar 2012	5 Mar 2012	PCT/CN2012/072167					A novel way to enable traffic relay in D2D scenario
RM115472	Family	Filed	8 Mar 2012	8 Mar 2012						Design of system information for low-cost MTC devices
RM115472	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072207					Design of system information for low-cost MTC devices
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/CN2012/071125					Principle for inter-cell D2D operation
RM115467	Family	Filed	30 Jan 2012	30 Jan 2012						Time-interleaved duplexing method for inter-band carrier
RM115467	GB01	POA received	30 Jan 2012	30 Jan 2012	GB1201616.8	GB2498812	31 Jul 2013			Time-interleaved duplexing method for inter-band carrier
RM115467	US01	Filed	7 Mar 2012	30 Jan 2012	US13/413989	US20130194939	1 Aug 2013			Time-interleaved duplexing method for inter-band carrier
RM115466	Family	Filed	19 Dec 2011	19 Dec 2011						EUTRAN Support for D2D Discovery Signal Verification
RM115466	GB01	Filed	19 Dec 2011	19 Dec 2011	GB1121764.3	GB2497741	26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330966	US20130156022	20 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	WO01	Filed	19 Dec 2012	19 Dec 2011	PCT/IB2012/057241	WO2013093723	27 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115465	Family	Filed	26 Mar 2012	26 Mar 2012						WiFi Scell activation deactivation in LTE+WiFi CA system
RM115465	WO01	Filed	26 Mar 2013	26 Mar 2012	PCT/CN2012/072302					WiFi Scell activation deactivation in LTE+WiFi CA system
RM115463	Family	Filed	25 Jan 2012	25 Jan 2012						Power control method for devices supporting inter-band carrier aggregation
RM115463	GB01	POA received	25 Jan 2012	25 Jan 2012	GB1201317.1	GB2498758	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	US01	Filed	10 Feb 2012	25 Jan 2012	US13/370638	US20130194967	1 Aug 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	WO01	Filed	25 Jan 2012	25 Jan 2012	PCT/IB2013/050569	WO2013111112	25 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
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	19 Apr 2013	Method to increase UE coverage in inter-band CA
RM115462	US01	Filed	14 Feb 2012	27 Jan 2012	US13/372574	US20130136196	30 May 2013			Method to increase UE coverage in inter-band CA
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	GB1208068.2					Full-duplex enablement under scheduled access in 802.11
RM115461	WO01	Filed	8 May 2013	9 May 2012	PCT/IB2013/053668					Full-duplex enablement under scheduled access in 802.11

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Issue date	Title
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/CN2012/074035					An Energy-Efficient Data Collection Scheme in Wireless Sensor Networks with UE as Mobile Gateway
RM115456	Family	Filed	6 Feb 2012	6 Feb 2012						Method and apparatus for security re-synchronisation
RM115456	GB01	POA received	6 Feb 2012	6 Feb 2012	GB1201969.8	GB2488772	10 Oct 2012			Method and apparatus for security re-synchronisation
RM115456	Family	Filed	21 Mar 2012	21 Mar 2012						Data compression and combination method
RM115456	GB01	Granted	21 Mar 2012	21 Mar 2012	GB1204972.2	GB2481927	19 Dec 2012	GB2481927	10 Jul 2013	Data compression and combination method
RM115456	GB02	POA received	18 Sep 2012	21 Mar 2012	GB1216545.8					Data compression and combination method
RM115456	US01	Filed	14 Nov 2012	21 Mar 2012	US13/676739					Data compression and combination method
RM115456	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/IB2013/052254					Data compression and combination method
RM115454	Family	Filed	16 Feb 2012	16 Feb 2012						MPR Calculation for HSUPA signal with 4PAM
RM115454	GB01	Granted	16 Feb 2012	16 Feb 2012	GB1202677.9	GB2450886	21 Nov 2012	GB2450886	19 Jun 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	US01	Granted	16 Oct 2012	16 Feb 2012	US13/648819			US8514874	20 Aug 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	WO01	Filed	14 Feb 2013	16 Feb 2012	PCT/IB2013/000185					MPR Calculation for HSUPA signal with 4PAM
RM115452	US01	Closed	30 Jan 2012	30 Jan 2012	US61/592289					PHR triggering and reporting for multiple timing advance
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	GB1309653.6					Antenna tuner algorithm for external interference scenarios
RM115450	US01	To Filing		4 Jun 2013						Antenna tuner algorithm for external interference scenarios
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/CN2012/072571					Network controlled semi-autonomous D2D resource allocation signaling optimization on cellular and shared band
RM115444	Family	Filed	27 Feb 2012	27 Feb 2012						TAS inaccuracy cancellation method
RM115444	WO01	Filed	27 Feb 2012	27 Feb 2012	PCT/IB2013/001865					TAS inaccuracy cancellation method
RM115442	Family	Filed	29 Jun 2012	29 Jun 2012						Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	GB01	Response filed to POA	29 Jun 2012	29 Jun 2012	GB1211619.9	GB2492249	26 Dec 2012			Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	US01	Granted	14 Nov 2012	29 Jun 2012	US13/676375			US8446813	21 May 2013	Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	WO01	Filed	27 Jun 2013	29 Jun 2012	PCT/IB2013/055279					Solving control bits of butterfly networks for parallel access turbo decoders
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 2013	30 Jan 2012	GB1201548.3					Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115440	US01	Filed	8 Feb 2012	30 Jan 2012	US13/365432	US2013195073	1 Aug 2013			Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
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/CN2012/071193					Novel signaling Design for time-domain bundling scheduling
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	GB1201974.4	GB2498765	31 Jul 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
RM115435	WO01	Filed	25 Jan 2013	27 Jan 2012	PCT/IB2013/050654	WO2013111164	1 Aug 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
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	US13/860786					On Handling Uplink Retransmission and Discovery Signal Collision
RM115433	Family	Filed	15 Feb 2012	15 Feb 2012						Enhancing Operator Control of D2D Discovery
RM115433	GB01	Filed	15 Feb 2013	15 Feb 2012	GB1202838.4					Enhancing Operator Control of D2D Discovery
RM115433	WO01	Filed	15 Feb 2013	15 Feb 2012	PCT/IB2013/051257					Enhancing Operator Control of D2D Discovery
RM115429	Family	Filed	28 Feb 2012	28 Feb 2012						On Discovery Resource Frame Structure
RM115429	GB01	Filed	28 Feb 2012	28 Feb 2012	GB1203455.9					On Discovery Resource Frame Structure
RM115429	WO01	Filed	26 Feb 2013	28 Feb 2012	PCT/IB2013/051530					On Discovery Resource Frame Structure
RM115428	Family	Filed	18 Jan 2012	18 Jan 2012						Power management for D2D discovery
RM115428	GB01	Filed	18 Jan 2012	18 Jan 2012	GB1200837.1	GB2498719	31 Jul 2013			Power management for D2D discovery
RM115428	WO01	Filed	17 Jan 2013	18 Jan 2012	PCT/IB2013/000056	WO2013108114	25 Jul 2013			Power management for D2D discovery
RM115425	Family	Filed	31 Jan 2012	31 Jan 2012						E-PHICH configuration for LTE-A

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM115425	WO01	Filed	31 Jan 2013	31 Jan 2012	PCT/CN2012/070803	WO2013113165	8 Aug 2013			E-PHICH configuration for LTE-A
RM115424	Family	Filed	12 Jan 2012	12 Jan 2012						Connectivity time reconfiguration for a device in DDD mode
RM115424	WO01	Filed	12 Jan 2013	12 Jan 2012	PCT/CN2012/070006	WO2013104284	18 Jul 2013			Connectivity time reconfiguration for a device in DDD mode
RM115423	Family	Filed	17 Jan 2012	17 Jan 2012						Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	GB01	Filed	17 Jan 2012	17 Jan 2012	GB1200706.5					Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	US01	Filed	24 Jan 2012	17 Jan 2012	US13/357180	US2013082623	18 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	WO01	Filed	15 Jan 2013	17 Jan 2012	PCT/IB2013/050366	WO2013108178	25 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
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 received	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
RM115420	Family	Filed	7 Mar 2012	7 Mar 2012						Multiple operator coordination for LTE in unlicensed band
RM115420	WO01	POA received	7 Mar 2012	7 Mar 2012	PCT/CN2012/072357					Multiple operator coordination for LTE in unlicensed band
RM115418	Family	Filed	23 Jan 2012	23 Jan 2012						Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	GB01	Response filed to POA	23 Jan 2012	23 Jan 2012	GB1201064.1	GB2498191	24 Oct 2012			Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	US01	Granted	23 Jan 2012	23 Jan 2012	US13/359046	US2013188761	25 Jul 2013	US8509366	13 Aug 2013	Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	WO01	POA received	23 Jan 2013	23 Jan 2012	PCT/IB2013/050532	WO2013111947	1 Aug 2013			Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115417	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA UE assisted position accuracy improvements
RM115417	GB01	POA received	22 Dec 2011	22 Dec 2011	GB1122207.2	GB2497813	26 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115417	US01	Filed	3 Jan 2012	22 Dec 2011	US13/343371	US2013016646	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
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					A signaling scheme for Adaptive Full-duplex Transmission
RM115416	US01	Filed	21 Feb 2013	23 Feb 2012	US13/772975					A signaling scheme for Adaptive Full-duplex Transmission
RM115415	Family	Filed	14 Feb 2012	14 Feb 2012						SFS reconfiguration in broken CC on unlicensed band
RM115415	WO01	Filed	14 Feb 2013	14 Feb 2012	PCT/CN2012/071132					SFS reconfiguration in broken CC on unlicensed band
RM115414	Family	Filed	3 Apr 2012	3 Apr 2012						Enhanced DRX Command Handling when Short DRX Cycle is Configured
RM115414	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205962.2					Enhanced DRX Command Handling when Short DRX Cycle is Configured
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/CN2012/072309					Pcell group in CA on unlicensed band
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 received	16 Mar 2012	16 Mar 2012	GB1204892.6					Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115412	US01	Filed	1 Mar 2013	16 Mar 2012	US13/782679					Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
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	GB1203638.8					Aperiodic SR transmission for diverse data applications
RM115411	US01	Closed		5 Mar 2012						Aperiodic SR transmission for diverse data applications
RM115411	WO01	Filed	4 Mar 2013	5 Mar 2012	PCT/IB2013/051711					Aperiodic SR transmission for diverse data applications
RM115410	Family	Filed	29 Feb 2012	29 Feb 2012						DRX enhancement for MTC and DDA Services
RM115410	WO01	Filed	28 Feb 2012	29 Feb 2012	PCT/CN2012/071794					DRX enhancement for MTC and DDA Services

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RM115408	Family	Filed	2 Feb 2012	2 Feb 2012						Signalling to enable resource allocation coordination between a device pair
RM115409	WO01	PCIA received	2 Feb 2012	2 Feb 2012	PCT/CN2012/07083 6	WO2013113161	8 Aug 2013			Signalling to enable resource allocation coordination between a device pair
RM115408	Family	Filed	24 Feb 2012	24 Feb 2012						Relayed UL transmission to eNB for a device in D2D mode
RM115408	WO01	Filed	24 Feb 2012	24 Feb 2012	PCT/CN2013/07158 6					Relayed UL transmission to eNB for a device in D2D mode
RM115407	Family	Filed	16 Jan 2012	16 Jan 2012						Method for D2D Discovery Signal Utilization
RM115407	GB01	PCIA received	16 Jan 2012	16 Jan 2012	GB1200635.8					Method for D2D Discovery Signal Utilization
RM115407	US01	Filed	16 Jan 2012	16 Jan 2012	US13/352536	US20130183963	18 Jul 2013			Method for D2D Discovery Signal Utilization
RM115406	Family	Filed	8 Feb 2012	8 Feb 2012						New way to determine WiFi coverage and UL PL in WS
RM115406	WO01	Filed	8 Feb 2012	8 Feb 2012	PCT/CN2012/07099 3					New way to determine WiFi coverage and UL PL in WS
RM115405	Family	Filed	11 Jan 2012	11 Jan 2012						RACH enhancement to support low cost MTC UEs with narrow bandwidth
RM115405	WO01	Filed	11 Jan 2012	11 Jan 2012	PCT/CN2012/07002 2	WO2013104118	18 Jul 2013			RACH enhancement to support low cost MTC UEs with narrow bandwidth
RM115403	Family	Filed	23 Jan 2012	23 Jan 2012						Application-oriented DRX enhancement
RM115403	GB01	Filed	23 Jan 2012	23 Jan 2012	GB1201051.8					Application-oriented DRX enhancement
RM115403	US01	Filed	2 Feb 2012	23 Jan 2012	US13/364469	US20130188485	25 Jul 2013			Application-oriented DRX enhancement
RM115403	WO01	Filed	23 Jan 2013	23 Jan 2012	PCT/IB2013/050568	WO2013111060	1 Aug 2013			Application-oriented DRX enhancement
RM115401	Family	Filed	16 Nov 2011	16 Nov 2011						Indication of Selected PLMN in a Network Sharing environment
RM115401	GB01	Filed	16 Nov 2011	16 Nov 2011	GB1119777.9	GB2496827	22 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115401	US01	Filed	16 Nov 2011	16 Nov 2011	US13/300972	US20130121241	16 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115400	Family	Filed	30 Jan 2012	30 Jan 2012						UE-assisted enhancement of DRX method for In-Device Coexistence
RM115400	WO01	Filed	30 Jan 2012	30 Jan 2012	PCT/CN2012/07077 2	WO2013113143	8 Aug 2013			UE-assisted enhancement of DRX method for In-Device Coexistence
RM115398	Family	Filed	19 Apr 2012	19 Apr 2012						Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115398	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/07341 8					Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115397	Family	Filed	11 Jan 2012	11 Jan 2012						E-PDCCH design for low bandwidth MTC
RM115397	WO01	Filed	11 Jan 2012	11 Jan 2012	PCT/CN2012/07002 6	WO2013104118	18 Jul 2013			E-PDCCH design for low bandwidth MTC
RM115396	Family	Filed	22 Jun 2012	22 Jun 2012						Periodic CQI during Discontinuous Reception
RM115396	GB01	Filed	22 Jun 2012	22 Jun 2012	GB1211163.9	GB2494499	13 Mar 2013			Periodic CQI during Discontinuous Reception
RM115394	Family	Filed	21 Dec 2011	21 Dec 2011						LTE OTDOA UE assisted position accuracy improvements
RM115394	GB01	PCIA received	22 Dec 2011	21 Dec 2011	GB1122103.3	GB2497502	26 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	US01	Filed	22 Dec 2011	21 Dec 2011	US13/338194	US20130183461	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	WO01	Filed	21 Dec 2011	21 Dec 2011	PCT/IB2012/057637	WO2013093687	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115393	Family	Filed	21 Jan 2013	21 Jan 2013						SDMA-Based Duty Cycles and efficient signaling for Low-Cost Machine Type Communications
RM115392	WO01	PCIA received	21 Jan 2012	21 Jan 2012	PCT/CN2013/00070 6	WO2013107059	25 Jul 2013			SDMA-Based Duty Cycles and efficient signaling for Low-Cost Machine Type Communications
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	GB1204236.8					Receiver analog baseband filter with transferred impedance stage
RM115391	US01	Closed		9 Mar 2012						Receiver analog baseband filter with transferred impedance stage
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/CN2013/00018 6	WO2013102308	11 Jul 2013			Shared E-PDCCH format indication for various bandwidth-capable devices
RM115389	Family	Filed	14 Mar 2012	14 Mar 2012						Back-off optimization for performance improvements and contention reduction under a large number of STAs
RM115389	GB01	Filed	14 Mar 2012	14 Mar 2012	GB1204510.0					Back-off optimization for performance improvements and contention reduction under a large number of STAs
RM115389	WO01	Filed	12 Mar 2013	14 Mar 2012	PCT/IB2013/00365					Back-off optimization for performance improvements and contention reduction under a large number of STAs

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Issue date	Title
RM115396	Family	Filed	21 Dec 2011	21 Dec 2011						Scheduling and automatic user group classification for semi-full-duplex LTE system
RM115396	WO01	PCT application filed	21 Dec 2011	21 Dec 2011	PCT/CN2011/084494	WO2013091187	27 Jun 2013			Scheduling and automatic user group classification for semi-full-duplex LTE system
RM115387	Family	Filed	15 Feb 2012	15 Feb 2012						Network assisted D2D Discovery
RM115387	GB01	Filed	15 Feb 2012	15 Feb 2012	GB1202574.8					Network assisted D2D Discovery
RM115386	Family	Filed	20 Dec 2011	20 Dec 2011						P2P Traffic offloading to D2D
RM115386	GB01	PCT application filed	20 Dec 2011	20 Dec 2011	GB1121902.6	GB2496212	8 May 2013			P2P Traffic offloading to D2D
RM115386	US01	Filed	20 Dec 2011	20 Dec 2011	US13/336856	US20130159487	20 Jun 2013			P2P Traffic offloading to D2D
RM115385	Family	Filed	19 Jan 2012	19 Jan 2012						Methods for Random Access Procedure
RM115385	GB01	PCT application filed	19 Jan 2012	19 Jan 2012	GB1200911.4					Methods for Random Access Procedure
RM115384	Family	Filed	19 Jan 2012	19 Jan 2012						Enhancement for Random Access Procedure
RM115384	GB01	PCT application filed	19 Jan 2012	19 Jan 2012	GB1200908.0					Enhancement for Random Access Procedure
RM115383	Family	Filed	7 Nov 2011	7 Nov 2011						Method for controlling reporting of CQI hypothesis in CoMP
RM115383	GB01	Filed	7 Nov 2011	7 Nov 2011	GB1119212.7	GB2496388	8 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115383	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291660	US20130114428	9 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115382	Family	Filed	20 Jan 2012	20 Jan 2012						On D2D Discovery Resource Allocation
RM115382	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1201007.6	GB2498575	24 Jul 2013			On D2D Discovery Resource Allocation
RM115382	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363644	US20130188546	25 Jul 2013			On D2D Discovery Resource Allocation
RM115382	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/EP2013/050471	WO2013108219	25 Jul 2013			On D2D Discovery Resource Allocation
RM115381	Family	Filed	23 Dec 2011	23 Dec 2011						Hardware assisted interrupt handling (Kaunis)
RM115381	GB01	Filed	23 Dec 2011	23 Dec 2011	GB1122271.8	GB2497966	3 Jul 2013			Hardware assisted interrupt handling (Kaunis)
RM115381	US01	Filed	23 Dec 2011	23 Dec 2011	US13/336941	US20130166794	27 Jun 2013			Hardware assisted interrupt handling (Kaunis)
RM115380	Family	Filed	27 Jan 2012	27 Jan 2012						On Scheduled Listen-Before-Talk System in Shared Bands
RM115380	GB01	PCT application filed	27 Jan 2012	27 Jan 2012	GB1201418.7					On Scheduled Listen-Before-Talk System in Shared Bands
RM115380	WO01	Filed	28 Jan 2013	27 Jan 2012	PCT/EP2013/051653	WO2013111103	1 Aug 2013			On Scheduled Listen-Before-Talk System in Shared Bands
RM115379	Family	Filed	7 Nov 2011	7 Nov 2011						Dynamic methods for supporting a large number of terminals
RM115379	GB01	PCT application filed	7 Nov 2011	7 Nov 2011	GB1119210.1	GB2496384	15 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	GB02	Filed	15 May 2013	7 Nov 2011	GB1308766.8					Dynamic methods for supporting a large number of terminals
RM115379	US01	Filed	10 Nov 2011	7 Nov 2011	US13/293396	US20130115992	9 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	WO01	PCT application filed	8 Nov 2012	7 Nov 2011	PCT/EP2012/072136	WO2013068625	16 May 2013			Dynamic methods for supporting a large number of terminals
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/CN2012/070869					Control design to support different bandwidth MTC
RM115377	Family	Filed	16 Mar 2012	16 Mar 2012						Multi component carrier aggregation CA reception arrangement
RM115377	GB01	PCT application filed	16 Mar 2012	16 Mar 2012	GB1204851.8	GB2491430	5 Dec 2012			Multi component carrier aggregation CA reception arrangement
RM115377	US01	Granted	8 Nov 2012	16 Mar 2012	US13/671701			US8614756	9 Apr 2013	Multi component carrier aggregation CA reception arrangement
RM115377	WO01	PCT application filed	15 Mar 2013	16 Mar 2012	PCT/EP2013/050075					Multi component carrier aggregation CA reception arrangement
RM115376	Family	Filed	20 Jan 2012	20 Jan 2012						On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1200971.8					On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363652	US20130188538	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/EP2013/050487	WO2013108233	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115375	Family	Filed	21 Mar 2012	21 Mar 2012						Distribution of traffic over separate links in vehicular communications system
RM115375	GB01	PCT application filed	21 Mar 2012	21 Mar 2012	GB1204904.5					Distribution of traffic over separate links in vehicular communications system
RM115375	US01	Filed	27 Mar 2013	21 Mar 2012	US13/431523					Distribution of traffic over separate links in vehicular communications system
RM115375	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/EP2013/056292					Distribution of traffic over separate links in vehicular communications system
RM115374	Family	Filed	18 Jan 2012	18 Jan 2012						Asymmetric D2D communication
RM115374	GB01	PCT application filed	18 Jan 2012	18 Jan 2012	GB1200818.5					Asymmetric D2D communication
RM115374	US01	Filed	25 Jan 2012	18 Jan 2012	US13/357759	US20130184024	18 Jul 2013			Asymmetric D2D communication
RM115373	Family	Filed	14 Nov 2011	14 Nov 2011						Enhancements to LTE CSI feedback reporting modes

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Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115373	GB01	POA received	14 Nov 2011	14 Nov 2011	GB1119618.6	GB2496458	15 May 2013			Enhancements to LTE Cell Reselection Procedures
RM115373	US01	Filed	14 Nov 2011	14 Nov 2011	US13/295810	US20130121312	16 May 2013			Enhancements to LTE Cell Reselection Procedures
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
RM115371	Family	Filed	14 Aug 2012	14 Aug 2012						Direct RF to Digital Converter and receiver
RM115371	GB01	Filed	14 Aug 2012	14 Aug 2012	GB1214513.2					Direct RF to Digital Converter and receiver
RM115371	US01	Filed	14 Aug 2013	14 Aug 2012	US13/966326					Direct RF to Digital Converter and receiver
RM115370	Family	Filed	10 Feb 2012	10 Feb 2012						High throughput and area efficient bit processing architecture for HS-PDSCH Transport channel processing in the downlink
RM115370	IN01	Filed	10 Feb 2013	10 Feb 2012	1384/MUM/2012					High throughput and area efficient bit processing architecture for HS-PDSCH Transport channel processing in the downlink
RM115369	Family	Filed	4 Nov 2011	4 Nov 2011						Method and apparatus for unnecessary retransmission avoidance
RM115369	GB01	POA received	4 Nov 2011	4 Nov 2011	GB1119366.8	GB2496171	8 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115369	US01	Filed	7 Nov 2011	4 Nov 2011	US13/290239	US20130114748	9 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115368	Family	Filed	7 Nov 2011	7 Nov 2011						HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	GB01	POA received	7 Nov 2011	7 Nov 2011	GB1119204.1	GB2496203	8 May 2013			HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US01	Granted	8 Nov 2011	7 Nov 2011	US13/291863	US20130116046	9 May 2013	US8634830	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US02	Granted	4 Mar 2013	7 Nov 2011	US13/784309	US20131178945	11 Jul 2013	US8634831	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
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	GB1201879.3	GB2498767	31 Jul 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115367	US01	Filed	27 Mar 2012	27 Jan 2012	US13/431240	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
RM115366	Family	Filed	7 Nov 2011	7 Nov 2011						Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	GB01	POA received	7 Nov 2011	7 Nov 2011	GB1119211.9	GB2496204	8 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291869	US20130114419	9 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056193	WO2013068923	16 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115365	Family	Filed	6 Nov 2011	6 Nov 2011						Flexible utilization of blind detection between cell specific search space and UE specific search space
RM115365	WO01	Filed	6 Nov 2011	6 Nov 2011	PCT/CN2011/081834	WO2013063812	16 May 2013			Flexible utilization of blind detection between cell specific search space and UE specific search space
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	GB1202481.9					On Full Duplex Capability Indication in Future Cellular Networks
RM115363	Family	Filed	8 Nov 2011	8 Nov 2011						Method of overriding common E-DCH resource selection
RM115363	GB01	Granted	9 Apr 2012	8 Nov 2011	GB1119133.5	GB2487267	18 Jul 2012	GB2487267	27 Feb 2013	Method of overriding common E-DCH resource selection
RM115363	US01	Granted	8 Nov 2011	8 Nov 2011	US13/291799	US20130114516	9 May 2013	US8432864	30 Apr 2013	Method of overriding common E-DCH resource selection
RM115363	WO01	Filed	7 Nov 2012	8 Nov 2011	PCT/IB2012/056226	WO2013068940	16 May 2013			Method of overriding common E-DCH resource selection
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	POA received	7 Nov 2011	7 Nov 2011	GB1119153.3	GB2496166	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	US13/291834	US20130114401	9 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056192	WO2013068922	16 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115361	Family	Filed	7 Nov 2011	7 Nov 2011						Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115361	GB01	Filed	7 Nov 2011	7 Nov 2011	GB1119160.5	GB2496169	8 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115361	US01	Filed	9 Nov 2011	7 Nov 2011	US13/292367	US20130114431	9 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115360	Family	Filed	16 Dec 2011	16 Dec 2011						On Changing Radio Capability Temporarily or Periodically in Future LTE Systems

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RM115360	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121361.1					On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	GB02	POA received	27 Mar 2013	16 Dec 2011	GB1305320.3	GB2497834	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 received	14 Dec 2012	16 Dec 2011	PCT/IB2012/057302	WO2013088396	20 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115359	Family	Filed	7 Nov 2011	7 Nov 2011						Controlling UE assumption of interference
RM115359	GB01	Granted	7 Nov 2011	7 Nov 2011	GB1119206.5	GB2496224	30 Jan 2013	GB2496224	3 Jul 2013	Controlling UE assumption of interference
RM115359	US01	Filed	8 Nov 2011	7 Nov 2011	US13/292205	US20130114430	9 May 2013			Controlling UE assumption of interference
RM115359	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056184	WO2013068924	16 May 2013			Controlling UE assumption of interference
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 received	20 Dec 2011	20 Dec 2011	PCT/CN2011/083013	WO2013091135	27 Jun 2013			A Novel Gateway UE Selection Method for the Missing Sensor Nodes in Sensor Networks
RM115357	Family	Filed	22 Nov 2011	22 Nov 2011						Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115357	GB01	Closed	24 Nov 2011	22 Nov 2011	GB1120328.8					Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115357	GB02	Filed	24 Jan 2013	22 Nov 2011	GB1301153.2	GB2496925	29 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115357	US01	Filed	26 Jan 2012	22 Nov 2011	US13/359092	US20130136196	30 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115357	WO01	Filed	22 Nov 2011	22 Nov 2011	PCT/IB2012/056824	WO2013076678	30 May 2013			Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115356	Family	Filed	7 Mar 2012	7 Mar 2012						Fast DL CC broken determination and recovery for LTE to unlicensed band
RM115356	WO01	Filed	7 Mar 2012	7 Mar 2012	PCT/CN2012/071706					Fast DL CC broken determination and recovery for LTE to unlicensed band
RM115355	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA measurement accuracy improvement
RM115355	GB01	Granted	22 Dec 2011	22 Dec 2011	GB1122263.1	GB2491218	28 Nov 2012	GB2491218	26 Jun 2013	LTE OTDOA measurement accuracy improvement
RM115355	US01	Filed	3 Jan 2012	22 Dec 2011	US13/342329	US20130182478	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115355	WO01	Filed	19 Dec 2012	22 Dec 2011	PCT/IB2012/057240	WO2013093593	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115351	Family	Filed	29 Nov 2011	29 Nov 2011						Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	GB01	Granted	29 Nov 2011	29 Nov 2011	GB1120537.4	GB2496545	3 Oct 2012	GB2496545	29 May 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US03	Granted	30 Nov 2011	29 Nov 2011	US13/307386	US20130136118	30 May 2013	US8477752	2 Jul 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US02	Filed	26 Jun 2013	29 Nov 2011	US13/930962					Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	WO01	Filed	27 Nov 2012	29 Nov 2011	PCT/IB2012/056780	WO2013080125	6 Jun 2013			Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115349	Family	Filed	30 Dec 2011	30 Dec 2011						Apparatus and method of sensor-based high-mobility beamforming
RM115349	WO01	POA received	30 Dec 2011	30 Dec 2011	PCT/CN2011/085664	WO2013097187	4 Jul 2013			Apparatus and method of sensor-based high-mobility beamforming
RM115348	Family	Filed	19 Dec 2011	19 Dec 2011						Signal and procedure to improve device discovery and D2D operation
RM115348	GB01	POA received	19 Dec 2011	19 Dec 2011	GB1121756.3	GB2497740	26 Jun 2013			Signal and procedure to improve device discovery and D2D operation
RM115348	US01	Filed	22 Dec 2011	19 Dec 2011	US13/334486	US20130157656	20 Jun 2013			Signal and procedure to improve device discovery and D2D operation
RM115347	Family	Filed	14 Dec 2011	14 Dec 2011						Algorithms to reduce power consumption in communication devices
RM115347	GB01	Filed	14 Dec 2011	14 Dec 2011	GB1121433.5	GB2497555	19 Jun 2013			Algorithms to reduce power consumption in communication devices

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RM115347	US01	Filed	15 Dec 2011	14 Dec 2011	US13/327269	US20130156479	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	WO01	Filed	14 Dec 2012	14 Dec 2011	PCT/IB2012/057336	WO2013088402	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115346	Family	Filed	21 Mar 2012	21 Mar 2012						Cell carrier activation and deactivation method for Vehicular Communications
RM115346	GB01	POA received	21 Mar 2012	21 Mar 2012	GB1204643.3	GB2499113	19 Sep 2012			Cell carrier activation and deactivation method for Vehicular Communications
RM115346	US01	Filed	07 Mar 2012	21 Mar 2012	US13/413370					Cell carrier activation and deactivation method for Vehicular Communications
RM115345	Family	Filed	4 Nov 2011	4 Nov 2011						CoMP scheme selection codebook
RM115345	GB01	Response filed to POA	4 Nov 2011	4 Nov 2011	GB1119092.3	GB2496178	8 May 2013			CoMP scheme selection codebook
RM115345	US01	Filed	5 Nov 2011	4 Nov 2011	US13/291417	US20130114427	9 May 2013			CoMP scheme selection codebook
RM115344	Family	Filed	7 Nov 2011	7 Nov 2011						New UL Transmissions and UL Grant Designs for LTE in Unlicensed Band
RM115344	WO01	POA received	7 Nov 2011	7 Nov 2011	PCT/CN2011/081892	WO2013067675	16 May 2013			New UL Transmissions and UL Grant Designs for LTE in Unlicensed Band
RM115343	Family	Filed	8 Dec 2011	8 Dec 2011						Improved resource allocation for LTE
RM115343	WO01	Filed	8 Dec 2011	8 Dec 2011	PCT/CN2011/083370	WO2013082784	13 Jun 2013			Improved resource allocation for LTE
RM115341	Family	Filed	13 Jan 2012	13 Jan 2012						TXOP adaptation for fairness provision
RM115341	GB01	POA received	13 Jan 2012	13 Jan 2012	GB1200582.9	GB2498706	31 Jul 2013			TXOP adaptation for fairness provision
RM115341	US01	Filed	17 Jan 2013	13 Jan 2012	US13/351597	US20130182610	18 Jul 2013			TXOP adaptation for fairness provision
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/CN2011/081894	WO2013067677	16 May 2013			Enhanced SR transmission to improve resource efficiency for MTC operation
RM115339	Family	Filed	8 Mar 2012	8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115339	US01	Closed		8 Mar 2012						PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115339	WO01	Filed	8 Mar 2012	8 Mar 2012	PCT/CN2012/072097					PDCCH Reliability Improvement to Handle DL CC Broken in Unlicensed Band
RM115338	Family	Filed	25 Jan 2012	25 Jan 2012						An access method for dynamic contention window adaptation in CSMA type channels
RM115338	GB01	Filed	25 Jan 2012	25 Jan 2012	GB1201216.7					An access method for dynamic contention window adaptation in CSMA type channels
RM115338	US01	Filed	25 Jan 2012	25 Jan 2012	US13/358174	US20130188479	25 Jul 2013			An access method for dynamic contention window adaptation in CSMA type channels
RM115335	Family	Filed	18 Jan 2012	18 Jan 2012						Providing Provision Information via Direct Communication Interface
RM115335	GB01	Filed	18 Jan 2012	18 Jan 2012	GB1200772.0					Providing Provision Information via Direct Communication Interface
RM115335	US01	Filed	24 Jan 2012	18 Jan 2012	US13/357146	US20130188632	18 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	WO01	Filed	18 Jan 2012	18 Jan 2012	PCT/IB2013/050488	WO2013108232	25 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115334	Family	Filed	28 Feb 2012	28 Feb 2012						METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	GB01	Granted	28 Feb 2012	28 Feb 2012	GB1203570.5	GB2491222	28 Nov 2012	GB2491222	10 Jul 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	US01	Granted	14 Nov 2012	28 Feb 2012	US13/675824			US8432886	30 Apr 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115333	Family	Filed	4 Nov 2011	4 Nov 2011						UE-assisted in-device interference handling
RM115333	GB01	Filed	4 Apr 2012	4 Nov 2011	GB1206965.1	GB2496221	8 May 2013			UE-assisted in-device interference handling
RM115333	US01	Filed	4 Nov 2011	4 Nov 2011	US61/555733					UE-assisted in-device interference handling
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/CN2011/083285	WO2013075314	30 May 2013			Fast PUCCH relocation for LTE in unlicensed band
RM115328	Family	Filed	9 Dec 2011	9 Dec 2011						Discontinuous Operation in LTE on Shared Band

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RM115328	WO01	Filed	9 Dec 2011	9 Dec 2011	PCT/CN2011/083474	WO2013082801	9 Jun 2013			Concurrent Operation in LTE on Shared Band
RM115327	Family	Filed	15 Dec 2011	15 Dec 2011						Central controlled sharing mechanism for coexistence on unlicensed bands
RM115327	WO01	PCA received	15 Dec 2011	15 Dec 2011	PCT/CN2011/083211	WO2013086659	20 Jun 2013			Central controlled sharing mechanism for coexistence on unlicensed bands
RM115326	Family	Filed	11 Jan 2012	11 Jan 2012						Bandwidth optimization of shared memory interface between Modem and APE
RM115326	GB01	Filed	11 Jan 2012	11 Jan 2012	GB1200490.8					Bandwidth optimization of shared memory interface between Modem and APE
RM115326	US01	Filed	11 Jan 2012	11 Jan 2012	US13/351386	US2013178637	11 Jul 2013			Bandwidth optimization of shared memory interface between Modem and APE
RM115318	Family	Filed	14 Nov 2011	14 Nov 2011						Separating CSI measurement trigger from the CSI reporting trigger
RM115318	GB01	Filed	14 Nov 2011	14 Nov 2011	GB1119619.3	GB2496451	15 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115318	US01	Filed	14 Nov 2011	14 Nov 2011	US13/295749	US2013121173	16 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115318	WO01	Filed	12 Nov 2012	14 Nov 2011	PCT/IB2012/056333	WO2013072637	23 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
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	GB1202756.7					Transmission Power Management in Shared Band Operation
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	GB1119886.4					A radio receiver for the reception of non-contiguous carriers
RM115316	GB02	Filed	5 Sep 2012	17 Nov 2011	GB1215802.8	GB2492496	2 Jan 2013			A radio receiver for the reception of non-contiguous carriers
RM115316	US01	Granted	16 Nov 2011	17 Nov 2011	US13/300004	US2013130636	23 May 2013	US8442473	14 May 2013	A radio receiver for the reception of non-contiguous carriers
RM115316	US02	Granted	16 Nov 2012	17 Nov 2011	US13/677776	US2013130635	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/IB2012/056446	WO2013073984	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115315	Family	Filed	9 Jan 2012	9 Jan 2012						TDD system TX to RX local leakage isolation arrangements
RM115315	GB01	PCA received	9 Jan 2012	9 Jan 2012	GB1200229.1	GB2496012	15 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	GB02	Response filed to PCA	28 Oct 2012	9 Jan 2012	GB1219205.5	GB2496516	2 Jan 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US01	Filed	10 Jan 2012	9 Jan 2012	US13/347193	US2013176913	11 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US02	Filed	27 Mar 2013	9 Jan 2012	US13/851244					TDD system TX to RX local leakage isolation arrangements
RM115315	WO01	PCA received	9 Jan 2013	9 Jan 2012	PCT/IB2013/050157	WO2013105022	18 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115313	Family	Filed	21 Dec 2011	21 Dec 2011						Soc Sensing Configuration
RM115313	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122003.5					Soc Sensing Configuration
RM115313	US01	Filed	22 Dec 2011	21 Dec 2011	US13/333486	US2013153447	27 Jun 2013			Soc Sensing Configuration
RM115312	Family	Filed	19 Dec 2011	19 Dec 2011						Device to device discovery Scheme using Cellular Oriented Mechanisms And sighaling
RM115312	GB01	PCA received	19 Dec 2011	19 Dec 2011	GB1121823.7					Device to device discovery Scheme using Cellular Oriented Mechanisms And sighaling
RM115312	US01	Filed	22 Dec 2011	19 Dec 2011	US13/334593	US2013157670	20 Jun 2013			Device to device discovery Scheme using Cellular Oriented Mechanisms And sighaling
RM115311	Family	Filed	4 Nov 2011	4 Nov 2011						LTE synchronization mechanisms on un-licensed band
RM115311	WO01	PCA received	4 Nov 2011	4 Nov 2011	PCT/CN2011/081893	WO2013063808	10 May 2013			LTE synchronization mechanisms on un-licensed band
RM115310	Family	Filed	10 Nov 2011	10 Nov 2011						CSG ID assisted load and admission control
RM115310	GB01	Filed	10 Nov 2011	10 Nov 2011	GB1119428.9	GB2496574	15 Feb 2013			CSG ID assisted load and admission control
RM115310	US01	Filed	11 Nov 2011	10 Nov 2011	US13/294512	US2013122901	16 May 2013			CSG ID assisted load and admission control
RM115310	WO01	Filed	12 Nov 2012	10 Nov 2011	PCT/IB2012/056358	WO2013068901	16 May 2013			CSG ID assisted load and admission control
RM115309	Family	Filed	17 Nov 2011	17 Nov 2011						On D2D discovery signal design
RM115309	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119850.1	GB2496648	22 May 2013			On D2D discovery signal design
RM115309	US01	Filed	30 Nov 2011	17 Nov 2011	US13/307885	US2013130727	23 May 2013			On D2D discovery signal design
RM115309	WO01	Filed	15 Nov 2012	17 Nov 2011	PCT/IB2012/056481	WO2013072885	27 May 2013			On D2D discovery signal design
RM115308	Family	Filed	16 Apr 2012	16 Apr 2012						Incognizant hotspot-node duplication and replacement in WSN by Cellular Ues
RM115308	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074028					Incognizant hotspot-node duplication and replacement in WSN by Cellular Ues
RM115307	Family	Filed	17 Nov 2011	17 Nov 2011						A radio receiver for the reception of non-contiguous carriers
RM115307	GB01	Closed	17 Nov 2011	17 Nov 2011	GB1119887.6					A radio receiver for the reception of non-contiguous carriers
RM115307	GB02	PCA received	1 Nov 2012	17 Nov 2011	GB1219626.7	GB2496502	15 May 2013			A radio receiver for the reception of non-contiguous carriers

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RM115307	US01	Filed	16 Nov 2011	17 Nov 2011	US13/298860	US2013/0128904	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	US02	Filed	16 Nov 2011	17 Nov 2011	US13/677866	US2013/0136037	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	WO2013/072885	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115306	US01	Closed	14 Oct 2011	14 Oct 2011	US61/547411					Dedicated pilot spreading code allocation for HSDPA MIMO system
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 received	18 Jan 2012	18 Jan 2012	PCT/CN2012/070521	WO2013/107004	25 Jul 2013			A distributed sensing and contending mechanism for LTE D2D pairs on shared ISM band
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	In Drafting		26 Jan 2012						The coexistence of LTE and WLAN on WLAN band through Network Management level coordination
RM115303	Family	Filed	4 Nov 2011	4 Nov 2011						A mechanism to reduce signalling for MTC devices
RM115303	GB01	Filed	4 Nov 2011	4 Nov 2011	GB1119097.3	GB2496179	8 May 2013			A mechanism to reduce signalling for MTC devices
RM115303	US01	Filed	4 Nov 2011	4 Nov 2011	US13/291336	US2013/0115883	9 May 2013			A mechanism to reduce signalling for MTC devices
RM115303	WO01	Filed	2 Nov 2012	4 Nov 2011	PCT/IB2012/056127	WO2013/065027	10 May 2013			A mechanism to reduce signalling for MTC devices
RM115302	Family	Filed	16 Dec 2011	16 Dec 2011						Resource utilization method for future LTE networks
RM115302	GB01	POA received	16 Dec 2011	16 Dec 2011	GB1121685.2	GB2497734	26 Jun 2013			Resource utilization method for future LTE networks
RM115302	US01	Filed	20 Dec 2011	16 Dec 2011	US13/331225	US2013/0157669	20 Jun 2013			Resource utilization method for future LTE networks
RM115302	WO01	Filed	13 Dec 2012	16 Dec 2011	PCT/IB2012/057268	WO2013/088383	20 Jun 2013			Resource utilization method for future LTE networks
RM115301	Family	Filed	2 Feb 2012	2 Feb 2012						Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	GB01	POA received	2 Feb 2012	2 Feb 2012	GB1201831.8					Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	WO01	Filed	31 Jan 2013	2 Feb 2012	PCT/IB2013/050535	WO2013/114317	8 Aug 2013			Means to handle over-the-air (OTA) modem baseband firmware updates
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/CN2011/083668	WO2013/085452	26 Apr 2013			Signaling to avoid inter-cell cross link interference in TDD
RM115299	Family	Filed	20 Dec 2011	20 Dec 2011						Multiple SIM ? Single modem resource sharing
RM115299	GB01	Granted	20 Dec 2011	20 Dec 2011	GB1121894.8	GB2487275	18 Jul 2012	GB2487275	2 Jan 2013	Multiple SIM ? Single modem resource sharing
RM115299	US01	Filed	29 Feb 2012	20 Dec 2011	US13/408188	US2013/0159581	20 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115299	WO01	Filed	18 Dec 2012	20 Dec 2011	PCT/IB2012/057433	WO2013/093777	27 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115297	Family	Filed	9 Mar 2012	9 Mar 2012						Baseband transferred impedance notch filter with variable number of phases
RM115297	GB01	Filed	9 Mar 2012	9 Mar 2012	GB1204179.4					Baseband transferred impedance notch filter with variable number of phases
RM115297	US01	Closed		9 Mar 2012						Baseband transferred impedance notch filter with variable number of phases
RM115296	Family	Filed	30 Sep 2011	30 Sep 2011						Methods of too frequent RAB establishment avoidance
RM115296	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116919.9	GB2495142	3 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115296	US01	Filed	30 Sep 2011	30 Sep 2011	US13/249415	US2013/0083646	4 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115294	Family	Filed	31 Oct 2011	31 Oct 2011						In-device interference autonomous denial indication design
RM115294	WO01	POA received	31 Oct 2011	31 Oct 2011	PCT/CN2011/083156	WO2013/063742	10 May 2013			In-device interference autonomous denial indication design
RM115293	Family	Filed	17 Oct 2011	17 Oct 2011						Network sharing in GERAN
RM115293	GB01	POA received	8 Oct 2012	17 Oct 2011	GB1218001.4	GB2496946	29 May 2013			Network sharing in GERAN
RM115293	GB02	POA received	29 Jan 2013	17 Oct 2011	GB1301780.5	GB2497572	26 Jun 2013			Network sharing in GERAN
RM115293	GB03	Filed	5 Apr 2013	17 Oct 2011	GB1306165.8	GB2497824	26 Jun 2013			Network sharing in GERAN
RM115293	IN01	Filed	17 Oct 2011	17 Oct 2011	IN4263/MUM/2011	IN2903MU2011	19 Apr 2013			Network sharing in GERAN
RM115293	US01	Filed	29 Apr 2013	17 Oct 2011	US13/672817					Network sharing in GERAN
RM115293	WO01	Filed	22 Dec 2011	17 Oct 2011	PCT/IB2011/003120	WO2013/057539	25 Apr 2013			Network sharing in GERAN
RM115292	Family	Filed	21 Dec 2011	21 Dec 2011						Flexible spectrum usage for proximity communication
RM115292	GB01	Filed	21 Dec 2011	21 Dec 2011	GB1122056.3	GB2497784	26 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	US01	Filed	20 Dec 2011	21 Dec 2011	US13/344469	US2013/0163555	27 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	WO01	Filed	21 Dec 2012	21 Dec 2011	PCT/IB2012/057479	WO2013/093796	27 Jun 2013			Flexible spectrum usage for proximity communication

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RM115290	Family	Filed	5 Apr 2012	5 Apr 2012						LTE device dynamically accesses the ISM band with WLAN channel traffic statistics assisting
RM115290	WO01	Filed	5 Apr 2012	5 Apr 2012	PCT/CN2012/073555					LTE device dynamically accesses the ISM band with WLAN channel traffic statistics assisting
RM115287	Family	Filed	26 Sep 2012	26 Sep 2012						Resampler rate adaptation using blocker detection
RM115287	WO01	Filed	26 Sep 2012	26 Sep 2012	PCT/IB2012/002221					Resampler rate adaptation using blocker detection
RM115286	Family	Filed	3 Oct 2011	3 Oct 2011						Method of switching common E-DCH TTI
RM115286	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116975.2	GB2495473	17 Apr 2013			Method of switching common E-DCH TTI
RM115286	US01	Filed	3 Oct 2011	3 Oct 2011	US13/251375	US20130083738	4 Apr 2013			Method of switching common E-DCH TTI
RM115285	Family	Filed	3 Oct 2011	3 Oct 2011						Method of signaling hidden common E-DCH resources
RM115285	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116974.5	GB2496097	8 May 2013			Method of signaling hidden common E-DCH resources
RM115285	US01	Granted	3 Oct 2011	3 Oct 2011	US13/251685	US20130084877	4 Apr 2013	US8447316	21 May 2013	Method of signaling hidden common E-DCH resources
RM115284	Family	Filed	3 Oct 2011	3 Oct 2011						Method of prioritizing RATs for measurement
RM115284	GB01	Filed	3 Oct 2011	3 Oct 2011	GB1116979.4	GB2492163	26 Dec 2012			Method of prioritizing RATs for measurement
RM115284	US01	Closed	3 Oct 2011	3 Oct 2011	US13/251362	US20130084856	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US02	Response filed to POA	19 Jun 2012	3 Oct 2011	US13/532251	US20130084856	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	WO01	Filed	3 Oct 2012	3 Oct 2011	PCT/IB2012/055316	WO2013050946	11 Apr 2013			Method of prioritizing RATs for measurement
RM115283	Family	Filed	28 Nov 2011	28 Nov 2011						Use profiling for automating feature control on battery limited devices
RM115283	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120397.3	GB2497062	5 Jun 2013			Use profiling for automating feature control on battery limited devices
RM115283	US01	Filed	28 Nov 2011	28 Nov 2011	US13/305336	US20130138983	30 May 2013			Use profiling for automating feature control on battery limited devices
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/IB2011/055318	WO2013098580	4 Jul 2013			An efficient and robust method to compute a WCDMA delay profile
RM115276	Family	Filed	9 Jan 2012	9 Jan 2012						On Resource Allocation of Downlink DSD Specific Control Channels
RM115276	GB01	Filed	9 Jan 2012	9 Jan 2012	GB1200276.2	GB2498231	10 Jul 2013			On Resource Allocation of Downlink DSD Specific Control Channels
RM115276	US01	Filed	10 Jan 2012	9 Jan 2012	US13/346859	US20130176950	11 Jul 2013			On Resource Allocation of Downlink DSD Specific Control Channels
RM115277	Family	Filed	5 Jan 2012	5 Jan 2012						The centralized control of the coexistence of multiple LTE networks/operators
RM115277	GB01	Filed	5 Jan 2012	5 Jan 2012	GB1200126.9	GB2498824	7 Aug 2013			The centralized control of the coexistence of multiple LTE networks/operators
RM115277	US01	Filed	9 Jan 2012	5 Jan 2012	US13/346815	US20130176226	11 Jul 2013			The centralized control of the coexistence of multiple LTE networks/operators
RM115276	Family	Filed	9 Mar 2012	9 Mar 2012						Receiver analog baseband filter with transferred impedance stage
RM115276	GB01	Response filed to POA	9 Mar 2012	9 Mar 2012	GB1204084.7	GB2491723	28 Nov 2012			Receiver analog baseband filter with transferred impedance stage
RM115276	US01	Filed	26 Feb 2013	9 Mar 2012	US13/777601					Receiver analog baseband filter with transferred impedance stage
RM115275	Family	Filed	27 Sep 2011	27 Sep 2011						Method for Access Barring and Access Delay Scaling during RAN Overload
RM115275	GB01	Filed	27 Sep 2011	27 Sep 2011	GB1116624.6	GB2496271	10 Apr 2013			Method for Access Barring and Access Delay Scaling during RAN Overload
RM115275	US01	Filed	27 Sep 2011	27 Sep 2011	US13/248358	US20130078986	28 Mar 2013			Method for Access Barring and Access Delay Scaling during RAN Overload
RM115274	Family	Filed	27 Sep 2011	27 Sep 2011						Methods of smart inter-frequency band mobility
RM115274	GB01	Granted	27 Sep 2011	27 Sep 2011	GB1116642.8	GB2484783	25 Apr 2012	GB2484783	18 Oct 2012	Methods of smart inter-frequency band mobility
RM115274	US01	Closed	27 Sep 2011	27 Sep 2011	US13/246285	US20130079899	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	US02	Granted	7 May 2013	27 Sep 2011	US13/472011	US20130079012	28 Mar 2013	US8437754	7 May 2013	Methods of smart inter-frequency band mobility
RM115274	US03	Filed	25 Apr 2013	27 Sep 2011	US13/870043	US20130079012	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	WO02	Filed	26 Sep 2012	27 Sep 2011	PCT/IB2012/055103	WO2013046123	4 Apr 2013			Methods of smart inter-frequency band mobility
RM115272	Family	Filed	3 Nov 2011	3 Nov 2011						Triggering CSI Report via Downlink Grant
RM115272	WO01	POA received	4 Nov 2011	4 Nov 2011	PCT/CN2011/081822	WO2013063802	10 May 2013			Triggering CSI Report via Downlink Grant
RM115271	Family	Filed	27 Dec 2011	27 Dec 2011						Efficient multipath delay estimation and associated path search procedure for mobile communication terminal

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RM115271	WO01	POA received	27 Dec 2011	27 Dec 2011	PCT/IB2011/056319	WO2013098661	4 Jul 2013			Efficient notification, paging procedure for mobile communication terminal
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	GB1116828.7	GB2496618	20 Jun 2012	GB2496618	2 Jan 2013	New network registration method for devices supporting eCall and PSAP callback
RM115270	US01	Filed	27 Sep 2011	27 Sep 2011	US13/245959	US20130078941	28 Mar 2013			New network registration method for devices supporting eCall and PSAP callback
RM115270	WO01	Filed	25 Sep 2012	27 Sep 2011	PCT/IB2012/055104	WO2013046128	4 Apr 2013			New network registration method for devices supporting eCall and PSAP callback
RM115269	Family	Filed	16 Dec 2011	16 Dec 2011						On Resource Allocation of DZD Specific Signals in Future LTE Networks
RM115269	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121711.4	GB2497582	19 Jun 2013			On Resource Allocation of DZD Specific Signals in Future LTE Networks
RM115269	US01	Filed	16 Dec 2011	16 Dec 2011	US13/329521	US20130155967	20 Jun 2013			On Resource Allocation of DZD Specific Signals in Future LTE Networks
RM115268	Family	Filed	24 Oct 2011	24 Oct 2011						Cooperative way for DL-UL TDD configuration determination
RM115268	WO01	POA received	24 Oct 2011	24 Oct 2011	PCT/CN2011/081174	WO2013059978	2 May 2013			Cooperative way for DL-UL TDD configuration determination
RM115266	Family	Filed	20 Oct 2011	20 Oct 2011						Synthesizer locking time improvement
RM115266	GB01	Closed	20 Oct 2011	20 Oct 2011	GB1118128.6					Synthesizer locking time improvement
RM115266	GB02	Filed	12 Oct 2012	20 Oct 2011	GB1218381.0	GB2496241	10 Jul 2013			Synthesizer locking time improvement
RM115266	US01	Filed	20 Oct 2011	20 Oct 2011	US13/277306	US20130099829	25 Apr 2013			Synthesizer locking time improvement
RM115266	WO01	Filed	18 Oct 2012	20 Oct 2011	PCT/IB2012/055897	WO2013057691	25 Apr 2013			Synthesizer locking time improvement
RM115265	Family	Filed	23 Nov 2011	23 Nov 2011						Novel Fixed-device assisted OTAC
RM115265	WO01	Filed	23 Nov 2011	23 Nov 2011	PCT/CN2011/083270	WO2013075294	30 May 2013			Novel Fixed-device assisted OTAC
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/CN2011/083331	WO2013078663	6 Jun 2013			Resource sharing for D2D in unlicensed band
RM115263	Family	Filed	12 Oct 2011	19 May 2011						Amplifier
RM115263	GB01	Granted	12 Oct 2011	19 May 2011	GB1117608.6	GB2487998	15 Aug 2012	GB2487998	20 Mar 2013	Amplifier
RM115263	GB02	Filed	12 Oct 2011	19 May 2011	GB1207237.7	GB2493045	23 Jan 2013			Amplifier
RM115263	US01	Granted	12 Oct 2011	19 May 2011	US13/271705	US20120293258	22 Nov 2012	US8432217	30 Apr 2013	Amplifier
RM115263	US02	Granted	24 Jul 2012	19 May 2011	US13/556552			US8294515	23 Oct 2012	Amplifier
RM115262	Family	Filed	12 Dec 2011	12 Dec 2011						Tx/Rx pattern determination for OTAC in LTE-A System
RM115262	WO01	POA received	12 Dec 2011	12 Dec 2011	PCT/CN2011/083382	WO2013086672	20 Jun 2013			Tx/Rx pattern determination for OTAC in LTE-A System
RM115261	Family	Filed	28 Dec 2011	28 Dec 2011						Effective DZD resource hopping between licensed band and unlicensed band
RM115261	WO01	Filed	28 Dec 2011	28 Dec 2011	PCT/CN2011/084916	WO2013097144	4 Jul 2013			Effective DZD resource hopping between licensed band and unlicensed band
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/CN2011/081129	WO2013059992	2 May 2013			Resilient forwarding mechanism in smart grid
RM115259	Family	Filed	1 Nov 2011	1 Nov 2011						Adaptive A-MPR in inter-band carrier aggregation
RM115259	GB01	POA received	1 Nov 2011	1 Nov 2011	GB1119647.1	GB2496138	8 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	US01	Filed	1 Nov 2011	1 Nov 2011	US13/288270	US20130115997	9 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	WO01	Filed	30 Oct 2012	1 Nov 2011	PCT/IB2012/056035	WO2013064980	10 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115258	Family	Filed	12 Oct 2011	19 May 2011						Amplifier
RM115258	GB01	Response filed to POA	12 Oct 2011	19 May 2011	GB1117607.0	GB2490877	21 Nov 2012			Amplifier
RM115258	US01	Granted	12 Oct 2011	19 May 2011	US13/271696	US8264282	11 Sep 2012	US8264282	11 Sep 2012	Amplifier
RM115258	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052500	WO2012156847	22 Nov 2012			Amplifier
RM115257	Family	Filed	15 Nov 2011	15 Nov 2011						Method for fast return to original PLMN/RAT after CSFB call
RM115257	GB01	Filed	15 Nov 2011	15 Nov 2011	GB1119708.4	GB2496611	22 May 2013			Method for fast return to original PLMN/RAT after CSFB call
RM115257	US01	Granted	17 Nov 2011	15 Nov 2011	US13/298626			US8412190	2 Apr 2013	Method for fast return to original PLMN/RAT after CSFB call
RM115256	Family	Filed	26 Oct 2011	26 Oct 2011						Effectively Pathloss offset calculation scheme for FDD-LTE system

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RM115256	WO01	PCA received	26 Oct 2011	26 Oct 2011	PCT/CN2011/08148 3	WO2013060016	2 May 2013			Effectively Painless design
RM115255	Family	Filed	26 Oct 2011	26 Oct 2011						Flexible Radio Link Measurement on unlicensed band
RM115255	WO01	Filed	26 Oct 2011	26 Oct 2011	PCT/CN2011/08131 9	WO2013059989	2 May 2013			Flexible Radio Link Measurement on unlicensed band
RM115254	Family	Filed	15 Aug 2011	15 Aug 2011						Coordination of DRX and eICIC
RM115254	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209024	US20130045770	21 Feb 2013			Coordination of DRX and eICIC
RM115254	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054156	WO2013024445	21 Feb 2013			Coordination of DRX and eICIC
RM115253	Family	Filed	20 Oct 2011	20 Oct 2011						Method for inter-cell cross link interference avoidance in flexible TDD systems
RM115253	WO01	Filed	20 Oct 2011	20 Oct 2011	PCT/CN2011/08193 8	WO2013058485	25 Apr 2013			Method for inter-cell cross link interference avoidance in flexible TDD systems
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/CN2011/08051 1	WO2013049959	11 Apr 2013			Discovery signal design for D2D operation and OTAC between eNBs
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/CN2011/08451 0	WO2013091229	27 Jun 2013			A Novel Transparent D2D communication scheme in CA scenario
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/CN2011/08222 7	WO2013071486	23 May 2013			Carrier set based spectrum sharing adaptation method
RM115248	Family	Filed	16 Dec 2011	16 Dec 2011						Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115248	IN01	Filed	16 Dec 2011	16 Dec 2011	5C538/MUM/2011	IN/5C538/MU/2011	28 Jun 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115245	Family	Filed	3 Nov 2011	3 Nov 2011						LTE Protocol Architecture for Intelligent Transport System
RM115245	GB01	Filed	3 Nov 2011	3 Nov 2011	GB1119004.9	GB2496125	8 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289544	US20130115954	9 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115245	WO01	Filed	2 Nov 2012	3 Nov 2011	PCT/IB2012/056121	WO2013065022	10 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115244	Family	Filed	15 Aug 2011	15 Aug 2011						Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	GB01	Filed	15 Aug 2011	15 Aug 2011	GB1114029.0	GB2493724	20 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210201	US20130045741	21 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115244	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054153	WO2013024443	21 Feb 2013			Method of E-DCH resource suspension/release for uplink interference avoidance
RM115243	Family	Filed	17 Nov 2011	17 Nov 2011						Reference signal design for downlink tracking in occupied shared band
RM115243	WO01	PCA received	17 Nov 2011	17 Nov 2011	PCT/CN2011/08236 1	WO2013071506	23 May 2013			Reference signal design for downlink tracking in occupied shared band
RM115242	Family	Filed	16 Sep 2011	16 Sep 2011						Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115242	GB01	PCA received	31 Feb 2012	16 Sep 2011	GB1116077.7	GB2494693	20 Mar 2013			Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115242	US01	Filed	16 Sep 2011	16 Sep 2011	US13/234240	US20130072106	21 Mar 2013			Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115241	Family	Filed	15 Aug 2011	15 Aug 2011						Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	GB01	Response filed to PCA	21 Dec 2011	15 Aug 2011	GB1114030.8	GB2493725	20 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209445	US20130045693	21 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054152	WO2013024442	21 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
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/CN2011/08172 0	WO2013063780	10 May 2013			An Efficient way of using Physical Control channel for small data transmission

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RM115239	Family	Filed	15 Aug 2011	15 Aug 2011						Method of E-DCH power control
RM115239	GB01	Filed	15 Aug 2011	15 Aug 2011	GB1114024.1					Method of E-DCH power control for uplink inter-cell interference control
RM115239	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210180	US20130045771	21 Feb 2013			Method of E-DCH power control for uplink inter-cell interference control
RM115238	Family	Filed	9 Nov 2011	9 Nov 2011						Effective solution of handling PUCCH and PRACH collision
RM115238	WO01	PCA received	8 Nov 2011	9 Nov 2011	PCT/CN2011/081999	WO2013067683	16 May 2013			Effective solution of handling PUCCH and PRACH collision
RM115237	Family	Filed	9 Nov 2011	9 Nov 2011						An effective method to enable simultaneous transmission of PRACH and PUCCH
RM115237	WO01	PCA received	8 Nov 2011	9 Nov 2011	PCT/CN2011/081998	WO2013067682	16 May 2013			An effective method to enable simultaneous transmission of PRACH and PUCCH
RM115236	Family	Filed	13 Oct 2011	13 Oct 2011						Signaling optimization for deploying LTE system in White Space
RM115236	WO01	PCA received	13 Oct 2011	13 Oct 2011	PCT/CN2011/080752	WO2013053125	18 Apr 2013			Signaling optimization for deploying LTE system in White Space
RM115235	Family	Filed	26 Aug 2011	26 Aug 2011						Signaling reduction and triggering of offline MTC terminals
RM115235	GB01	Granted	30 Mar 2012	26 Aug 2011	GB1114966.1	GB2488753	27 Jun 2013	GB2488753	4 Sep 2013	Signaling reduction and triggering of offline MTC terminals
RM115235	US01	Granted	31 Aug 2011	26 Aug 2011	US13/222,495	US8244244	14 Aug 2012	US8244244	14 Aug 2012	Signaling reduction and triggering of offline MTC terminals
RM115235	WO01	Filed	26 Aug 2011	26 Aug 2011	PCT/IB2012/054441	WO2013030774	7 Mar 2013			Signaling reduction and triggering of offline MTC terminals
RM115234	Family	Filed	8 Nov 2011	8 Nov 2011						Transmission format for D2D communication
RM115234	WO01	Filed	8 Nov 2011	8 Nov 2011	PCT/CN2011/081993	WO2013067686	16 May 2013			Transmission format for D2D communication
RM115233	Family	Filed	9 Sep 2011	9 Sep 2011						Mechanisms to enable pre-scheduling in flexible TDD system
RM115232	WO01	PCA received	8 Sep 2011	8 Sep 2011	PCT/CN2011/079547	WO2013036916	14 Mar 2013			Mechanisms to enable pre-scheduling in flexible TDD 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/CN2011/079954	WO2013040752	28 Mar 2013			Enhanced MAC padding for small packet transmission
RM115230	Family	Filed	27 Sep 2011	27 Sep 2011						Cellular Assisted Intelligent Transport System
RM115230	GB01	Filed	27 Sep 2011	27 Sep 2011	GB1116648.2	GB2495836	29 May 2013			Cellular Assisted Intelligent Transport System
RM115230	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246463	US20130079040	28 Mar 2013			Cellular Assisted Intelligent Transport System
RM115230	WO01	Filed	27 Sep 2012	27 Sep 2011	PCT/IB2012/055167	WO2013046154	4 Apr 2013			Cellular Assisted Intelligent Transport System
RM115227	Family	Filed	26 Oct 2011	26 Oct 2011						Multiple SIM ? mapping of SIMs to baseband capability
RM115227	GB01	Filed	26 Oct 2011	26 Oct 2011	GB1118661.4	GB2496665	1 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115227	US01	Response filed to PCA	31 Oct 2011	26 Oct 2011	US13/285526	US20130109436	2 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115227	WO01	Filed	25 Oct 2012	26 Oct 2011	PCT/IB2012/055866	WO2013061275	2 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115226	Family	Filed	1 Aug 2011	1 Aug 2011						Enhanced Interference Coordination for Paging
RM115226	GB01	PCA received	14 Dec 2011	1 Aug 2011	GB1113982.4	GB2488848	12 Sep 2012			Enhanced Interference Coordination for Paging
RM115226	US01	Filed	3 Aug 2011	1 Aug 2011	US13/197642	US20130034021	7 Feb 2013			Enhanced Interference Coordination for Paging
RM115226	WO01	Filed	1 Aug 2011	1 Aug 2011	PCT/IB2012/053804	WO2013018037	7 Feb 2013			Enhanced Interference Coordination for Paging
RM115223	Family	Filed	10 Aug 2011	10 Aug 2011						Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
RM115223	WO01	PCA received	10 Aug 2011	10 Aug 2011	PCT/CN2011/078023	WO2013020279	14 Feb 2013			Efficient Way of Triggering Rank-2 Transmissions for CSI Reporting
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	GB1114439.0	GB2493261	25 Sep 2012	GB2493261	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	US13/214526	US20130053093	28 Feb 2013			Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US02	Granted	20 Jul 2012	22 Aug 2011	US13/554764	US20130053037	28 Feb 2013	US8385919	26 Feb 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US03	Granted	23 Jan 2013	22 Aug 2011	US13/748130	US2013/130692	23 May 2013	US8467798	18 Jun 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	WO01	Filed	22 Aug 2011	22 Aug 2011	PCT/IB2012/054242	WO2013027183	28 Feb 2013			Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115220	Family	Filed	19 Dec 2011	19 Dec 2011						EUTRAN Support for D2D Discovery Signal Verification

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RM115220	GB01	POA received	19 Dec 2011	19 Dec 2011	GB1121778.7	GB2497745	26 Jun 2013			
RM115220	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330991	US20130150101	20 Jun 2013			
RM115220	WO01	Filed	12 Dec 2012	19 Dec 2011	PCT/IB2012/057343	WO2013093728	27 Jun 2013			E-UTRAN support for D2D Discovery Signal Transmission
RM115219	Family	Filed	17 Nov 2011	17 Nov 2011						E-UTRAN Support for D2D Discovery Signal Transmission
RM115219	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119685.0	GB2496651	22 May 2013			SIP/module parameters download from a server to meet a communication device type approval
RM115219	US01	Filed	21 Nov 2011	17 Nov 2011	US13/301185	US20130130634	23 May 2013			SIP/module parameters download from a server to meet a communication device type approval
RM115218	Family	Filed	11 Nov 2011	11 Nov 2011						SIP/module parameters download from a server to meet a communication device type approval
RM115218	GB01	POA received	11 Nov 2011	11 Nov 2011	GB1119612.0	GB2497916	3 Jul 2013			Methods for Discovery Function in Device-to-Device Communication
RM115218	US01	Filed	14 Nov 2011	11 Nov 2011	US13/295282	US20130122859	16 May 2013			Methods for Discovery Function in Device-to-Device Communication
RM115216	Family	Filed	16 Aug 2011	16 Aug 2011						Methods for Discovery Function in Device-to-Device Communication
RM115216	GB01	Response filed to POA	26 Mar 2012	16 Aug 2011	GB1113090.3	GB2493792	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	US13/210616	US20130044669	21 Feb 2013			Method to distribute a common timing reference and activity times in MTC system
RM115216	US02	Granted	22 Mar 2012	16 Aug 2011	US13/427553	US20130044661	21 Feb 2013	US8437385	7 May 2013	Method to distribute a common timing reference and activity times in MTC system
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	GB2497281	5 Jun 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115215	US01	Filed	2 Dec 2011	25 Nov 2011	US13/310096	US20130137475	30 May 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115214	Family	Filed	18 Oct 2011	18 Oct 2011						An efficient data dissemination method for mobile sink in the wireless sensor networks
RM115214	WO01	Filed	18 Oct 2011	18 Oct 2011	PCT/CN2011/080916	WO2013058816	25 Apr 2013			An efficient data dissemination method for mobile sink in the wireless sensor networks
RM115213	Family	Filed	2 Sep 2011	2 Sep 2011						Signal Reusing LNA
RM115213	GB01	POA received	2 Sep 2011	2 Sep 2011	GB1115183.4	GB2486515	20 Jun 2012	GB2486515	14 Nov 2012	Signal Reusing LNA
RM115213	US01	Granted	2 Sep 2011	2 Sep 2011	US13/224436	US20130057350	7 Mar 2013	US8427239	23 Apr 2013	Signal Reusing LNA
RM115213	US02	Granted	20 Jun 2012	2 Sep 2011	US13/528212	US20130057346	7 Mar 2013	US8436684	7 May 2013	Signal Reusing LNA
RM115212	Family	Filed	12 Sep 2011	12 Sep 2011						Signaling method for joint controlled and non-controlled buffer status reporting
RM115212	GB01	Filed	12 Sep 2011	12 Sep 2011	GB1115859.8	GB2494633	20 Mar 2013			Signaling method for joint controlled and non-controlled buffer status reporting
RM115212	US01	Filed	12 Sep 2011	12 Sep 2011	US13/192909	US20130064109	14 Mar 2013			Signaling method for joint controlled and non-controlled buffer status reporting
RM115211	Family	Filed	12 Oct 2011	19 May 2011						Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB01	Filed	12 Oct 2011	19 May 2011	GB1117606.2	GB2490976	21 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB02	Granted	12 Oct 2011	19 May 2011	GB1206423.4	GB2490986	21 Nov 2012	GB2490986	15 May 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	TW01	Filed	16 May 2012	19 May 2011	TW101117128	TW201248116	1 Dec 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	US01	Granted	15 Oct 2011	19 May 2011	US13/271530	US20130295855	22 Nov 2012	US8514021	20 Aug 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052496	WO2012156946	22 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115210	Family	Filed	28 Nov 2011	28 Nov 2011						Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	GB01	Filed	28 Nov 2011	28 Nov 2011	GB1120544.0	GB2497090	5 Jun 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	US01	Filed	2 Dec 2011	28 Nov 2011	US13/309992	US20130136115	30 May 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	WO01	Filed	28 Nov 2012	28 Nov 2011	PCT/IB2012/056628	WO2013080088	6 Jun 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115209	Family	Filed	27 Sep 2011	27 Sep 2011						Higher rank MIMO for distributed antenna arrays
RM115209	GB01	Filed	27 Sep 2011	27 Sep 2011	GB1116423.9	GB2491423	5 Dec 2012	GB2491423	5 Jun 2013	Higher rank MIMO for distributed antenna arrays
RM115209	GB02	Filed	22 Jun 2012	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	US13/246326	US20130077707	28 Mar 2013			Higher rank MIMO for distributed antenna arrays

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RM115208	Family	Filed	25 Nov 2011	25 Nov 2011						Communication in White Space Spectrum Bands
RM115208	WO01	Filed	25 Nov 2011	25 Nov 2011	PCT/CN2011/083268	WO2013075340	30 May 2013			Channel and Radio Resource Grid Partition for Device-to-Device Communication in White Space Spectrum Bands
RM115206	Family	Filed	14 Dec 2011	14 Dec 2011						Coexistence of LTE with WLAN in the shared band
RM115206	GB01	POA received	14 Dec 2011	14 Dec 2011	GB1121434.3	GB2497586	19 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	US01	Filed	15 Dec 2011	14 Dec 2011	US13/327265	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	WO2013088347	20 Jun 2013			Coexistence of LTE with WLAN in the shared band
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	GB1118709.5	GB2496991	1 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115205	US01	Filed	1 Nov 2011	28 Oct 2011	US13/288353	US20130107716	2 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115204	Family	Filed	8 Dec 2011	8 Dec 2011						The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	GB01	POA received	8 Dec 2011	8 Dec 2011	GB1121137.2	GB2497318	19 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	US01	Filed	8 Dec 2011	8 Dec 2011	US13/311923	US20130148640	13 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115203	Family	Filed	15 Aug 2011	15 Aug 2011						UE assistanted TA group configuration
RM115203	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/CN2011/078442	WO2013023364	21 Feb 2013			UE assistanted TA group configuration
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	GB1118437.0	GB2490978	21 Nov 2012	GB2490978	12 Jun 2013	An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	US01	Granted	22 Nov 2011	10 Nov 2011	US13/301624			US8385961	26 Feb 2013	An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	US02	Filed	22 Nov 2011	10 Nov 2011	US13/777385	US20130155106	20 Jun 2013			An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	WO01	POA received	15 Oct 2012	10 Nov 2011	PCT/IB2012/002047	WO2013068798	16 May 2013			An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115201	Family	Filed	26 Aug 2011	26 Aug 2011						Method to speed up cell search in TD-SCDMA
RM115201	WO01	Filed	26 Aug 2011	26 Aug 2011	PCT/IB2011/01954	WO2013033829	7 Mar 2013			Method to speed up cell search in TD-SCDMA
RM115200	Family	Filed	14 Nov 2011	14 Nov 2011						The enhanced 802.11 receiver via retransmission diversity
RM115200	GB01	POA received	14 Nov 2011	14 Nov 2011	GB1119629.2	GB2496854	15 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115200	US01	Filed	16 Nov 2011	14 Nov 2011	US13/297409	US20130121325	16 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115199	Family	Filed	2 Nov 2011	2 Nov 2011						Resource allocation signaling method for D2D discovery
RM115199	GB01	POA received	2 Nov 2011	2 Nov 2011	GB1118528.9	GB2496153	8 May 2013			Resource allocation signaling method for D2D discovery
RM115199	US01	Filed	3 Nov 2011	2 Nov 2011	US13/288328	US20130109383	2 May 2013			Resource allocation signaling method for D2D discovery
RM115198	Family	Filed	15 Aug 2011	15 Aug 2011						A radio receiver for the reception of carriers with power imbalance
RM115198	GB01	Granted	15 Aug 2011	15 Aug 2011	GB1114074.6	GB2492605	9 Jan 2013	GB2492605	5 Jun 2013	A radio receiver for the reception of carriers with power imbalance
RM115198	US01	Filed	15 Aug 2011	15 Aug 2011	US13/208793	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/IB2012/054168	WO2013024450	21 Feb 2013			A radio receiver for the reception of carriers with power imbalance
RM115197	Family	Filed	24 Aug 2011	24 Aug 2011						RACH resource selection mechanisms in CC specific TDD configuration
RM115197	WO01	Filed	24 Aug 2011	24 Aug 2011	PCT/CN2011/001417	WO2013026184	28 Feb 2013			RACH resource selection mechanisms in CC specific TDD configuration
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/CN2011/077754	WO2013016982	7 Feb 2013			Extended Paging to Carry Small Downlink Data
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/CN2011/082216	WO2013071478	23 May 2013			Methods and apparatus for UE-assisted packet transmission termination in converged cellular and wireless sensor networks
RM115193	Family	Filed	8 Aug 2011	8 Aug 2011						Way of Improving Resource Efficiency for E-PDCCH
RM115193	WO01	Filed	8 Aug 2011	8 Aug 2011	PCT/CN2011/078120	WO2013020268	14 Feb 2013			Way of Improving Resource Efficiency for E-PDCCH
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	23 Feb 2012	GB2492991	12 Sep 2012	Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding

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RM115192	US01	Closed	24 Aug 2011	24 Aug 2011	US13/216379	US20130051356	28 Feb 2013			Channels Through Rate Adaptation and Network Coding
RM115192	US02	Filed	13 Mar 2013	24 Aug 2011	US13/416749	US20130051398	28 Feb 2013			Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115181	Family	Filed	7 Oct 2011	7 Oct 2011						Interfacing DigRFv4 to LVDS
RM115181	GB01	POA received	7 Oct 2011	7 Oct 2011	GB1117364.6	GB2495329	10 Apr 2013			Interfacing DigRFv4 to LVDS
RM115181	US01	Filed	7 Oct 2011	7 Oct 2011	US13/268396	US20130090148	11 Apr 2013			Interfacing DigRFv4 to LVDS
RM115186	Family	Filed	26 Jul 2011	26 Jul 2011						Optimization for Wireless Communication Method
RM115186	GB01	POA received	30 Mar 2012	26 Jul 2011	GB1119308.5	GB2488847	12 Sep 2012			Optimization for Wireless Communication Method
RM115189	US01	Filed	26 Jul 2011	26 Jul 2011	US13/193050	US20130028177	31 Jan 2013			Optimization for Wireless Communication Method
RM115189	WO01	Filed	26 Jul 2011	26 Jul 2011	PCT/IB2012/053822	WO2013014641	31 Jan 2013			Optimization for Wireless Communication Method
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/CN2011/079849	WO2013033907	14 Mar 2013			White Space-assisted Inter-Cell Interference Coordination in LTE networks deployed in White Space
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/CN2011/077773	WO2013013412	31 Jan 2013			A method of quickly frequency switch between cellular band and shared band
RM115185	Family	Filed	30 Aug 2011	30 Aug 2011						On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115185	GB01	Filed	30 Aug 2011	30 Aug 2011	GB1114892.1	GB2494134	6 Mar 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115185	US01	Filed	30 Aug 2011	30 Aug 2011	US13/221343	US20130051277	28 Feb 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115185	WO01	Filed	29 Aug 2012	30 Aug 2011	PCT/IB2012/054433	WO2013030773	7 Mar 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115185	Family	Filed	31 Aug 2011	31 Aug 2011						Spatial hashing for enhanced PDCCH search spaces
RM115185	GB01	POA received	2 Sep 2011	31 Aug 2011	GB1115187.4	GB2494204	13 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115185	US01	Filed	2 Sep 2011	31 Aug 2011	US13/224828	US20130058295	7 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115185	WO01	Filed	31 Aug 2012	31 Aug 2011	PCT/IB2012/054487	WO2013030783	7 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115184	Family	Filed	15 Jul 2011	15 Jul 2011						Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115184	GB01	Granted	15 Jul 2011	15 Jul 2011	GB1112190.2	GB2493497	13 Feb 2013	GB2493497	31 Jul 2013	Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115184	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183542	US20130016648	17 Jan 2013			Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115183	Family	Filed	5 Aug 2011	5 Aug 2011						Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115183	GB01	POA received	12 Dec 2011	5 Aug 2011	GB1113552.2	GB2493394	6 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115183	US01	Filed	5 Aug 2011	5 Aug 2011	US13/204873	US20130034082	7 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115182	Family	Filed	12 Sep 2011	12 Sep 2011						On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115182	GB01	POA received	12 Sep 2011	12 Sep 2011	GB1115706.2	GB2494468	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	US13/199648	US20130064138	14 Mar 2013			On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115182	WO01	Filed	12 Sep 2011	12 Sep 2011	PCT/IB2012/054692	WO2013038325	21 Mar 2013			On Common Resource Allocation and Joining into The Discovery Function for Device-to-Device Communication
RM115181	Family	Filed	28 Jul 2011	28 Jul 2011						Signaling and procedure design for TD-LTE cluster contending with WLAN on ISM bands
RM115181	WO01	POA received	28 Jul 2011	28 Jul 2011	PCT/CN2011/077772	WO2013013409	31 Jan 2013			Signaling and procedure design for TD-LTE cluster contending with WLAN on ISM bands
RM115179	Family	Filed	25 Jul 2011	25 Jul 2011						Method of autonomous fallback from CELL_FACH to CELL_PCH state

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RM115178	GB01	Filed	25 Jul 2011	25 Jul 2011	GB1112737.9	GB2493332	6 Feb 2013			Method of autonomous fallback from CELL_FACH to IDLE state
RM115178	US01	Filed	26 Jul 2011	25 Jul 2011	US13190794	US20130028251	31 Jan 2013			Retransmission-less Acknowledged Mode RLC
RM115177	Family	Filed	8 Aug 2011	8 Aug 2011						Retransmission-less Acknowledged Mode RLC
RM115177	GB01	POA received	26 Nov 2011	8 Aug 2011	GB1113664.5	GB2494778	25 Apr 2013			Retransmission-less Acknowledged Mode RLC
RM115177	US01	Filed	8 Aug 2011	8 Aug 2011	US13/205216	US20130039192	14 Feb 2013			Retransmission-less Acknowledged Mode RLC
RM115177	US02	POA received	15 May 2012	8 Aug 2011	US13/471840	US20130039269	14 Feb 2013			Methods of uplink resource selection
RM115176	Family	Filed	12 Aug 2011	12 Aug 2011						Methods of uplink resource selection
RM115176	GB01	Granted	12 Aug 2011	12 Aug 2011	GB1113677.3	GB2494873	21 Nov 2012	GB2494873	5 Jun 2013	Methods of uplink resource selection
RM115176	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208701	US20130039237	14 Feb 2013			Methods of uplink resource selection
RM115176	US02	Granted	29 Dec 2011	12 Aug 2011	US13/339458	US20130039354	14 Feb 2013	US8547902	7 May 2013	Methods of uplink resource selection
RM115176	US03	Filed	1 Mar 2013	12 Aug 2011	US13/782750	US20130178222	11 Jul 2013			Methods of uplink resource selection
RM115176	WO01	Filed	10 Aug 2012	12 Aug 2011	PCT/IB2012/054095	WO2013024419	21 Feb 2013			Shared Memory Access Controller
RM115175	Family	Filed	14 Oct 2011	14 Oct 2011						Shared Memory Access Controller
RM115175	GB01	Granted	14 Oct 2011	14 Oct 2011	GB1117748.9	GB2496753	14 Nov 2012	GB2496753	27 Mar 2013	Shared Memory Access Controller
RM115175	US01	Filed	14 Oct 2011	14 Oct 2011	US13/279422	US20130091300	18 Apr 2013			Shared Memory Access Controller
RM115175	US02	Granted	12 Oct 2012	14 Oct 2011	US13/650935	US20130097394	18 Apr 2013	US8521948	27 Aug 2013	Search Space Redefinition for CC-specific TDD UL/DL Configurations
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/CN2011/07706 8	WO2013009316	17 Jan 2013			Effective solution to measure TA on extension carrier
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/CN2011/00141 6	WO2013/026183	28 Feb 2013			Mechanisms to enable fast switching between CA and MIMO in LTE-Advanced
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/CN2011/07754 8	WO2013013328	31 Jan 2013			C-RNTI multiplexing by time division
RM115171	Family	Filed	11 Jul 2011	11 Jul 2011						C-RNTI multiplexing by time division
RM115171	GB01	Filed	11 Jul 2011	11 Jul 2011	GB1111893.6	GB2493128	30 Jan 2013			C-RNTI multiplexing by time division
RM115171	US01	Closed	11 Jul 2011	11 Jul 2011	US13/179515	US20130016703	17 Jan 2013			Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115169	Family	Filed	20 Jul 2011	20 Jul 2011						Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115169	WO01	POA received	20 Jul 2011	20 Jul 2011	PCT/CN2011/07736 8	WO2013010323	24 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115168	Family	Filed	15 Jul 2011	15 Jul 2011						Virtual X2 via 802.19.1 Co-existence Manager
RM115168	GB01	POA received	15 Jul 2011	15 Jul 2011	GB1112153.5	GB2492840	16 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115168	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183940	US20130017837	17 Jan 2013			Virtual X2 via 802.19.1 Co-existence Manager
RM115168	WO01	Filed	13 Jul 2012	15 Jul 2011	PCT/IB2012/053630	WO2013011439	24 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	Family	Filed	5 Jul 2011	5 Jul 2011						Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	GB01	Filed	5 Jul 2011	5 Jul 2011	GB1111744.7	GB2492600	9 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	US01	Filed	5 Jul 2011	5 Jul 2011	US13/176808	US20130010709	10 Jan 2013			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115167	WO01	Filed	5 Jul 2011	5 Jul 2011	PCT/IB2012/053443	WO2013008153	17 Jan 2013			Interference mitigation via channel reservation in LA TDD network
RM115166	Family	Filed	8 Jul 2011	8 Jul 2011						Interference mitigation via channel reservation in LA TDD network
RM115166	WO01	POA received	8 Jul 2011	8 Jul 2011	PCT/CN2011/07709 3	WO2013/007010	17 Jan 2013			Power Control Enhancement in LA TDD network
RM115164	Family	Filed	5 Jul 2011	5 Jul 2011						Power Control Enhancement in LA TDD network
RM115163	WO01	POA received	5 Jul 2011	5 Jul 2011	PCT/CN2011/07596 5	WO2013004067	10 Jan 2013			Enabling efficient ad hoc network operation on Television White Spaces
RM115161	Family	Filed	18 Jul 2011	18 Jul 2011						Enabling efficient ad hoc network operation on Television White Spaces
RM115161	GB01	Response filed to POA	18 Jul 2011	18 Jul 2011	GB1112343.7	GB2492984	23 Jan 2013			

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Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Title
RM115160	USB1	Filed	18 Jul 2011	18 Jul 2011	US13/184,732	US2013/0022202	24 Jan 2013		Tracking Area Optimization
RM115160	Family	Filed	7 Jul 2011	7 Jul 2011					Presence
RM115160	GB01	Filed	7 Jul 2011	7 Jul 2011	GB1111627.4	GB2492984A	9 Jan 2013		Extended Proximity Indication for CSG cells
RM115160	USB1	Filed	7 Jul 2011	7 Jul 2011	US13/177,926	US2013/0013767	10 Jan 2013		Extended Proximity Indication for CSG cells
RM115160	WO01	Filed	5 Jul 2012	7 Jul 2011	PCT/IB2012/053425	WO2013/005175	10 Jan 2013		Extended Proximity Indication for CSG cells
RM115159	Family	Filed	5 Jul 2011						Extended Proximity Indication for CSG cells
RM115158	GB01	Filed	5 Jul 2011	5 Jul 2011	GB1111667.8	GB2492983	9 Jan 2013		Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	US01	Filed	5 Jul 2011	5 Jul 2011	US13/176,169	US2013/0010880	10 Jan 2013		Feedback framework for MIMO operation in Heterogeneous Networks
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	GB1113988.2		GB2494192	6 Mar 2013		Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115156	US01	In-fact	30 Aug 2011	US13/221,256		US2013/0051358	28 Feb 2013		Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115157	WO01	Filed	4 Jul 2011	PCT/IB2011/053003		WO2013/004302	10 Jan 2013		RACH optimization for LTE-Advance Local Area Deployment
RM115155	Family	Filed	4 Jul 2011	4 Jul 2011					RACH optimization for LTE-Advance Local Area Deployment
RM115155	WO01	PCA received	26 Jul 2011	PCT/IB2011/053162					A new way to get TA for LTE system deployed in White Space
RM115153	Family	Filed	15 Jun 2011	15 Jun 2011		WO2013/018390	31 Jan 2013		A new way to get TA for LTE system deployed in White Space
RM115154	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1111011.8	GB2491989	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	US13/160,552	US2012/0322474	20 Dec 2012		Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115153	Family	Filed	8 Aug 2011	8 Aug 2011					Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115153	JP01	Filed	17 Aug 2011	8 Aug 2011	JP2011178361	JP2013042407	28 Feb 2013		Optimizing UE operation in FACH/RACH or HS-FACH/RACH mode
RM115152	WO01	Filed	8 Aug 2011	8 Aug 2011	PCT/IB2011/053492	WO2013/054227	21 Feb 2013		Optimizing UE operation in FACH/RACH or HS-FACH/RACH mode
RM115152	Family	Filed	16 May 2011	8 Aug 2011					Optimizing UE operation in FACH/RACH or HS-FACH/RACH mode
RM115152	GB01	POA received	16 May 2011	GB1108156.4		GB2489757	10 Oct 2012		BEP measurements for VAMOS
RM115152	US01	Closed	16 May 2011	US13/108,852		US2012/0264469	18 Oct 2012		BEP measurements for VAMOS
RM115153	WO01	Granted	13 Oct 2011	16 May 2011	US13/272,196	US2012/0289232	15 Nov 2012		BEP measurements for VAMOS
RM115153	WO01	Filed	16 May 2012	16 May 2011	PCT/IB2012/052471	WO2012/156843	22 Nov 2012	1 Jan 2013	BEP measurements for VAMOS
RM115151	Family	Filed	27 Jul 2011	27 Jul 2011					BEP measurements for VAMOS
RM115151	GB01	Filed	27 Jul 2011	27 Jul 2011	GB1113218.4	GB2493165	30 Jan 2013		Reduced measurement and reporting in UE
RM115151	US01	Filed	27 Jul 2011	27 Jul 2011	US13/191,691	US2013/0028097	31 Jan 2013		Reduced measurement and reporting in UE
RM115147	Family	Filed	26 Aug 2011	26 Aug 2011					Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	GB01	PCA received	26 Aug 2011	26 Aug 2011	GB1114816.0	GB2493998	27 Feb 2013		Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	US01	Filed	26 Aug 2011	26 Aug 2011	US13/218,634	US2013/0051393	28 Feb 2013		Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115147	WO01	Filed	24 Aug 2012	26 Aug 2011	PCT/IB2012/054389	WO2013/030733	7 Mar 2013		Channelization Design for LTE on ISM using a piece-wise Hopping for Control Channels and Listen-Before-Talk type Access for Data Channels
RM115148	Family	Filed	27 Jun 2011	27 Jun 2011					Reverse Scheduling Mechanisms
RM115148	GB03	Filed	27 Jun 2011	27 Jun 2011	GB1110668.0	GB2493334	2 Jan 2013		Reverse Scheduling Mechanisms
RM115148	US01	Filed	27 Jun 2011	27 Jun 2011	US13/169,938	US2012/0327867	27 Dec 2012		Reverse Scheduling Mechanisms
RM115144	Family	Filed	21 Jun 2011	21 Jun 2011					Cell-based dynamic configuration method for pilotless small-data transmission of registered M2M devices

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RM115144	WO01	POA received	21 Jun 2011	21 Jun 2011	PCT/CN2011/075020	WO2012174709	27 Dec 2012			[illegible] transmission of [illegible]
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	WO2012174722	27 Dec 2012			Virtual SIM: A secure and energy-saved communication mechanism
RM115142	Family	Filed	22 Jun 2011	22 Jun 2011						MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115142	GB01	Filed	22 Jun 2011	22 Jun 2011	GB1110562.4	GB2492122	26 Dec 2012			MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115142	US01	Filed	22 Jun 2011	22 Jun 2011	US13/166884	US20120329407	27 Dec 2012			MIMO Antenna system arrangement to optimize envelope correlation coefficient
RM115141	Family	Filed	17 Nov 2011	17 Nov 2011						On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	GB01	POA received	17 Nov 2011	17 Nov 2011	GB1119884.9	GB2496646	22 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	US01	Filed	18 Nov 2011	17 Nov 2011	US13/299943	US20130128823	23 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115141	US02	Filed	16 Nov 2012	17 Nov 2011	US13/678890	US20130128830	23 May 2013			On Efficient Data and Feedback Resource Mapping for Shifted Sequence based Dynamic Data Transmission Resource Allocation
RM115140	Family	Filed	29 Jun 2011	29 Jun 2011						Discrimination between UE mobility classes
RM115140	GB01	Granted	29 Jun 2011	29 Jun 2011	GB1111068.9	GB2489537	3 Oct 2012	GB2489537	5 Jun 2013	Discrimination between UE mobility classes
RM115140	GB02	Granted	29 Jun 2011	29 Jun 2011	GB1205686.5	GB2492616	9 Jan 2013	GB2492616	5 Jun 2013	Discrimination between UE mobility classes
RM115140	US01	Filed	29 Jun 2011	29 Jun 2011	US13/173188	US20130005381	3 Jan 2013			Discrimination between UE mobility classes
RM115139	Family	Filed	30 Sep 2011	30 Sep 2011						Inheriting of UE mobility state between EUTRAN and other RATs
RM115139	GB01	Filed	30 Sep 2011	30 Sep 2011	GB1116818.2	GB2495093	10 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115139	US01	Filed	30 Sep 2011	30 Sep 2011	US13/249583	US20130084842	4 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115138	Family	Filed	2 May 2011	2 May 2011						CSI-RS density enhancement
RM115138	GB01	Closed	3 May 2011	2 May 2011	GB1107383.2					CSI-RS density enhancement
RM115138	GB02	Filed	1 Sep 2011	2 May 2011	GB1115130.5	GB2490750	14 Nov 2012			CSI-RS density enhancement
RM115138	US01	Granted	2 May 2011	2 May 2011	US13/098873	US20120282935	8 Nov 2012	US8289917	16 Oct 2012	CSI-RS density enhancement
RM115138	WO01	Filed	1 May 2012	2 May 2011	PCT/IB2012/050173	WO2012150549	8 Nov 2012			CSI-RS density enhancement
RM115135	Family	Filed	15 Aug 2011	15 Aug 2011						LTE security and bearer context hibernation for low periodicity packet transmission
RM115135	GB01	POA received	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	US13/209819	US20130042821	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	WO2013024439	21 Feb 2013			LTE security and bearer context hibernation for low periodicity packet transmission
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	POA received	31 Aug 2011	19 Aug 2011	GB1115028.1	GB2493785	20 Feb 2013			Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US01	Filed	19 Aug 2011	19 Aug 2011	US61/525371					Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US02	Granted	8 Jan 2013	19 Aug 2011	US13/222074	US20130046765	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	US20130130698	23 May 2013			Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115133	Family	Filed	19 May 2011	19 May 2011						Configurable Low Noise Amplifier
RM115133	GB01	Granted	19 May 2011	19 May 2011	GB1108444.2	GB2481487	28 Dec 2011	GB2481487	29 Aug 2012	Configurable Low Noise Amplifier
RM115133	GB02	Granted	19 May 2011	19 May 2011	GB1119782.9	GB2490979	21 Nov 2012	GB2490979	29 May 2013	Configurable Low Noise Amplifier
RM115133	TW01	Filed	18 May 2012	19 May 2011	TW101117927	TW201301749	1 Jan 2013			Configurable Low Noise Amplifier
RM115133	US01	Granted	19 May 2011	19 May 2011	US13/111423	US20120293262	22 Nov 2012	US8378748	19 Feb 2013	Configurable Low Noise Amplifier
RM115133	US02	Granted	1 Dec 2011	19 May 2011	US13/308772	US20120293250	22 Nov 2012	US8319555	27 Nov 2012	Configurable Low Noise Amplifier
RM115133	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052496	WO2012156945	22 Nov 2012			Configurable Low Noise Amplifier

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Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number		
RM115132	Family	Filed	23 Aug 2011	23 Aug 2011						system
RM115132	GB01	Closed	23 Aug 2011	23 Aug 2011	GB1114586.3	GB2494111	6 Mar 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	US01	Closed	23 Aug 2011	23 Aug 2011	US13/215877	US20130065562	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	WO01	Filed	23 Aug 2012	23 Aug 2011	PCT/IB2012/054218	WO2013027172	28 Feb 2013			Flexible LTE system utilization on unlicensed band
RM115129	Family	Filed	14 Jul 2011	14 Jul 2011						Flexible LTE system utilization on unlicensed band
RM115129	WO01	POA received	14 Jul 2011	14 Jul 2011	PCT/CN2011/00116 7	WO2013005888	17 Jan 2013			Methods for CQI report in LA TDD network with flexible TDD configuration
RM115128	Family	Filed	9 Jun 2011	9 Jun 2011						Methods for CQI report in LA TDD network with flexible TDD configuration
RM115128	WO01	POA received	9 Jun 2011	9 Jun 2011	PCT/CN2011/07550 2	WO2012167431	13 Dec 2012			Dual-SIM power reduction by combining operations
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	GB1110988.3	GB2492536	9 Jan 2013	GB2492536	29 May 2013	Dual-SIM power reduction by combining operations
RM115126	US01	Filed	28 Jun 2011	28 Jun 2011	US13/178988	US20130005394	3 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115125	Family	Filed	6 Jul 2011	6 Jul 2011						A method to avoid radio interference in multiple RF multiple SIM device
RM115125	GB01	Filed	6 Jul 2011	6 Jul 2011	GB1111564.9	GB2492577	9 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115125	US01	Filed	6 Jul 2011	6 Jul 2011	US13/178841	US20130012135	10 Jan 2013			Feedback Design of Hierarchical Coordinated Multipoint Transmission
RM115124	Family	Filed	8 Jun 2011	8 Jun 2011						Feedback Design of Hierarchical Coordinated Multipoint Transmission
RM115124	WO01	POA received	8 Jun 2011	8 Jun 2011	PCT/CN2011/07564 2	WO2012167428	13 Dec 2012			Methods to reduce interference from/to DL control and CRS in LA TDD network with flexible TDD configuration
RM115123	Family	Filed	3 May 2011	3 May 2011						Methods to reduce interference from/to DL control and CRS in LA TDD network with flexible TDD configuration
RM115123	WO01	Filed	3 May 2011	3 May 2011	PCT/CN2011/07366 8	WO2012149673	8 Nov 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	Family	Filed	23 Jun 2011	23 Jun 2011						Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	GB01	POA received	23 Jun 2011	23 Jun 2011	GB1110626.3	GB2492328	2 Jan 2013			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	US01	Filed	23 Jun 2011	23 Jun 2011	US13/166913	US20120327894	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	US02	Filed	1 Dec 2011	23 Jun 2011	US13/308876	US20120327835	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115122	WO01	Filed	25 Jun 2012	23 Jun 2011	PCT/IB2012/053203	WO2012175179	27 Dec 2012			Compressed Group RACH Access and Management
RM115121	Family	Filed	2 May 2011	2 May 2011						Compressed Group RACH Access and Management
RM115121	US01	Filed	2 May 2011	2 May 2011	US13/068088	US20120281679	8 Nov 2012			Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier types
RM115120	Family	Filed	7 Jun 2011	7 Jun 2011						Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier types
RM115120	WO01	POA received	7 Jun 2011	7 Jun 2011	PCT/CN2011/07538 1	WO2012167437	13 Dec 2012			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	Family	Filed	28 Jun 2011	28 Jun 2011						Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	GB01	Granted	30 Jun 2011	28 Jun 2011	GB1111160.6	GB2480930	7 Dec 2011	GB2480930	16 May 2012	Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	US01	Closed	30 Jun 2011	28 Jun 2011	US13/173767	US20130005395	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	US02	Filed	13 Feb 2012	28 Jun 2011	US13/371977	US20130005398	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	WO01	Filed	28 Jun 2011	28 Jun 2011	PCT/IB2012/053275	WO2013001493	3 Jan 2013			

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RM115117	Family	Filed	8 Jun 2011	8 Jun 2011						System information Cache
RM115117	GB01	PCA received	8 Jun 2011	8 Jun 2011	GB1109593.2	GB2491617	12 Dec 2012			System information Cache
RM115117	US01	Filed	8 Jun 2011	8 Jun 2011	US13/155510	US20120315910	13 Dec 2012			System information Cache
RM115117	US02	Granted	18 Oct 2011	8 Jun 2011	US13/275885	US20120315945	13 Dec 2012	US8364144	29 Jan 2013	System information Cache
RM115115	Family	Filed	18 Jul 2011	18 Jul 2011						CSI Measurement and Reporting for Segment Carrier
RM115115	WO01	PCA received	18 Jul 2011	18 Jul 2011	PCT/CN2011/07733 1	WO2013010321	24 Jan 2013			CSI Measurement and Reporting for Segment Carrier
RM115114	Family	Filed	12 Jul 2011	12 Jul 2011						AGC control for eICIC
RM115114	GB01	Granted	12 Jul 2011	12 Jul 2011	GB1111933.6	GB2492784	16 Jan 2013	GB2492784	17 Jul 2013	AGC control for eICIC
RM115114	US01	Granted	12 Jul 2011	12 Jul 2011	US13/180791	US20130017799	17 Jan 2013	US8494467	23 Jul 2013	AGC control for eICIC
RM115114	WO01	Filed	11 Jul 2012	12 Jul 2011	PCT/IB2012/053543	WO2013008190	17 Jan 2013			AGC control for eICIC
RM115113	Family	Filed	2 Apr 2011	2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	CN01	ToFiling		2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	US01	ToFiling		2 Apr 2011						Effective trigger event and signaling for TA calculation scheme
RM115113	WO01	Filed	2 Apr 2012	2 Apr 2011	PCT/CN2011/07324 9	WO2012135993	6 Dec 2013			Effective trigger event and signaling for TA calculation scheme
RM115110	Family	Filed	28 Apr 2011	28 Apr 2011						Method of combining common channel configurations CELL_FACH state
RM115110	GB01	Filed	12 Jul 2011	28 Apr 2011	GB1111934.4	GB2490370	30 Oct 2013	GB2490370	8 May 2013	Method of combining common channel configurations CELL_FACH state
RM115110	GB02	Closed	28 Apr 2011	28 Apr 2011	GB1107196.8					Method of combining common channel configurations CELL_FACH state
RM115110	GB03	Granted	10 Jul 2012	28 Apr 2011	GB1212205.7	GB2497151	5 Jun 2013	GB2497151	17 Jul 2013	Method of combining common channel configurations CELL_FACH state
RM115110	US01	Filed	28 Apr 2011	28 Apr 2011	US13/095085	US20120275389	1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115110	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052138	WO2012147069	1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115109	Family	Filed	28 Apr 2011	28 Apr 2011						Methods of multipoint HSDPA in CELL_FACH state
RM115109	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107195.8	GB2490484	7 Nov 2012	GB2490484	24 Jul 2013	Methods of multipoint HSDPA in CELL_FACH state
RM115109	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096124	US20120278915	1 Nov 2012			Methods of multipoint HSDPA in CELL_FACH state
RM115108	Family	Filed	2 Jun 2011	2 Jun 2011						Flexible enable and disable of Cross-CC Scheduling
RM115108	WO01	PCA received	2 Jun 2011	2 Jun 2011	PCT/CN2011/07251 4	WO2012162888	6 Dec 2012			Flexible enable and disable of Cross-CC Scheduling
RM115107	Family	Filed	16 May 2011	16 May 2011						SRS Configuration and Triggering for Segment Carrier
RM115107	WO01	PCA received	16 May 2011	16 May 2011	PCT/CN2011/07408 4	WO2012155326	22 Nov 2012			SRS Configuration and Triggering for Segment Carrier
RM115106	Family	Filed	31 May 2011	31 May 2011						High time offset indicator for CoMP
RM115106	GB01	Granted	31 May 2011	31 May 2011	GB1109108.7	GB2491367	5 Dec 2012	GB2491367	8 May 2013	High time offset indicator for CoMP
RM115106	GB02	Granted	31 May 2011	31 May 2011	GB1122201.7	GB2491426	5 Dec 2012	GB2491426	8 May 2013	High time offset indicator for CoMP
RM115106	US01	Filed	31 May 2011	31 May 2011	US13/149067	US20120307704	6 Dec 2012			High time offset indicator for CoMP
RM115105	Family	Filed	25 May 2011	25 May 2011						Resource allocation for D2D deployment in LTE system
RM115105	WO01	Filed	25 May 2011	25 May 2011	PCT/CN2011/07488 8	WO2012162870	29 Nov 2012			Resource allocation for D2D deployment in LTE system
RM115103	Family	Filed	12 Aug 2011	12 Aug 2011						frame aggregation
RM115103	GB01	Filed	12 Aug 2011	13 Aug 2011	GB1113934.2	GB2493713	20 Feb 2013			frame aggregation
RM115103	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208913	US20130039236	14 Feb 2013			frame aggregation
RM115102	Family	Filed	22 Jun 2011	22 Jun 2011						Mitigating other UE UL interference in LTE TDD networks
RM115102	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110566.5	GB2492123	26 Dec 2012	GB2492123	12 Jun 2013	Mitigating other UE UL interference in LTE TDD networks
RM115102	US01	Filed	22 Jun 2011	22 Jun 2011	US13/166429	US20120327820	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks
RM115102	US02	Filed	22 Jun 2011	22 Jun 2011	US13/672935	US20130064145	14 Mar 2013			Mitigating other UE UL interference in LTE TDD networks
RM115102	WO01	Filed	20 Jun 2012	22 Jun 2011	PCT/IB2012/053121	WO2012175139	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks
RM115101	Family	Filed	20 May 2011	20 May 2011						Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	GB01	PCA received	20 May 2011	20 May 2011	GB1108827.1	GB2491118	28 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	US01	Filed	20 May 2011	20 May 2011	US13/112460	US20120294165	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method

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RM115101	US02	Filed	18 Jan 2012	20 May 2011	US13/353795	US2012294344	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Resource Sharing Method
RM115101	WO01	PCA received	17 May 2012	20 May 2011	PCT/IB2012/052498	WO2012160488	29 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Resource Sharing Method
RM115100	Family	Filed	28 Apr 2011	28 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US01	PCA received	2 Apr 2012	28 Apr 2011	US13/865232					PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US02	Tel filing		28 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	WO01	PCA received	28 Apr 2011	28 Apr 2011	PCT/CN2011/073152	WO2012145822	1 Nov 2012			PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115098	Family	Filed	3 Nov 2011	3 Nov 2011						Calibration / equalization of radio receiver analog baseband filter
RM115098	GB01	PCA received	3 Nov 2011	3 Nov 2011	GB1119300.6	GB2486184	6 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289482	US2013011662	9 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	WO01	PCA received	3 Nov 2012	3 Nov 2011	PCT/IB2012/056112	WO2013065001	10 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115097	Family	Filed	1 Apr 2011	1 Apr 2011						Method of fast reselection from UTRAN to EUTRAN
RM115097	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105590.2	GB2489654	29 May 2013	GB2489654	11 Dec 2013	Method of fast reselection from UTRAN to EUTRAN
RM115097	GB02	Granted	1 Apr 2011	1 Apr 2011	GB1204230.8	GB2487319	18 Jul 2013	GB2487319	27 Feb 2013	Method of fast reselection from UTRAN to EUTRAN
RM115097	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078124	US2012262452	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	US02	Filed	12 Mar 2012	1 Apr 2011	US13/417515	US2012262456	18 Apr 2013			Method of fast reselection from UTRAN to EUTRAN
RM115097	US03	Filed	15 Jun 2012	1 Apr 2011	US13/524592	US2013028079	28 Dec 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051596	WO2012131552	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115095	Family	Filed	1 Apr 2011	1 Apr 2011						Triggering of Inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	GB01	Granted	2 May 2012	1 Apr 2011	GB1105848.8	GB2477292	27 Jul 2011	GB2477292	2 May 2012	Triggering of Inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	GB02	Filed	1 Apr 2011	1 Apr 2011	GB1119675.5					Triggering of Inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078268	US2012252433	4 Oct 2012			Triggering of Inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	US02	Filed	2 Jan 2012	1 Apr 2011	US13/078589	US2013252448	10 Apr 2013			Triggering of Inter-RAT reporting for UMTS ANR when ISR is enabled
RM115094	Family	Filed	1 Apr 2011	1 Apr 2011						Method of pending security abortion indication
RM115094	UP01	Tel filing		1 Apr 2011						Method of pending security abortion indication
RM115094	EP01	Filed	7 Oct 2011	1 Apr 2011	EP11184417.1	EP2506514	3 Oct 2012			Method of pending security abortion indication
RM115094	EP02	Filed	11 Jun 2012	1 Apr 2011	EP12171491.9	EP2523429	14 Nov 2012			Method of pending security abortion indication
RM115094	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105847.0	GB2489127	5 Nov 2013	GB2489127	16 May 2012	Method of pending security abortion indication
RM115094	IN01	Tel filing		1 Apr 2011						Method of pending security abortion indication
RM115094	JP01	Tel filing		1 Apr 2011						Method of pending security abortion indication
RM115094	KR01	Tel filing		1 Apr 2011						Method of pending security abortion indication
RM115094	US01	Granted	1 Apr 2011	1 Apr 2011	US13/078223	US2012252404	4 Oct 2012	US8417220	9 Apr 2013	Method of pending security abortion indication
RM115094	US02	Granted	19 Jan 2012	1 Apr 2011	US13/353934	US2012252405	4 Oct 2012	US8412158	2 Apr 2013	Method of pending security abortion indication
RM115094	US03	Tel filing		1 Apr 2011						Method of pending security abortion indication
RM115094	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051612	WO2012131561	4 Oct 2012			Method of pending security abortion indication
RM115092	Family	Filed	28 Jun 2011	28 Jun 2011						Dual-SIM power reduction by closing down SIM system without service
RM115092	GB01	Granted	10 Aug 2011	28 Jun 2011	GB1110967.5	GB2481702	4 Jan 2012	GB2481702	12 Dec 2012	Dual-SIM power reduction by closing down SIM system without service
RM115092	US01	Filed	28 Jun 2011	28 Jun 2011	US13/170963	US2013005399	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115092	US02	Filed	11 Jan 2012	28 Jun 2011	US13/348042	US2013005291	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115092	WO01	PCA received	28 Jun 2012	28 Jun 2011	PCT/IB2012/053224	WO2013001452	3 Jan 2013			Dual-SIM power reduction by closing down SIM system without service
RM115091	Family	Filed	28 Apr 2011	28 Apr 2011						Robustness improvement to EUTRAN system information acquisition

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RM115091	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107306.3	GB2490362	31 Oct 2012	GB2490362	20 Mar 2013	Robustness improvement to EUTRAN system information acquisition
RM115091	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096198	US20120278833	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115091	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052109	WO2012147048	1 Nov 2012			HARQ Procedures for Dynamical TDD configuration
RM115090	Family	Filed	30 May 2011	30 May 2011						HARQ Procedures for Dynamical TDD configuration
RM115090	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/07488 7	WO2012162877	6 Dec 2012			Robust dynamical TDD configuration change to limit error case in LTE Local Area
RM115089	Family	Filed	21 Apr 2011	21 Apr 2011						Robust dynamical TDD configuration change to limit error case in LTE Local Area
RM115089	WO01	Filed	21 Apr 2011	21 Apr 2011	PCT/CN2011/07311 7	WO2012142761	26 Oct 2012			LTE-HSPA HARQ Optimization
RM115088	Family	Filed	6 Jun 2011	6 Jun 2011						LTE-HSPA HARQ Optimization
RM115088	GB01	Filed	6 Jun 2011	6 Jun 2011	GB1109449.7	GB2491815	19 Dec 2012			LTE-HSPA HARQ Optimization
RM115088	US01	Filed	6 Jun 2011	6 Jun 2011	US13/153788	US20120307819	6 Dec 2012			LTE-HSPA HARQ Optimization
RM115086	US02	Granted	13 Mar 2012	6 Jun 2011	US13/418624			US8570954	18 Sep 2012	LTE-HSPA HARQ Optimization
RM115086	WO01	Filed	4 Jun 2012	6 Jun 2011	PCT/IB2012/052788	WO2012168843	13 Dec 2012			LTE-HSPA HARQ Optimization
RM115087	Family	Filed	20 May 2011	20 May 2011						Quality algorithm for sleep clock calibration
RM115087	GB01	Closed	20 May 2011	20 May 2011	GB1108512.3	not to be published				Quality algorithm for sleep clock calibration
RM115087	GB02	Filed	29 May 2011	20 May 2011	GB1120543.2	GB2490890	21 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	GB03	Granted	20 May 2011	20 May 2011	GB1208996.8	GB2491021	21 Nov 2012	GB2491021	6 May 2013	Quality algorithm for sleep clock calibration
RM115087	US01	Closed	20 May 2011	20 May 2011	US13/112039					Quality algorithm for sleep clock calibration
RM115087	US02	POA received	2 Dec 2011	20 May 2011	US13/310046	US20120304212	22 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	WO01	Filed	17 May 2012	20 May 2011	PCT/IB2012/052454	WO2012160480	29 Nov 2012			Quality algorithm for sleep clock calibration
RM115085	Family	Filed	3 Jun 2011	3 Jun 2011						On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	GB01	POA received	3 Jun 2011	3 Jun 2011	GB1109310.1	GB2491401	5 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	US01	Filed	3 Jun 2011	3 Jun 2011	US13/152629	US20120307670	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	WO01	Filed	1 Jun 2012	3 Jun 2011	PCT/IB2012/052771	WO2012164536	6 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115084	Family	Filed	30 May 2011	30 May 2011						WiFi-assisted LTE transmission on unlicensed band
RM115084	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/07487 8	WO2012162876	6 Dec 2012			WiFi-assisted LTE transmission on unlicensed band
RM115082	Family	Filed	12 Mar 2012	12 Mar 2012						PHICH Transmissions with CC-specific TDD UL/DL configurations
RM115082	WO01	POA received	12 Mar 2012	12 Mar 2012	PCT/CN2011/07344 6	WO2012148607	1 Nov 2012			PHICH Transmissions with CC-specific TDD UL/DL configurations
RM115079	Family	Filed	16 Jun 2011	16 Jun 2011						New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	GB01	Filed	16 Jun 2011	16 Jun 2011	GB1110209.0	GB2491887	19 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US01	Filed	16 Jun 2011	16 Jun 2011	US13/161595	US20120320764	20 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US02	Granted	21 Oct 2011	16 Jun 2011	US13/278342	US20120320769	20 Dec 2012	US8620278	27 Nov 2013	New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115078	Family	Filed	27 Apr 2011	27 Apr 2011						UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	GB01	Closed	27 Apr 2011	27 Apr 2011	GB1107074.5	GB2479653	19 Oct 2011			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	US01	Filed	27 Apr 2011	27 Apr 2011	US13/096241	US20120275507	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	WO01	Filed	27 Apr 2012	27 Apr 2011	PCT/IB2012/052125	WO2012147059	1 Nov 2012			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115076	Family	Filed	11 Apr 2011	11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	CN01	ToFiling		11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	US01	ToFiling		11 Apr 2011						Uplink Feedback Optimization for CC Specific TDD Configuration
RM115076	WO01	Filed	11 Apr 2011	11 Apr 2011	PCT/CN2011/07200 9	WO2012139274	18 Oct 2012			Uplink Feedback Optimization for CC Specific TDD Configuration
RM115075	Family	Filed	23 Aug 2011	23 Aug 2011						Random Access Preamble Structure for UEs in Relay Cell
RM115075	GB01	POA received	23 Aug 2011	23 Aug 2011	GB1114596.2	GB2495693	24 Apr 2013			Random Access Preamble Structure for UEs in Relay Cell

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RM115075	US01	Filed	29 Aug 2011	29 Aug 2011	US13/139398	US20130051307	28 Feb 2013			Adaptive control methods for...
RM115074	Family	Filed	22 Jun 2011	22 Jun 2011						Adaptive control methods for more efficient...
RM115074	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110580.8	GB2492126	27 Dec 2012	GB2492126	7 Aug 2013	Adaptive control methods for more efficient HARQ memory...
RM115074	US01	Granted	22 Jun 2011	22 Jun 2011	US13/166266	US20120331241	27 Dec 2012			Efficient HARQ Timing Design for Flexible TDD Configuration
RM115073	Family	Filed	26 Sep 2011	26 Sep 2011						
RM115073	WO01	POA received	26 Sep 2011	26 Sep 2011	PCT/CN2011/080015	WO2013044443	4 Apr 2013			Efficient HARQ Timing Design for Flexible TDD Configuration
RM115072	Family	Filed	11 Apr 2011	11 Apr 2011						DRX design for CA of carriers with different TDD configuration
RM115072	WO01	POA received	11 Apr 2011	11 Apr 2011	PCT/CN2011/072958	WO2012139272	18 Oct 2012			DRX design for CA of carriers with different TDD configuration
RM115071	Family	Filed	1 Apr 2011	1 Apr 2011						Infrequent small data transmission method for detached MTC devices
RM115071	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105594.4	GB2489630	10 Oct 2012	GB2489630	20 Mar 2013	Infrequent small data transmission method for detached MTC devices
RM115071	US01	Filed	1 Apr 2011	1 Apr 2011	US13/078074	US20120254890	4 Oct 2012			Infrequent small data transmission method for detached MTC devices
RM115071	WO01	POA received	2 Apr 2012	1 Apr 2011	PCT/IB2012/051584	WO2012133654	2 Apr 2012			Infrequent small data transmission method for detached MTC devices
RM115070	Family	Filed	30 Jun 2011	30 Jun 2011						Double polling mechanism for WSN via UE gateway
RM115070	WO01	Filed	30 Jun 2011	30 Jun 2011	PCT/CN2011/076884	WO2013000148	3 Jan 2013			Double polling mechanism for WSN via UE gateway
RM115069	Family	Filed	16 Sep 2011	16 Sep 2011						ADC clock selection based on temperature
RM115069	GB01	Response filed to POA	16 Sep 2011	16 Sep 2011	GB1116090.0	GB2494695	20 Mar 2013			ADC clock selection based on temperature
RM115069	GB02	Filed	16 Sep 2011	16 Sep 2011	GB1207922.2	GB2489337	26 Sep 2012			ADC clock selection based on temperature
RM115069	US01	Filed	16 Sep 2011	16 Sep 2011	US13/234392	US20130070815	21 Mar 2013			ADC clock selection based on temperature
RM115069	US02	Filed	16 Sep 2011	16 Sep 2011	US13/605116	US20130070818	21 Mar 2013			ADC clock selection based on temperature
RM115068	Family	Filed	11 Jul 2011	11 Jul 2011						Optimized Scheduling for Hybrid Cellular System
RM115068	GB01	Granted	11 Jul 2011	11 Jul 2011	GB1111954.4	GB2493131	30 Jan 2013	GB2493131	3 Jul 2013	Optimized Scheduling for Hybrid Cellular System
RM115068	US01	Filed	11 Jul 2011	11 Jul 2011	US13/180069	US20130010686	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115068	WO01	Filed	9 Jul 2012	11 Jul 2011	PCT/IB2012/053462	WO2013008167	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115067	Family	Filed	15 Jul 2011	15 Jul 2011						White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	GB01	Filed	15 Jul 2011	15 Jul 2011	GB1112251.3	GB2492987	23 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	US01	Filed	15 Jul 2011	15 Jul 2011	US13/184602	US20130016221	17 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	WO01	Filed	16 Jul 2012	15 Jul 2011	PCT/IB2012/053630	WO2013011450	24 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115064	Family	Filed	24 May 2011	24 May 2011						Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	GB01	Filed	24 May 2011	24 May 2011	GB1108707.8	GB2491139	28 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US01	Granted	24 May 2011	24 May 2011	US13/114418			US8526302	10 Apr 2013	Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US02	Filed	19 Oct 2011	24 May 2011	US13/276616	US20130schedule712	29 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	WO01	Filed	23 May 2012	24 May 2011	PCT/IB2012/052559	WO2012161610	29 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115061	Family	Filed	14 Apr 2011	14 Apr 2011						Efficient HARQ Scheme for CC specific TDD Configuration
RM115061	WO01	Filed	14 Apr 2011	14 Apr 2011	PCT/CN2011/072727	WO2012139281	18 Oct 2012			Efficient HARQ Scheme for CC specific TDD Configuration
RM115060	Family	Filed	15 Jul 2011	15 Jul 2011						Variable sampling rate transmitter
RM115060	GB01	Granted	15 Jul 2011	15 Jul 2011	GB1112199.5	GB2485439	16 May 2012	GB2485439	21 Aug 2013	Variable sampling-rate transmitter
RM115060	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183528	US20130016781	17 Jan 2013			Variable sampling-rate transmitter
RM115059	Family	Filed	9 Sep 2011	9 Sep 2011						Autonomous gaps for paging reception in dual SIM modem
RM115059	GB01	Granted	9 Sep 2011	9 Sep 2011	GB1115614.8	GB2485433	16 May 2012	GB2485433	16 Oct 2013	Autonomous gaps for paging reception in dual SIM modem
RM115059	US01	Filed	9 Sep 2011	9 Sep 2011	US13/229015	US20130065644	14 Mar 2013			Autonomous gaps for paging reception in dual SIM modem

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RM115058	WO01	Filed	9 Sep 2011	9 Sep 2011	PCT/IB2012/054615	WO2013035085	14 Mar 2013			Flexible measurement cycle
RM115058	Family	Filed	1 Apr 2011	1 Apr 2011						Flexible measurement cycle for deactivated Scells
RM115058	GB01	Closed	1 Apr 2011	1 Apr 2011	GB1105651.0					Flexible measurement cycle for deactivated Scells
RM115058	GB02	Filed	20 Jan 2012	1 Apr 2011	GB1200976.7	GB2489770	10 Oct 2012			Flexible measurement cycle for deactivated Scells
RM115058	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078054	US20120252492	4 Oct 2012			Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115057	Family	Filed	13 May 2011	13 May 2011						Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115057	WO01	POA received	13 May 2011	13 May 2011	PCT/CN2011/074058	WO2012155328	22 Nov 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
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	GB1110114.8	GB2491870	19 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	US01	Filed	15 Jun 2011	15 Jun 2011	US13/161912	US20120328279	28 Dec 2012			Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115054	WO01	Filed	15 Jun 2011	15 Jun 2011	PCT/IB2012/053025	WO2012172513	20 Dec 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	Family	Filed	2 Jun 2011	2 Jun 2011						Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	GB01	POA received	2 Jun 2011	2 Jun 2011	GB1109286.7	GB2486826	4 Jul 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	US01	Filed	2 Jun 2011	2 Jun 2011	US13/151157	US20130307744	6 Dec 2013			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115052	US02	Granted	17 Oct 2011	2 Jun 2011	US13/274606	US20120307869	6 Dec 2012	US8374212	12 Feb 2013	RACH solution on Scell in cross carrier scheduling case
RM115052	WO01	Filed	1 Jun 2012	2 Jun 2011	PCT/IB2012/052784	WO2012164531	6 Dec 2012			RACH solution on Scell in cross carrier scheduling case
RM115051	Family	Filed	4 Apr 2011	4 Apr 2011						Apparatus for RF power emulation
RM115051	WO01	Filed	4 Apr 2011	4 Apr 2011	PCT/CN2011/072445	WO2012135998	11 Oct 2012			Apparatus for RF power emulation
RM115050	Family	Filed	5 Jul 2011	5 Jul 2011						Optimized uplink power control adjustment state in varying environments
RM115050	US01	POA received	5 Jul 2011	5 Jul 2011	US13/175265	US20130013370	10 Jan 2013			Optimized uplink power control adjustment state in varying environments
RM115048	Family	Filed	3 May 2011	3 May 2011						Optimized uplink power control adjustment state in varying environments
RM115048	GB01	Granted	3 May 2011	3 May 2011	GB1107320.2	GB2479076	28 Sep 2011	GB2479076	27 Jun 2012	Optimized uplink power control adjustment state in varying environments
RM115048	US01	Filed	3 May 2011	3 May 2011	US13/099796	US20120282970	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
RM115048	US02	Granted	2 Nov 2011	3 May 2011	US13/287549			US8228494	24 Jul 2012	Optimized uplink power control adjustment state in varying environments
RM115048	WO01	Filed	3 May 2012	3 May 2011	PCT/IB2012/052236	WO2012150572	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
RM115047	Family	Filed	24 May 2011	24 May 2011						QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	GB01	Granted	24 May 2011	24 May 2011	GB1108706.1	GB2491138	28 Nov 2012	GB2491138	22 May 2013	QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	US01	Filed	24 May 2011	24 May 2011	US13/114524	US20120302272	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	WO01	Filed	24 May 2012	24 May 2011	PCT/IB2012/052615	WO2012160539	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115045	Family	Filed	19 May 2011	19 May 2011						CS services while MM congestion control is activated
RM115045	GB01	Granted	19 May 2011	19 May 2011	GB1108423.1	GB2490446	21 Nov 2012	GB2490446	28 Aug 2013	CS services while MM congestion control is activated
RM115045	US01	Filed	19 May 2011	19 May 2011	US13/111166	US20120294143	22 Nov 2012			CS services while MM congestion control is activated
RM115045	US02	Filed	10 Jan 2012	19 May 2011	US13/347375	US20120294144	22 Nov 2012			CS services while MM congestion control is activated
RM115045	WO01	Filed	17 May 2012	19 May 2011	PCT/IB2012/052493	WO2012160483	22 Nov 2012			CS services while MM congestion control is activated
RM115043	Family	Filed	15 Apr 2011	15 Apr 2011						LTE carrier aggregation configuration on TV White Space bands
RM115043	WO01	Filed	15 Apr 2011	15 Apr 2011	PCT/CN2011/072983	WO2012139501	18 Oct 2012			LTE carrier aggregation configuration on TV White Space bands

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RM115040	Family	Filed	12 Apr 2011	12 Apr 2011						
RM115040	WO01	PCA received	12 Apr 2011	12 Apr 2011	PCT/CN2011/072985	WO2012139278	18 Oct 2012			Spectrum Sensing for LTE Unlicensed Offloading
RM115039	Family	Filed	2 May 2011	2 May 2011						UE specific cyclic prefix length
RM115039	US01	Filed	2 May 2011	2 May 2011	US13/098810	US20120281551	8 Nov 2012			UE specific cyclic prefix length
RM115037	Family	Filed	11 Apr 2011	11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	CN01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	EP01	ToFiling		11 Apr 2011						Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	US01	PCA received	11 Apr 2011	11 Apr 2011	US13/083905	US20120258755	11 Oct 2012			Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	WO01	Filed	10 Apr 2012	11 Apr 2011	PCT/IB2012/051783	WO2012141056	18 Oct 2012			Adaptive Control of Cell Search Procedure for Idle Mode
RM115036	Family	Filed	19 May 2011	19 May 2011						Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115036	GB01	Filed	18 May 2011	19 May 2011	GB1108443.1	GB2491114	28 Nov 2012			Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115036	US01	Filed	18 May 2011	19 May 2011	US13/111032	US20120294169	22 Nov 2012			Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115035	Family	Filed	26 Apr 2011	26 Apr 2011						Method for avoiding in-device interference from Cellular to IMS
RM115035	GB01	Granted	27 Apr 2011	26 Apr 2011	GB1107098.1	GB2490347	31 Oct 2012	GB2490347	1 May 2013	Method for avoiding in-device interference from Cellular to IMS
RM115035	US01	Filed	26 Apr 2011	26 Apr 2011	US13/094223	US20120275359	1 Nov 2012			Method for avoiding in-device interference from Cellular to IMS
RM115034	Family	Filed	8 Apr 2011	8 Apr 2011						Enhancements for Connectivity
RM115034	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106035.7	GB2488751	10 Oct 2012	GB2488751	13 Mar 2013	Enhancements for Connectivity
RM115034	GB02	Filed	8 Apr 2011	8 Apr 2011	GB1114182.6	GB2490623	7 Nov 2012			Enhancements for Connectivity
RM115034	US01	Filed	8 Apr 2011	8 Apr 2011	US13/083106	US20100259985	11 Oct 2012			Enhancements for Connectivity
RM115034	WO01	Filed	6 Apr 2012	8 Apr 2011	PCT/IB2012/051705	WO2012137173	11 Oct 2012			Enhancements for Connectivity
RM115033	Family	Filed	13 Feb 2011	13 Feb 2011						Power Headroom triggering in Secondary Cell activation
RM115033	EP01	ToFiling		13 Feb 2011						Power Headroom triggering in Secondary Cell activation
RM115033	US01	Closed	13 Feb 2011	13 Feb 2011	US61/442,282					Power Headroom triggering in Secondary Cell activation
RM115033	US02	Filed	12 Aug 2011	13 Feb 2011	US13/084,865					Power Headroom triggering in Secondary Cell activation
RM115033	WO01	Filed	13 Feb 2012	13 Feb 2011	PCT/IB2012/050842	WO2012107912	16 Aug 2012			Power Headroom triggering in Secondary Cell activation
RM115032	Family	Filed	14 Feb 2011	14 Feb 2011						Method of prioritising RACH message content
RM115032	CN01	Filed	13 Aug 2012	14 Feb 2011	PCT/IB2012/050696					Method of prioritising RACH message content
RM115032	EP01	Filed	1 Aug 2013	14 Feb 2011	EP12714367.5					Method of prioritising RACH message content
RM115032	IN01	ToFiling		14 Feb 2011						Method of prioritising RACH message content
RM115032	JP01	Filed	14 Feb 2012	14 Feb 2011	PCT/IB2012/050696					Method of prioritising RACH message content
RM115032	KR01	ToFiling		14 Feb 2011						Method of prioritising RACH message content
RM115032	US01	Filed	14 Feb 2011	14 Feb 2011	US13/025512	US20120207102	16 Aug 2012			Method of prioritising RACH message content
RM115032	WO01	Filed	14 Feb 2012	14 Feb 2011	PCT/IB2012/050696	WO2012110956	23 Aug 2012			Method of prioritising RACH message content
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	GB1106359.3	GB2490118	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB02	Filed	14 Apr 2011	14 Apr 2011	GB1120068.6	GB2490189	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB03	Filed	16 Jul 2013	14 Apr 2011	GB1312715.4					Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	US01	Filed	14 Apr 2011	14 Apr 2011	US13/086681	US20120264440	18 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
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	GB01	Filed	21 Mar 2013	1 Apr 2011	GB1305039.8	GB2499928	20 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	US61/470682					Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	WO01	Filed	1 Apr 2012	1 Apr 2011	PCT/IB2012/051569	WO2012131637	4 Oct 2012			Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
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	US13/081868	US20120258703	11 Oct 2012			On Session Setup for Cellular Controlled Device-to-Device Communication
RM115028	Family	Filed	21 Feb 2011	21 Feb 2011						Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	GB01	Granted	21 Oct 2011	21 Feb 2011	GB1116184.9	GB2484827	25 Apr 2013	GB2484827	28 Nov 2012	Congestion Avoidance for Control Channels Prior Connection Establishment

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RM115028	US01	Granted	21 Feb 2011	21 Feb 2011	US13/031355	US2012219071	23 Aug 2012	US8396072	12 Mar 2013	Congestion Establishment
RM115028	US02	Closed	13 Mar 2012	21 Feb 2011	US13/418967	US20130100802	25 Apr 2013			Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	US03	Filed	1 Mar 2013	21 Feb 2011	US13/781969					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115028	WO01	Filed	21 Feb 2012	21 Feb 2011	PCT/IB2012/050777	WO2012114265	30 Aug 2012			Congestion Avoidance for Control Channels Prior Connection Establishment
RM115027	Family	Filed	13 Apr 2011	13 Apr 2011						Beacon cluster based sensor network information collection via UE gateway
RM115027	GB01	ToFiling		13 Apr 2011						Beacon cluster based sensor network information collection via UE gateway
RM115027	US01	Granted	17 Nov 2011	13 Apr 2011	US13/298884	US2012263053	18 Oct 2012	US8279818	2 Oct 2012	Beacon cluster based sensor network information collection via UE gateway
RM115027	US02	Filed	26 Jul 2012	13 Apr 2011	US13/559269	US2012299692	29 Nov 2012			Beacon cluster based sensor network information collection via UE gateway
RM115027	WO01	POA received	13 Apr 2011	13 Apr 2011	PCT/CN2011/072743	WO2012139288	18 Oct 2012			Beacon cluster based sensor network information collection via UE gateway
RM115026	Family	Filed	9 Jan 2011	9 Jan 2011						Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115026	WO01	POA received	9 Jan 2011	9 Jan 2011	PCT/CN2011/070503	WO2012167432	13 Dec 2012			Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115025	Family	Filed	8 Feb 2011	8 Feb 2011						Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	DE01	ToFiling		8 Feb 2011	EP11172430.8	EP2426029		EP2426029		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	EP01	POA received	1 Jul 2011	8 Feb 2011	EP11172430.8	EP2426029	14 Mar 2012	EP2426029	11 Sep 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	EP02	Filed	16 May 2013	8 Feb 2011	EP13168104.9	EP2635070	5 Sep 2013			Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	FR01	ToFiling		8 Feb 2011	EP11172430.8	EP2426029		EP2426029		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB01	Granted	1 Jul 2011	8 Feb 2011	GB1111266.1	GB2480163	9 Nov 2011	GB2480163	5 Sep 2012	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB02	Granted	10 May 2012	8 Feb 2011	GB1208218.8	GB2488686	5 Sep 2012	GB2488686	3 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB03	ToFiling		8 Feb 2011	EP11172430.8	EP2426029		EP2426029		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	IT01	ToFiling		8 Feb 2011	EP11172430.8	EP2426029		EP2426029		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	NL01	ToFiling		8 Feb 2011	EP11172430.8	EP2426029		EP2426029		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	US01	Granted	9 Feb 2011	8 Feb 2011	US13/023628	US2012202481	9 Aug 2012	US8433321	30 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	US02	Granted	11 Jan 2012	8 Feb 2011	US13/348338	US2013095835	18 Aug 2012	US8478275	2 Jul 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	WO01	Filed	8 Feb 2012	8 Feb 2011	PCT/IB2012/050595	WO2012107888	16 Aug 2012			Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115024	Family	Filed	11 Feb 2011	11 Feb 2011						Methods of RLC unrecoverable error indication and recovery
RM115024	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025298	US2012207041	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
RM115024	WO01	Filed	13 Feb 2012	11 Feb 2011	PCT/IB2012/050640	WO2012107911	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
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						Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115023	US01	ToFiling		31 Mar 2011						Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115023	WO01	POA received	31 Mar 2011	31 Mar 2011	PCT/CN2011/072633	WO2012135980	22 Oct 2012			Signaling improvement for LTE-A system to enable measurements and report for D2D operation
RM115022	Family	Filed	9 Feb 2011	9 Feb 2011						Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	GB01	Granted	30 Sep 2011	9 Feb 2011	GB1116216.6	GB2484011	28 Mar 2012	GB2484011	10 Oct 2012	Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	US01	Filed	9 Feb 2011	9 Feb 2011	US13/023675	US2012202480	9 Aug 2012			Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	WO01	POA received	9 Feb 2012	9 Feb 2011	PCT/IB2012/050564	WO2012107883	16 Aug 2012			Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115021	Family	Filed	22 Feb 2011	22 Feb 2011						LTE System Setup for Device-to-Device Connection on ISM band
RM115021	US01	Filed	1 Aug 2012	22 Feb 2011	US13/896713					LTE System Setup for Device-to-Device Connection on ISM band
RM115021	WO01	POA received	22 Feb 2011	22 Feb 2011	PCT/CN2011/071173	WO2012113136	30 Aug 2012			LTE System Setup for Device-to-Device Connection on ISM band

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RM115030	Family	Filed	11 Feb 2011	11 Feb 2011						Precoder selection
RM115030	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025508	US20120207246	16 Aug 2012			Precoder selection for 8 Tx precoder codebook
RM115030	WO01	Filed	10 Feb 2012	11 Feb 2011	PCT/IB2012/050614	WO2012107904	16 Aug 2012			Precoder selection for 8 Tx precoder codebook
RM115018	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
RM115018	GB01	Granted	31 Mar 2011	31 Mar 2011	GB1105492.1	GB2477649	10 Aug 2011	GB2477649	11 Jan 2012	On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115018	US01	Filed	31 Mar 2011	31 Mar 2011	US13/076602	US20120250631	4 Oct 2012			On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115018	Family	Filed	10 May 2011	10 May 2011						Methods and apparatus for interference mitigation in BT pico-nets
RM115018	WO01	POA received	10 May 2011	10 May 2011	PCT/CN2011/073698	WO2012151741	15 Nov 2012			Methods and apparatus for interference mitigation in BT pico-nets
RM115016	Family	Filed	8 Apr 2011	8 Apr 2011						Equalizer with limited subcarrier distortion and soft constraint for stepband
RM115016	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1105836.5	GB2485427	16 May 2012	GB2485427	7 Nov 2012	Equalizer with limited subcarrier distortion and soft constraint for stepband
RM115016	US01	Filed	8 Apr 2011	8 Apr 2011	US13/082489	US20120257687	11 Oct 2012			Equalizer with limited subcarrier distortion and soft constraint for stepband
RM115013	Family	Filed	23 Mar 2011	23 Mar 2011						Offline Mode Procedure for Machine Type Communications
RM115013	GB01	Granted	23 Mar 2011	23 Mar 2011	GB1104871.7	GB2476415	22 Jun 2011	GB2476415	16 Nov 2011	Offline Mode Procedure for Machine Type Communications
RM115013	US01	Filed	23 Mar 2011	23 Mar 2011	US13/069765	US20120243422	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115013	US02	Granted	12 Jul 2011	23 Mar 2011	US13/180737			US8125892	28 Feb 2012	Offline Mode Procedure for Machine Type Communications
RM115013	WO01	Filed	22 Mar 2012	23 Mar 2011	PCT/IB2012/051372	WO2012127440	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115012	Family	Filed	25 Mar 2011	25 Mar 2011						Improved LTE DRX with UE based mobility
RM115012	GB01	Filed	25 Mar 2011	25 Mar 2011	GB1105011.9	GB2489419	3 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	US01	POA received	25 Mar 2011	25 Mar 2011	US13/071742	US20120243417	27 Sep 2012			Improved LTE DRX with UE based mobility
RM115012	US02	Filed	23 Mar 2012	25 Mar 2011	US13/428193	US20120250589	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	WO01	Filed	26 Mar 2012	25 Mar 2011	PCT/IB2012/051435	WO2012131568	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115011	Family	Filed	12 Apr 2011	12 Apr 2011						On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	GB01	Granted	12 Apr 2011	12 Apr 2011	GB1106193.4	GB2489956	17 Oct 2012	GB2489956	20 Mar 2013	On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	US01	Filed	12 Apr 2011	12 Apr 2011	US13/084941	US20120264468	18 Oct 2012			On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	US02	Granted	6 Oct 2011	12 Apr 2011	US13/267571	US20120265123	18 Oct 2012	US8280389	3 Oct 2012	On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	WO01	Filed	12 Apr 2012	12 Apr 2011	PCT/IB2012/051802	WO2012140599	18 Oct 2012			On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
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
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 received	2 Jun 2011	2 Jun 2011	PCT/CN2011/075717	WO2012162890	6 Dec 2012			D2D local network pre-deployment and fast route discovery using idle resource of non-full-loaded cellular system
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	US20120243518	27 Sep 2012			Solving the Hidden Node Problem Due to the Transmission Power Imbalance
RM115006	Family	Filed	1 Mar 2011	1 Mar 2011						Sensing and measurement procedure for operating LTE system in unlicensed band
RM115006	WO01	Filed	1 Mar 2011	1 Mar 2011	PCT/CN2011/071423	WO2012116468	7 Sep 2012			Sensing and measurement procedure for operating LTE system in unlicensed band
RM115005	Family	Filed	11 Mar 2011	11 Mar 2011						Signaling method for validating TV Band Device in LTE system operating on TVWS
RM115005	US01	Filed	11 Mar 2011	11 Mar 2011	US13/045781	US20120230695	13 Sep 2012			Signaling method for validating TV Band Device in LTE system operating on TVWS
RM115004	Family	Filed	10 Feb 2011	10 Feb 2011						PUCCH resource allocation for flexible TDD configuration

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RM115004	US01	Filed	12 Aug 2013	10 Feb 2011	US13/964,172					
RM115004	WO01	PCA received	10 Feb 2011	10 Feb 2011	PCT/CN2011/07091 5	WO2012106883	16 Aug 2012			PUCCH resource allocation for flexible TDD configuration
RM115005	Family	Filed	17 Feb 2011	17 Feb 2011						New carrier type with configurable downlink control region in carrier aggregation
RM115005	US01	ToFiling		17 Feb 2011						New carrier type with configurable downlink control region in carrier aggregation
RM115005	WO01	PCA received	17 Feb 2011	17 Feb 2011	PCT/CN2011/07104 8	WO2012109790	23 Aug 2012			New carrier type with configurable downlink control region in carrier aggregation
RM115001	Family	Filed	21 Feb 2011	21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	CN01	ToFiling		21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	EP01	ToFiling		21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	US01	ToFiling		21 Feb 2011						Switch point indication signaling for flexible TDD configuration
RM115001	WO01	Filed	21 Feb 2011	21 Feb 2011	PCT/CN2011/07112 9	WO2012113131	30 Aug 2012			Switch point indication signaling for flexible TDD configuration
RM105021	Family	Filed	9 Mar 2011	9 Mar 2011						Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105021	US01	ToFiling		9 Mar 2011						Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105021	WO01	PCA received	9 Mar 2011	9 Mar 2011	PCT/CN2011/07163 2	WO2012119309	13 Sep 2012			Implicit solution to dynamically change the Special Subframe Pattern configuration
RM105017	Family	Filed	28 Feb 2011	28 Feb 2011						Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	CN01	ToFiling		28 Feb 2011						Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	US01	ToFiling		28 Feb 2011						Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105017	WO01	Filed	28 Feb 2011	28 Feb 2011	PCT/CN2011/07138 6	WO2012116482	7 Sep 2012			Coordinated Multimode (cellular-WSN) UE Accessing WSN Network Mechanism
RM105015	Family	Filed	7 Mar 2011	7 Mar 2011						Traffic shaping for power consumption reduction
RM105015	US01	Filed	7 Mar 2011	7 Mar 2011	US13/041548	US20130233481	13 Sep 2012			Traffic shaping for power consumption reduction
RM105014	Family	Filed	25 Feb 2011	25 Feb 2011						Blind statistical S-CPICH detection
RM105014	US01	Filed	25 Feb 2011	25 Feb 2011	US13/035166	US20120218985	30 Aug 2012			Blind statistical S-CPICH detection
RM105013	Family	Filed	22 Feb 2011	22 Feb 2011						Method for filtering PDCCH false accepts based on DCI filter bits
RM105013	US01	Filed	22 Feb 2011	22 Feb 2011	US13/031732	US20130213736	23 Aug 2013			Method for filtering PDCCH false accepts based on DCI filter bits
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	US13/035459	US20120218908	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105012	WO01	Filed	22 Feb 2012	24 Feb 2011	PCT/IB2012/050506	WO2012114287	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
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	US13/025526	US20120207033	16 Aug 2012			Shared Band Deployment Support Function to enable Fast and Flexible Connection Establishment
RM105010	Family	Filed	21 Mar 2011	21 Mar 2011						Methods to configure future LTE/LTE-A system onto TVWS
RM105010	US01	Filed	21 Mar 2011	21 Mar 2011	US13/052416	US20120243463	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TVWS
RM105010	WO01	PCA received	21 Mar 2012	21 Mar 2011	PCT/IB2012/051347	WO2012127427	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TVWS
RM105009	Family	Filed	1 Feb 2011	1 Feb 2011						New way to acquire TA on SCell without RACH
RM105009	US01	Filed	25 Jul 2013	1 Feb 2011	US13/961615					New way to acquire TA on SCell without RACH
RM105009	WO01	Filed	1 Feb 2011	1 Feb 2011	PCT/CN2011/07187 4	WO2012103683	9 Aug 2012			New way to acquire TA on SCell without RACH
RM105008	Family	Filed	8 Feb 2011	8 Feb 2011						Method of Layer 2 Ack Nack status reporting
RM105006	US01	Filed	8 Feb 2011	8 Feb 2011	US13/022939	US20120201191	9 Aug 2012			Method of Layer 2 Ack Nack status reporting
RM105007	Family	Filed	7 Jan 2011	7 Jan 2011						Methods of ANR logging and reporting
RM105007	US01	PCA received	7 Jan 2011	7 Jan 2011	US12/986,395	US20120178451	12 Jul 2012			Methods of ANR logging and reporting
RM105007	WO01	PCA received	5 Jan 2012	7 Jan 2011	PCT/IB2012/050059	WO2012093366	12 Jul 2012			Methods of ANR logging and reporting
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	US12/986,406	US20120178436	12 Jul 2012			Non-linear Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network

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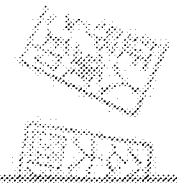
RM105005	Family	Filed	11 Feb 2011	11 Feb 2011						Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105005	US01	Filed	9 Aug 2013	11 Feb 2011	US13/963,939					Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105005	WO01	Filed	11 Feb 2011	11 Feb 2011	PCT/CN2011/070829	WO2012106843	16 Aug 2012			Signaling Method to Enable Controlled TX Deferring in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Networks
RM105004	Family	Filed	7 Jan 2011	7 Jan 2011						
RM105004	CN01	Filed	6 Jan 2012	7 Jan 2011	CN201280004818.X					Limiting system information decoding for ANR
RM105004	DE01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			DE&C/2013000001.6	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7	EP2491748	29 Aug 2012	EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP02	Filed	6 Jan 2012	7 Jan 2011	EP12819051.7	EP2660441	20 Feb 2013			Limiting system information decoding for ANR
RM105004	FR01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	GB01	Granted	4 Oct 2011	7 Jan 2011	GB1117048.2	GB2486787	25 Apr 2012	GB2486787	31 Oct 2012	Limiting system information decoding for ANR
RM105004	GB02	Granted	3 Jul 2012	7 Jan 2011	GB1211752.9	GB2490058	17 Oct 2012	GB2490058	6 Mar 2013	Limiting system information decoding for ANR
RM105004	IN01	Filed	6 Jan 2012	7 Jan 2011	IN1119/MUMNP/2013					Limiting system information decoding for ANR
RM105004	IT01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2491748	26 Dec 2012	Limiting system information decoding for ANR
RM105004	JP01	Filed	6 Jan 2012	7 Jan 2011	TBD					Limiting system information decoding for ANR
RM105004	KR01	Filed	6 Jan 2012	7 Jan 2011	KR 10-2013-7017866					Limiting system information decoding for ANR
RM105004	NL01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7					Limiting system information decoding for ANR
RM105004	US01	Granted	7 Jan 2011	7 Jan 2011	US12/986,430	US2012/0176918	12 Jul 2012	US8400949	19 Mar 2013	Limiting system information decoding for ANR
RM105004	US02	Closed	16 May 2012	7 Jan 2011	US13/472,613					Limiting system information decoding for ANR
RM105004	WO01	Filed	6 Jan 2012	7 Jan 2011	PCT/EP2012/050017	WO2012/093175	12 Jul 2012			Limiting system information decoding for ANR
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	US13/020,980	US2012/0202482	9 Aug 2012			Registration area updating reject in shared RAN
RM105002	Family	Filed	10 Jan 2011	10 Jan 2011						Test method for type 3i receiver in multicarrier configuration
RM105002	CN01	Filed	6 Jan 2012	10 Jan 2011	CN201280004971.2					Test method for type 3i receiver in multicarrier configuration
RM105002	EP01	PCA received	6 Jan 2012	10 Jan 2011	EP12701233.4	EP2514228	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	GB01	Granted	4 Oct 2011	10 Jan 2011	GB1117048.7	GB2486828	4 Jul 2012	GB2486828	12 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	IN01	Filed	6 Jan 2012	10 Jan 2011	IN1163/MUMNP/2013					Test method for type 3i receiver in multicarrier configuration
RM105002	JP01	Filed	6 Jan 2012	10 Jan 2011	TBD					Test method for type 3i receiver in multicarrier configuration
RM105002	KR01	Filed	6 Jan 2012	10 Jan 2011	KR 10-2013-7012966					Test method for type 3i receiver in multicarrier configuration
RM105002	US01	Granted	10 Jan 2011	10 Jan 2011	US12/987,277	US2012/0176919	12 Jul 2012	US8331281	11 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	WO01	PCA received	6 Jan 2012	10 Jan 2011	PCT/EP2012/050019	WO2012/095472	19 Jul 2012			Test method for type 3i receiver in multicarrier configuration
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	US13/031,440	US2012/0213197	23 Aug 2012			Transfer of several calls in SRVCC (PS to CS)

Case ref.#	Country	Status	Proposed title	Submission date	Invention date
RM135167	Family	ToEval	On ProSe operation in RRC_Idle	31 Jul 2013	25 Jul 2013
RM135166	Family	ToEval	NAS COUNT failure in inter-system change	25 Jul 2013	24 Jul 2013
RM135163	Family	ToEval	RF sensitivity and data throughput improvement by re-arranging/increasing number of receiver's signal paths	5 Jul 2013	4 Jul 2013
RM135155	Family	InEval	RF current consumption saving at low power level using RF tuning in production	19 Jun 2013	19 Jun 2013
RM135154	Family	InEval	RF current consumption saving using RF test results in production	17 Jun 2013	16 Apr 2013
RM135153	Family	InEval	3GPP conformable balancing method of electrical balance duplexer	20 Jun 2013	28 Mar 2013
RM135151	Family	ToEval	Enhanced SI Transmission	30 Jun 2013	2 Jun 2013
RM135150	Family	InEval	Enhanced Harmonic Rejection Mixer	14 Jun 2013	25 Oct 2012
RM135147	Family	InEval	Power control enhancement to compensate interference level changes in TDM scheduled HSUPA	12 Jun 2013	10 Jun 2013
RM135143	Family	ToEval	Signaling and principle for D2D link setup after discovery signal detection	9 Jun 2013	7 Jun 2013
RM135142	Family	ToEval	Enhanced security design for dual connectivity in small cells	8 Jun 2013	6 Jun 2013
RM135140	Family	ToEval	Enhanced physical layer signaling to support CA in flexible TDD system	8 Jun 2013	28 May 2013
RM135139	Family	InEval	RSSI hopping algorithm in initial synchronization	7 Jun 2013	7 Jun 2013
RM135136	Family	InEval	Accuracy optimization for integrated temperature sensor that uses external NTC	31 May 2013	8 Feb 2012
RM135125	Family	ToEval	Enhanced Mobility Management behavior for establishing PS emergency sessions over existing IMS PDN connection (Revised)	30 Apr 2013	30 Apr 2013
RM135116	Family	ToEval	Restoration of HPLMN connectivity	24 Apr 2013	24 Apr 2013
RM135113	Family	ToEval	Preference indicator to split the UL and DL for macro and small cell scenario with UL/DL power imbalance issue	23 Apr 2013	8 Apr 2013
RM135110	Family	InEval	Energy saving procedure for non-overlapping scenario	16 Apr 2013	14 Mar 2013
RM135107	Family	InEval	Integrated Multi-Lane Clock Tolerance Compensation and De-Skew mechanism for Wireline interfaces	16 Apr 2013	3 Dec 2012
RM135106	Family	ToEval	Mechanism to reduce interference between UEs in flexible TDD systems	8 Apr 2013	8 Apr 2013
RM135102	Family	ToEval	TTI Bundling Collision Handling	3 Apr 2013	2 Apr 2013
RM135085	Family	ToEval	Handling repetition length ambiguity for extreme coverage MTC	12 Mar 2013	12 Mar 2013
RM135081	Family	ToEval	ESM STATUS to network if the network request to deactivate the default bearer of the last PDN connection	6 Mar 2013	28 Feb 2013
RM135071	Family	ToEval	DRX operation for multiple TTI scheduling	1 Mar 2013	15 Feb 2013
RM135060	Family	InEval	UE mobility scheme in mixed dormant and active cells	25 Feb 2013	24 Jan 2013
RM135058	Family	ToEval	Race condition on uplink data/signaling and CSFB mobile terminated call	22 Feb 2013	21 Feb 2013
RM135019	Family	ToEval	CSI measurement configuration with reduced control signalling on NCT	23 Jan 2013	23 Jan 2013
RM126379	Family	ToEval	UE initiated handover procedure with dual connection in local area network	16 Nov 2012	20 Oct 2012
RM126358	Family	ToEval	New Attach after cause #19 ESM failure	2 Nov 2012	26 Oct 2012
RM135164	Family	InDrafting	Detection of Frequency Correction Burst Transmissions in GSM Networks	9 Jul 2013	9 Jul 2013
RM135164	GB01	InDrafting	Detection of Frequency Correction Burst Transmissions in GSM Networks	9 Jul 2013	9 Jul 2013
RM135075	Family	InDrafting	Transmitter Intermodulation Cancellation for Carrier Aggregation/Multiband operation	4 Mar 2013	11 Jun 2012
RM135075	WO01	InDrafting	Transmitter Intermodulation Cancellation for Carrier Aggregation/Multiband operation	4 Mar 2013	11 Jun 2012
RM135009	Family	InDrafting	Real-time recursive channel estimation for improved channel tracking capability with low-cost computational complexity	13 Jan 2013	
RM135009	US01	InDrafting	Real-time recursive channel estimation for improved channel tracking capability with low-cost computational complexity	13 Jan 2013	
RM126314	Family	InDrafting	Wake-up lead-time self-calibration technique for power saving	4 Oct 2012	2 Oct 2012
RM126314	WO01	InDrafting	Wake-up lead-time self-calibration technique for power saving	4 Oct 2012	2 Oct 2012

RM126193	Family	InDrafting	Transmitter Harmonic Cancellation for Carrier Aggregation/Multiband operation	13 Jun 2012	
RM126193	WO01	InDrafting	Transmitter Harmonic Cancellation for Carrier Aggregation/Multiband operation	13 Jun 2012	16 May 2012



NOTARIAL CERTIFICATE

This is to certify that Yasuhiro Mishiro 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 Yasuhiro Mishiro 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.

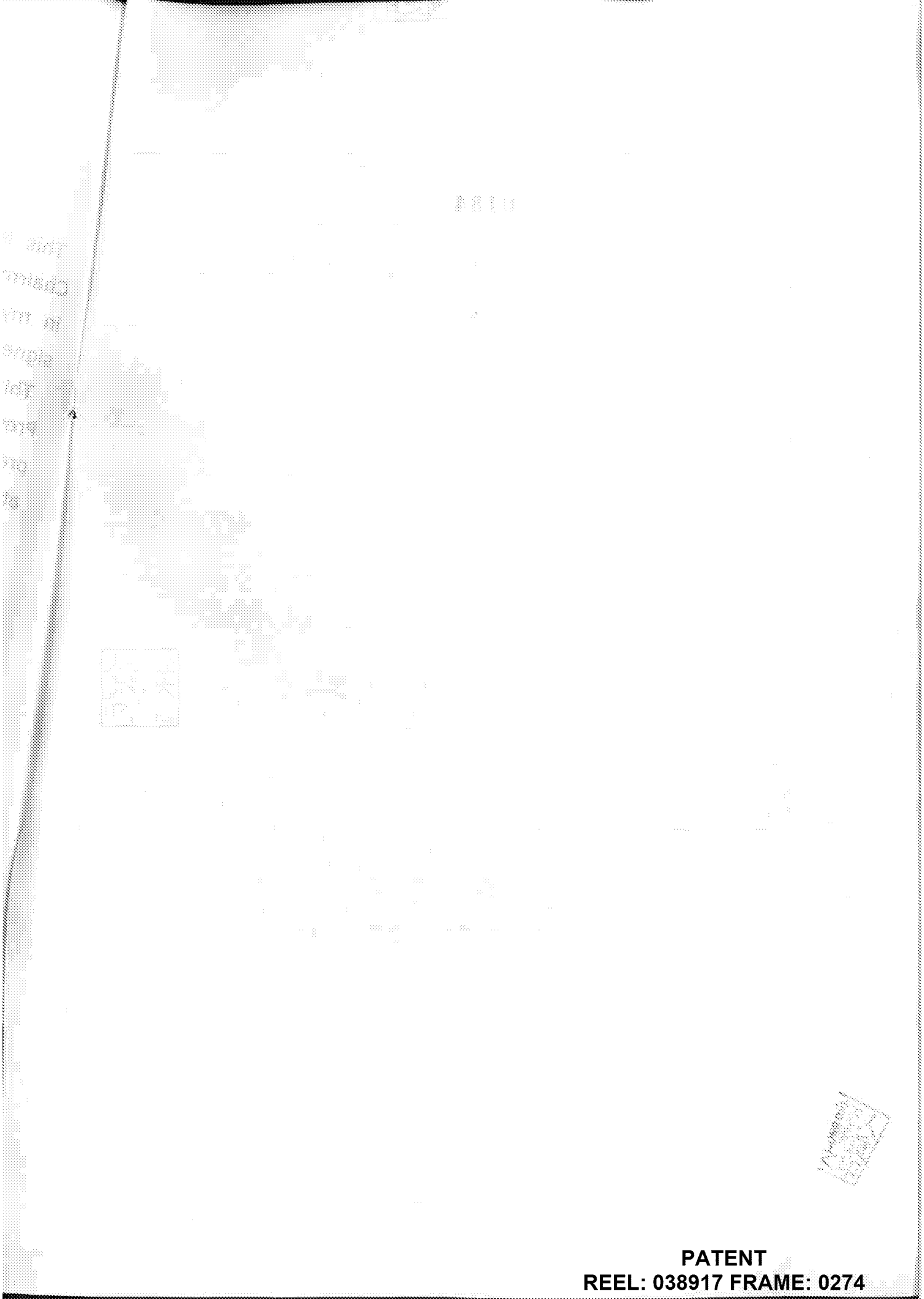
Dated this 30th day of September, 2013.

公証人 大野重國之印

S. Ono

Shigekuni Ono
NOTARY
3-1, Marunouchi 3-chome,
Chiyoda-ku, Tokyo
Tokyo Legal Affairs Bureau

3-CHOME, CHIYODA-KU, TOKYO, JAPAN · MARUNOUCHI · LEGAL AFFAIRS BUREAU · ATTACHED TO TOKYO
NOTARY



平成２５年登簿第 0184 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三代恭裕は、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９月３０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