PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2829250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENESAS ELECTRONICS CORPORATION	10/01/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 28

Property Type	Number
Application Number:	13668940
Application Number:	13672305
Application Number:	13451023
Application Number:	13170868
Application Number:	13305336
Application Number:	13301924
Application Number:	13291799
Application Number:	13078223
Application Number:	13289544
Application Number:	13251376
Application Number:	13251685
Application Number:	13287549
Application Number:	13246326
Application Number:	13267571
Application Number:	13279889
Application Number:	13180791
Application Number:	13180737
Application Number:	13173767
Application Number:	13215877
Application Number:	13099786

Property Type	Number
Application Number:	13096199
Application Number:	13098873
Application Number:	13111166
Application Number:	13081888
Application Number:	13078054
Application Number:	13078266
Application Number:	13069765
Application Number:	13025298

CORRESPONDENCE DATA

Fax Number:

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

Email: patent@stantonip.com
Correspondent Name: STANTON IP LAW
Address Line 1: 433 SOUTH MAIN STREET, #105
Address Line 4: WEST HARTFORD, CONNECTICUT 06110

ATTORNEY DOCKET NUMBER:	12.500US01-12.0643US01
NAME OF SUBMITTER:	JERRY
SIGNATURE:	/Jerry Stanton/
DATE SIGNED:	04/25/2014

Total Attachments: 67
source=Assignment from Renesas to BIL#page1.tif
source=Assignment from Renesas to BIL#page2.tif
source=Assignment from Renesas to BIL#page3.tif
source=Assignment from Renesas to BIL#page4.tif
source=Assignment from Renesas to BIL#page5.tif
source=Assignment from Renesas to BIL#page6.tif
source=Assignment from Renesas to BIL#page7.tif
source=Assignment from Renesas to BIL#page8.tif
source=Assignment from Renesas to BIL#page9.tif
source=Assignment from Renesas to BIL#page10.tif
source=Assignment from Renesas to BIL#page11.tif
source=Assignment from Renesas to BIL#page12.tif
source=Assignment from Renesas to BIL#page13.tif
source=Assignment from Renesas to BIL#page14.tif
source=Assignment from Renesas to BIL#page15.tif
source=Assignment from Renesas to BIL#page16.tif
source=Assignment from Renesas to BIL#page17.tif
source=Assignment from Renesas to BIL#page18.tif
source=Assignment from Renesas to BIL#page19.tif
source=Assignment from Renesas to BIL#page20.tif
source=Assignment from Renesas to BIL#page21.tif

source=Assignment from Renesas to BIL#page22.tif
source=Assignment from Renesas to BIL#page23.tif
source=Assignment from Renesas to BIL#page24.tif
source=Assignment from Renesas to BIL#page25.tif
source=Assignment from Renesas to BIL#page26.tif
source=Assignment from Renesas to BIL#page27.tif
source=Assignment from Renesas to BIL#page28.tif
source=Assignment from Renesas to BIL#page29.tif
source=Assignment from Renesas to BIL#page30.tif
source=Assignment from Renesas to BIL#page31.tif
source=Assignment from Renesas to BIL#page32.tif
source=Assignment from Renesas to BIL#page33.tif
source=Assignment from Renesas to BIL#page34.tif
source=Assignment from Renesas to BIL#page35.tif
source=Assignment from Renesas to BIL#page36.tif
source=Assignment from Renesas to BIL#page37.tif
source=Assignment from Renesas to BIL#page38.tif
source=Assignment from Renesas to BIL#page39.tif
source=Assignment from Renesas to BIL#page40.tif
source=Assignment from Renesas to BIL#page41.tif
source=Assignment from Renesas to BIL#page42.tif
source=Assignment from Renesas to BIL#page43.tif
source=Assignment from Renesas to BIL#page44.tif
source=Assignment from Renesas to BIL#page45.tif
source=Assignment from Renesas to BIL#page46.tif
source=Assignment from Renesas to BIL#page47.tif
source=Assignment from Renesas to BIL#page48.tif
source=Assignment from Renesas to BIL#page49.tif
source=Assignment from Renesas to BIL#page50.tif
source=Assignment from Renesas to BIL#page51.tif
source=Assignment from Renesas to BIL#page52.tif
source=Assignment from Renesas to BIL#page53.tif
source=Assignment from Renesas to BIL#page54.tif
source=Assignment from Renesas to BIL#page55.tif
source=Assignment from Renesas to BIL#page56.tif
source=Assignment from Renesas to BIL#page57.tif
source=Assignment from Renesas to BIL#page58.tif
source=Assignment from Renesas to BIL#page59.tif
source=Assignment from Renesas to BIL#page60.tif
source=Assignment from Renesas to BIL#page61.tif
source=Assignment from Renesas to BIL#page62.tif
source=Assignment from Renesas to BIL#page63.tif
source=Assignment from Renesas to BIL#page64.tif
source=Assignment from Renesas to BIL#page65.tif
source=Assignment from Renesas to BIL#page66.tif
source=Assignment from Renesas to BIL#page67.tif

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Patent Assignment") is made and entered into as of October 1, 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

										Efficient traffic steering for IDLE/CONNECTED UE
RM135157	WO01	Filed	6 Aug 2013	6 Aug 2013	PCT/CN2013/080168					Efficient traffic steering for IDLE/CONNECTED UE
RM135153	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
RM135149	GB01	Filed	2 Jul 2013	2 Jul 2013	GB1311831.0					Method and apparatus of reconfiguration status indicator
RM135146	Family	Filed	23 Feb 2012	23 Feb 2012						RM115449 On Feedback Design in Discovery Process
RM135146	GB01	Filed	23 Feb 2012	23 Feb 2013	GB1203165.4					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
RM135144	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205973.9					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	GB1312583.9					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	US13/908508					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/CN2013/079022					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	GB1314586.3					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	GB1309103.8					LTE-A eNB category indication
RM135128	Family	Filed	17 May 2013	17 May 2013						Enabling CoMP for flexible TDD systems
RM135128	WO01	Filed	17 May 2013	17 May 2013	PCT/CN2013/075837					Enabling CoMP for flexible TDD systems
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/CN2013/075960					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	GB1308478.5					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/CN2013/078868					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/CN2013/079939					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/CN2013/076655					Channel configuration for UL simultaneous transmission in dual connectivity
RM135116	Family	Filed	10 May 2013	10 May 2013						MTC traffic volume and periodicity threshold indications
RM135116	GB01	Filed	10 May 2013	10 May 2013	GB1308401.7					MTC traffic volume and periodicity threshold indications
RM135115	Family	Filed	29 May 2013	29 May 2013						Method and apparatus for indicating network capability
RM135115	GB01	Filed	29 May 2013	29 May 2013	GB1309650.6					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/CN2013/075451					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/CN2013/075458					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	Proposed title
RM135097	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/073711					Solution to handle DL SPS retransmission
RM135096	Family	Filed	2 Apr 2013	2 Apr 2013						A mechanism to discover devices and application users
RM135095	US01	Filed	2 Apr 2013	2 Apr 2013	US61/807584					A mechanism to discover devices and application users
RM135094	Family	Filed	12 Apr 2013	12 Apr 2013						ANDSF aided network control in 3GPP WLAN interworking
RM135094	WO01	Filed	12 Apr 2013	12 Apr 2013	PCT/CN2013/074412					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	GB1310650.5					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	GB1308930.8					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	US13/851358					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	GB1310397.8					Dynamic configuration of receiver SNR to support different modulation types
RM135086	Family	Filed	6 May 2013	6 May 2013						Methods to enable efficient sleep-active eNB mode switch
RM135086	WO01	Filed	6 May 2013	6 May 2013	PCT/CN2013/075194					Methods to enable efficient sleep-active eNB mode switch
RM135082	Family	Filed	3 Apr 2013	3 Apr 2013						Network triggered UE switch back to LTE from WLAN
RM135082	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073750					Network triggered UE switch back to LTE from WLAN
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	GB1308444.8					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						PDI signaling for advanced receivers
RM135070	GB01	Filed	5 Apr 2013	5 Apr 2013	GB1306183.3					PDI 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/CN2013/070851					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 H(e)NB mobility
RM135062	GB01	Filed	19 Apr 2013	19 Apr 2013	GB1307067.7					Method and apparatus for H(e)NB 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	US61/821960					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	GB1305608.6					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

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
RM135051	Family	Filed	6 Mar 2013	6 Mar 2013						UE adapting to network behavior during CSFB call establishment
RM135051	GB01	Filed	6 Mar 2013	6 Mar 2013	GB1304034.0					UE adapting to network behavior during CSFB call establishment
RM135061	Family	Filed	3 Apr 2013	3 Apr 2013						Necessary signaling and criteria to de-cluster eMTA clusters
RM135061	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073756					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	GB1309061.9					Method and apparatus for DF-DC mobility
RM135046	Family	Filed	3 Jun 2013	3 Jun 2013						Method and Apparatus for Securely Changing Root Key of Chip
RM135046	GB01	Filed	3 Jun 2013	3 Jun 2013	GB1309842.1					Method and Apparatus for Securely Changing Root Key of Chip
RM135045	Family	Filed	28 Mar 2013	28 Mar 2013						Method and apparatus for uplink message size reduction
RM135045	GB01	Filed	28 Mar 2013	28 Mar 2013	GB1305575.6					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
RM135038	Family	Filed	15 Mar 2013	15 Mar 2013						on AP controlled access in 802.11
RM135038	GB01	Filed	15 Mar 2013	15 Mar 2013	GB1304636.8					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	GB1303804.5					Restricted Access Window (RAW) for Mixed BSS Types
RM135036	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	GB1308848.3					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	GB1311898.0					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
RM135019	Family	Filed	2 Jul 2010	2 Jul 2010						Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135019	FR01	Granted	2 Jul 2010	2 Jul 2010	FR2010003563	FR2962274	6 Jan 2012	FR2962274	10 Aug 2012	Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
RM135018	US01	Granted	1 Jul 2011	2 Jul 2010	US13/175457	US20120002757	1 May 2012	US8442155	14 May 2013	Boucle d'annulation de composantes continues Procedure for the removal of the DC component inherent in a radio frequency chain
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	28 Mar 2013	28 Mar 2013						Connection Re-establishment after Losing Connection to Network
RM135017	WO01	Filed	29 Mar 2013	29 Mar 2013	PCT/CN2013/073448					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/CN2013/073686					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	GB1305892.5					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	GB1309865.8					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	Start date	Title
RM135206	Family	Filed	1 Apr 2013	1 Apr 2013						Additional assistance information for CRS interference cancellation in LA networks with flexible TDD
RM135206	WO01	Filed	1 Apr 2013	1 Apr 2013	PCT/CN2013/073597					Additional assistance information for CRS interference cancellation in LA networks with flexible TDD
RM135202	Family	Filed	8 May 2013	8 May 2013						System and method of handling de-registration procedures based on access restrictions
RM135202	IN01	Filed	8 May 2013	8 May 2013	IN1572/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/CN2013/073696					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	GB1300865.9					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/CN2013/073697					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	GB1300883.9					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	GB1206729.5					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	15 Apr 2013	15 Apr 2013						Compatible and Agile Carrier Aggregation Front End #5
RM126448	GB01	Filed	15 Apr 2013	15 Apr 2013	GB1306821.6					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	GB1301962.8					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/CN2013/070360					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	16 Jan 2013	16 Jan 2013	PCT/CN2013/070370					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 IDC
RM126438	WO01	Filed	3 Apr 2013	3 Apr 2013	PCT/CN2013/073753					Autonomous Carrier Allocation Change Occasion of CA based IDC
RM126435	Family	Filed	25 Feb 2013	25 Feb 2013						Dormant cell detection and report configurations
RM126435	WO01	Filed	25 Feb 2013	25 Feb 2013	PCT/CN2013/071853					Dormant cell detection and report configurations
RM126432	Family	Filed	9 Apr 2013	9 Apr 2013						Accurate interference level measurement based on power offset indication
RM126432	WO01	Filed	9 Apr 2013	9 Apr 2013	PCT/CN2013/073815					Accurate interference level measurement based on power offset indication
RM126431	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	Title
RM126432	GB01	Filed	18 Jan 2013	18 Jan 2013	GB1300922.0					Access control handling upon SRNS relocation
RM126432	Family	Filed	24 Jan 2013	24 Jan 2013						On the Transmission Opportunity (TXOP) with HARQ protocol
RM126432	GB01	Filed	24 Jan 2013	24 Jan 2013	GB1301283.5					On the Transmission Opportunity (TXOP) with HARQ protocol
RM126430	Family	Filed	21 Jan 2013	21 Jan 2013						Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126430	GB01	Filed	21 Jan 2013	21 Jan 2013	GB1301014.6					Measurements of configured carriers for multicarrier HSDPA where measurement occasions are determined by compressed mode parameters
RM126429	Family	Filed	18 Jan 2013	18 Jan 2013						Cross Link BSR Report in Dual Connection
RM126429	WO01	Closed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070314					Cross Link BSR Report in Dual Connection
RM126429	WO02	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070650					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
RM126426	Family	Filed	18 Jan 2013	18 Jan 2013						Enhanced Broadcast Channel for Low Cost MTC with Coverage Enhancement
RM126426	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/CN2013/073756					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	GB1305981.0					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	GB1305930.8					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	GB1305835.3					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/CN2013/073830					Cell identification signal design form dormant state cell
RM126416	Family	Filed	18 Jan 2013	18 Jan 2013						Data Transmissions for Low Cost MTC with Coverage Enhancement
RM126416	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070688					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						COI enhancement in flexible TDD systems
RM126412	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070658					COI 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	GB1300925.3					Optimization for HetNet operation
RM126407	Family	Filed	17 Jan 2013	17 Jan 2013						Method for assisting on network selection
RM126407	GB01	IPO4 received	17 Jan 2013	17 Jan 2013	GB1300860.0					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	GB1301388.9					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	Family	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
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/CN2013/000386					Enhanced SCH for coverage improvement for low cost LTE devices
RM126399	Family	Filed	11 Apr 2013	11 Apr 2013						Method and apparatus of analog predistortion for single-ended modulator
RM126399	GB01	Filed	11 Apr 2013	11 Apr 2013	GB1306566.6					Method and apparatus of analog predistortion for single-ended modulator
RM126398	Family	Filed	9 Aug 2013	9 Aug 2013						On concurrent ProSe and infrastructure based communication
RM126398	GB01	Filed	9 Aug 2013	9 Aug 2013	GB1314375.9					On concurrent ProSe and infrastructure based communication
RM126397	Family	Filed	16 Jan 2013	16 Jan 2013						ePDCCH configuration for Standalone New Carrier Type
RM126397	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070639					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/CN2013/070360					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	GB1223280.9					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/CN2013/070096					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/CN2013/070705					PRACH coverage improvement for MTC UE
RM126388	Family	Filed	31 Jan 2013	31 Jan 2013						Data compression C-Plane aspect
RM126389	GB01	Filed	31 Jan 2013	31 Jan 2013	GB1301707.4					Data compression C-Plane aspect
RM126386	Family	Filed	5 Jul 2013	5 Jul 2013						Antenna environment profile
RM126388	GB01	Filed	5 Jul 2013	5 Jul 2013	GB1312126.4					Antenna environment profile
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/CN2013/070227					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/CN2013/071557					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/CN2013/070422					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	GB1309707.8					Method and apparatus for configuring timing advance groups
RM126373	Family	Filed	16 Jan 2013	16 Jan 2013						Enhanced repetition transmission for DL control signal to improve the MTC coverage
RM126373	WO01	Filed	16 Jan 2013	16 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	GB1305629.8					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	GB1305939.7					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	GB1220510.6					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

Schedule 9.3(4)
Transferred IP
Patent Assets

Case Ref #	Country	Status	Filing Date	Earliest priority date	Application number					
RM126365	WO01	Filed	16 Jan 2013	16 Jan 2013	PCT/CN2013/070554					Adapted CA 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/CN2013/074215					Improved scheme on protected resource coordination in small cell enhanced LA network
RM126359	Family	Filed	8 Jan 2013	8 Jan 2013						UE-to-UE reception with measurement receiver
RM126359	GB01	Response filed to POA	8 Jan 2013	8 Jan 2013	GB1300279.5					UE-to-UE reception with measurement receiver
RM126359	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/CN2013/073287					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	GB1221512.8					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/CN2012/087115					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/CN2012/086453					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 2013	3 Nov 2012	PCT/CN2012/084044					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/CN2013/073668					Implicit resource allocation for public safety group communication with restriction indication
RM126346	Family	Filed	28 May 2013	28 May 2013						A Novel Base Station Overhearing Scheme for Local Area Cells
RM126346	GB01	Filed	28 May 2013	28 May 2013	GB1309501.3					A Novel Base Station Overhearing Scheme for Local Area Cells
RM126345	Family	Filed	18 Jan 2013	18 Jan 2013						UE assisted WLAN radio resource management in WLAN and 3GPP interworking
RM126345	WO01	Filed	18 Jan 2013	18 Jan 2013	PCT/CN2013/070705					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/CN2013/070207					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	GB1219765.1					Intelligent handling of RRC connection release delay
RM126340	US01	POA received	2 Nov 2012	2 Nov 2012	US13/668948					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	GB1301552.8					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	GB1301705.6					3G HSDPA payload lossless compression at L2
RM126337	Family	Filed	5 Nov 2012	5 Nov 2012						T3312 start with T3412 value if barred or backed off
RM126337	GB01	POA received	5 Nov 2012	5 Nov 2012	GB1219862.8					T3212 start with T3412 value if barred or backed off

Schedule 8.3(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
RM126/00	GB02	Filed	5 Aug 2013	5 Nov 2012	GB1313914.4					T3212 start with T3512 value 0 barred or backed off
RM126335	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/CN2012/086015					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 HCT
RM126335	WO01	Filed	14 Jan 2013	14 Jan 2013	PCT/CN2013/070342					CSI Report triggering with reduced DL control overhead for HCT
RM126333	Family	Filed	15 Jan 2013	15 Jan 2013						Adaptive LNA to support single-ended and differential input matching configurations
RM126333	GB01	POA received	15 Jan 2013	15 Jan 2013	GB1300766.9					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/CN2013/070702					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	GB1306013.2					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	GB1222644.5					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	GB1222186.1					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/CN2013/071154					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	GB1222643.7					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/CN2013/070026					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	GB1309560.9					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 HD3 in IDC
RM126320	WO01	Filed	2 Nov 2012	2 Nov 2012	PCT/CN2012/083989					Necessary signaling and procedure to solve HD3 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	GB1223272.4					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	GB1223268.0					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
RM126313	Family	Filed	2 Nov 2012	2 Nov 2012						Link Local Domain for 3GPP Proximity Services
RM126313	GB01	POA received	2 Nov 2012	2 Nov 2012	GB1219786.9					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	GB1221824.4					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/CN2013/070983					RLF and HOF handling for dual connection

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Publication title	Grant date	Title
RM126307	Family	Filed	2 Apr 2013	2 Apr 2013						Method and Apparatus for Configuring Measurement Gaps
RM126307	GB01	Filed	2 Apr 2013	2 Apr 2013	GB1305886.3					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	GB1222608.7					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/CN2012/087782					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	PCA received	21 Nov 2012	21 Nov 2012	GB1220956.5					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	GB1222354.7					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/CN2012/086091					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	PCA received	23 Oct 2012	23 Oct 2012	GB1219044.3					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	GB1222810.8					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/CN2012/082240					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	GB1218091.5					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	GB1217795.7					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	GB1217315.8					Handling of autonomous denials in a communication system
RM126291	Family	Filed	9 May 2013	9 May 2013						Connection release for dual connection in LA network
RM126291	WO01	Filed	9 May 2013	9 May 2013	PCT/CN2013/075481					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	GB1221718.6					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	GB1219885.9					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	GB1219717.4					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						Cat roof antenna concept
RM126284	GB01	Filed	30 Oct 2012	30 Oct 2012	GB1219624.4					Cat roof antenna concept
RM126283	Family	Filed	3 Oct 2012	3 Oct 2012						EPS attachment with delayed EPS bearer context activation
RM126283	GB01	Filed	3 Oct 2012	3 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 R-SRVCC in the case of failed HO

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	Description
RM126262	GB01	Filed	5 Oct 2012	5 Oct 2012	GB1217992.7					Handling of IMS parameters related to PSRVCC in the case of failed HO
RM126261	Family	Filed	12 Nov 2012	12 Nov 2012						RF FE for antenna sharing
RM126261	GB01	POA received	12 Nov 2012	12 Nov 2012	GB1220203.8					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	GB1220683.4					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	GB1220012.3					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	POA received	10 Oct 2012	10 Oct 2012	GB1218203.8					HetNet Idle mode reselection X-factor
RM126276	Family	Filed	7 Jan 2013	7 Jan 2013						Control signaling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB01	Filed	7 Jan 2013	7 Jan 2013	GB1300840.2					Control signaling enhancements for improved coverage of low-cost MTC devices in LTE
RM126276	GB02	Closed	7 Jan 2013	7 Jan 2013	GB1300186.2					Control signaling 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 IMO in IDC
RM126274	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082375					Necessary signaling and procedures to solve IMO in IDC
RM126273	Family	Filed	1 Oct 2012	1 Oct 2012						Signalling the amount of actual A-MPR
RM126273	GB01	POA received	1 Oct 2012	1 Oct 2012	GB1217597.8					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	POA 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/CN2012/082548					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	GB1219781.9					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	GB1219719.0					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	GB1219572.8					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	GB1221420.1					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/CN2013/070771					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/CN2012/082724					Handover procedure with dual connection in local area network

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent (Y/N)	Grant date	Subject matter
RM126258	Family	Filed	21 Aug 2012	21 Aug 2012						PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	GB01	Filed	21 Aug 2013	21 Aug 2012	GB1214894.3					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	US01	toDrafting		21 Aug 2012						PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126258	WO01	Filed	15 Aug 2013	21 Aug 2012	PCT/IB2013/056667					PLMN ID to structure of envelope (EVENT DOWNLOAD ? CSG Cell Selection)
RM126257	Family	Filed	16 Oct 2012	16 Oct 2012						Envelope tracking transmitter with variable differential delay
RM126257	GB01	Filed	16 Oct 2012	16 Oct 2012	GB1218674.0					Envelope tracking transmitter with variable differential delay
RM126256	Family	Filed	17 Oct 2012	17 Oct 2012						low power assumption static MTC in connected mode
RM126256	WO01	Filed	17 Oct 2012	17 Oct 2012	PCT/CN2012/083057					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	GB1217787.7	GB2495038	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/IB2012/002678					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	US61/680,027					CS domain congestion control in combined registration when PS domain is not congested
RM126251	US02	ToFiling		6 Aug 2012						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	8 Aug 2012	8 Aug 2012	PCT/CN2012/079889					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 2013	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/CN2012/079736					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 2012	6 Sep 2012	PCT/CN2013/081081					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 2012	31 Oct 2012	PCT/CN2012/083629					Multiplexed Transmission of Data from Multiple DL HARQ Processes for LTE TDD Flexible Switching Operation
RM126243	Family	Filed	22 Nov 2012	22 Nov 2012						Assistant info for new carrier type mobility
RM126242	WO01	Filed	22 Nov 2012	22 Nov 2012	PCT/CN2012/085973					Assistant info for new carrier type mobility
RM126242	WO02	Filed	1 Aug 2013	22 Nov 2012	PCT/IB2013/059313					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	GB1219718.2					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 2012	11 Oct 2012	PCT/CN2012/082360					LTE assisted WLAN AP discovery
RM126235	Family	Filed	20 Jul 2012	20 Jul 2012						Control of the enhanced RSSI scan
RM126235	US03	Granted	20 Jul 2012	20 Jul 2013	US13/554,132			US8,391,882	5 Mar 2013	Control of the enhanced RSSI scan
RM126234	Family	Filed	22 Nov 2012	22 Nov 2012						DRX operation for dual-connection

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	PCT/GB/EP date	Grant number	Grant date	Comments
RM126234	WO01	Filed	22 Nov 2012	22 Nov 2012	PCT/CN2012/085035					DRX operation for dual-connection
RM126233	Family	Filed	27 Sep 2012	27 Sep 2012						Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126233	WO01	Filed	27 Sep 2012	27 Sep 2012	PCT/CN2012/082417					Enhancement of eICIC solution in HetNets with overlapping pico cells
RM126231	Family	Filed	31 Oct 2012	31 Oct 2012						Improved method for determining UE power limited status in HSUPA
RM126231	GB01	Filed	31 Oct 2012	31 Oct 2012	GB1219563.5	GB2496733	22 May 2013			Improved method for determining UE power limited status in HSUPA
RM126230	Family	Filed	6 Aug 2012	6 Aug 2012						Methods of faster cell reselection upon RRC Connection Reject
RM126230	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213664.8					Methods of faster cell reselection upon RRC Connection Reject
RM126230	WO01	Filed	6 Aug 2013	6 Aug 2012	PCT/IB2013/056411					Methods of faster cell reselection upon RRC Connection Reject
RM126229	Family	Filed	6 Aug 2012	6 Aug 2012						UE power saving indication prohibit timer calculation
RM126229	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213573.8					UE power saving indication prohibit timer calculation
RM126229	US01	Filed	6 Aug 2013	6 Aug 2013	US13960021					UE power saving indication prohibit timer calculation
RM126228	Family	Filed	26 Oct 2012	26 Oct 2012						Handling of CSI reporting upon CQI-mask
RM126228	WO01	POA received	26 Oct 2012	26 Oct 2012	PCT/CN2012/083382					Handling of CSI reporting upon CQI-mask
RM126226	Family	Filed	6 Aug 2012	6 Aug 2012						Whitelist for limiting detected set cells for measurement
RM126226	GB01	Filed	6 Aug 2012	6 Aug 2012	GB1213968.7					Whitelist for limiting detected set cells for measurement
RM126225	Family	Filed	10 Aug 2012	10 Aug 2012						L2 controlled fast dormancy
RM126225	GB01	Filed	10 Aug 2012	10 Aug 2012	GB1214343.4					L2 controlled fast dormancy
RM126225	WO01	Filed	8 Aug 2013	10 Aug 2012	PCT/IB2013/056569					L2 controlled fast dormancy
RM126224	Family	Filed	2 Aug 2012	2 Aug 2012						Inter-RAT Fast Dormancy and RAT preference indication
RM126224	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213767.3					Inter-RAT Fast Dormancy and RAT preference indication
RM126224	WO01	Filed	1 Aug 2013	2 Aug 2012	PCT/IB2013/056312					Inter-RAT Fast Dormancy and RAT preference indication
RM126222	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart measured result reporting
RM126222	GB01	POA received	3 Aug 2012	3 Aug 2012	GB1213783.9	GB2496018	1 May 2013			Method and apparatus of smart measured result reporting
RM126222	US01	Filed	16 Apr 2013	3 Aug 2012	US13863936					Method and apparatus of smart measured result reporting
RM126222	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079864					Method and apparatus of smart measured result reporting
RM126221	Family	Filed	3 Aug 2012	3 Aug 2012						Method and apparatus of smart E-RGCH monitoring set maintenance
RM126221	GB01	Filed	3 Aug 2012	3 Aug 2012	GB1213875.6	GB2499290	30 Jan 2013			Method and apparatus of smart E-RGCH monitoring set maintenance
RM126220	Family	Filed	16 Jul 2012	16 Jul 2012						Data Exchange Enhancement
RM126220	GB01	Filed	16 Jul 2012	16 Jul 2012	GB1212666.6					Data Exchange Enhancement
RM126219	Family	Filed	16 Jul 2012	16 Jul 2012						PS-Poll Sleep Duration Indication
RM126219	GB01	Filed	16 Jul 2012	16 Jul 2012	GB1212647.0					PS-Poll Sleep Duration Indication
RM126219	WO01	Filed	16 Jul 2013	16 Jul 2012	PCT/IB2013/055839					PS-Poll Sleep Duration Indication
RM126218	Family	Filed	29 Aug 2012	29 Aug 2012						Probe based paging optimization in R12 dense deployed LA scenario
RM126218	WO01	Filed	29 Aug 2012	29 Aug 2012	PCT/CN2012/080070					Probe based paging optimization in R12 dense deployed LA scenario
RM126216	Family	Filed	16 Jul 2012	16 Jul 2012						Energy Efficient CBSS Reporting
RM126216	US01	Filed	16 Jul 2012	16 Jul 2012	US13/549849					Energy Efficient CBSS Reporting
RM126215	Family	Filed	16 Nov 2012	16 Nov 2012						Enhancement on LP-ABS set in eICIC of HetNets
RM126215	WO01	Filed	16 Nov 2012	16 Nov 2012	PCT/CN2012/084479					Enhancement on LP-ABS set in eICIC of HetNets
RM126213	Family	Filed	12 Jul 2012	12 Jul 2012						Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126213	GB01	Filed	12 Jul 2012	12 Jul 2012	GB1212589.9	GB2491050	21 Nov 2012			Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126213	WO01	Filed	11 Jul 2013	12 Jul 2012	PCT/IB2013/055703					Method and apparatus of delaying RLC unrecoverable error when CS call established
RM126212	Family	Filed	10 Sep 2012	10 Sep 2012						Configuration and Uplink Control Information Transmissions for Inter-eNB Carrier Aggregation

Case no.	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Grant number	Grant date	Description
RM126212	WO01	Filed	10 Sep 2012	10 Sep 2012	PCT/CN2012/081116					Configuration and Uplink 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	POA received	11 Dec 2012	11 Dec 2012	GB1222602.9					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
RM126208	Family	Filed	19 Oct 2012	19 Oct 2012						Controlling modem RX data paths according to TX antenna selection
RM126208	GB01	Filed	19 Oct 2012	19 Oct 2012	GB1218965.2					Controlling modem RX data paths according to TX antenna selection
RM126208	GB02	Filed	23 Oct 2012	19 Oct 2012	GB1218038.3					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	POA received	28 Jun 2012	28 Jun 2012	GB1211456.9	GB2481277	28 Nov 2012			Method and apparatus of smart measurement reporting in weak field
RM126204	WO01	Filed	28 Jun 2013	28 Jun 2012	PCT/EP2013/063260					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 2012	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	GB2504754	26 Mar 2013			Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126202	WO01	Filed	26 Jul 2013	30 Jul 2012	PCT/IB2013/056136					Cell Reselection Enhancement for UE Initiated Calls in HetNet Scenario
RM126199	Family	Filed	28 Sep 2012	28 Sep 2012						Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126199	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082445					Privacy-Aware Communication Scheme in Advanced Metering Infrastructure (AMI) Systems
RM126196	Family	Filed	12 Oct 2012	12 Oct 2012						On ProSe EUTRAN capability in intra-EUTRAN mobility
RM126196	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	US13/550,045					Connectivity Enhancement for Wireless Communication System
RM126197	WO01	Filed	15 Jul 2013	16 Jul 2012	PCT/IB2013/055826					Connectivity Enhancement for Wireless Communication System
RM126186	Family	Filed	3 Aug 2012	3 Aug 2012						Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126186	WO01	Filed	3 Aug 2012	3 Aug 2012	PCT/CN2012/079964					Efficient method to management the UL transmission and UL physical channel resource in local area cells
RM126185	Family	Filed	30 Aug 2012	30 Aug 2012						Glitch indicator for carrier aggregation
RM126185	WO01	Filed	30 Aug 2013	30 Aug 2012	PCT/CN2012/080380					Glitch indicator for carrier aggregation
RM126184	Family	Filed	28 Sep 2012	28 Sep 2012						Enhancement of contention based UL transmission in LA network
RM126184	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/CN2012/082242					Enhancement of contention based UL transmission in LA network
RM126182	Family	Filed	4 Sep 2012	4 Sep 2012						Power efficient broadcast signal and mode indication for sleeping eNB
RM126182	WO01	Filed	4 Sep 2012	4 Sep 2012	PCT/CN2012/080858					Power efficient broadcast signal and mode indication for sleeping eNB
RM126180	Family	Filed	10 Oct 2012	10 Oct 2012						Method and apparatus for cell access
RM126180	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	GB1300632.5					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

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Grant number	Grant date	Short title
RM126184	Family	Filed	15 Oct 2012	15 Oct 2012						ePDCCH configuration procedure in standalone new carrier type
RM126184	WO01	PCT application filed	10 Oct 2012	10 Oct 2012	PCT/CN2012/082858					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/CN2012/082881					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/CN2012/077722					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 application filed	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/CN2012/083000					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	PCT application filed	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	GB1222975.4					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	PCT application filed	13 Jul 2012	13 Jul 2012	PCT/CN2012/078661					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/CN2012/079006					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	PCT application filed	20 Jul 2012	20 Jul 2012	PCT/CN2012/078982					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/CN2012/079021					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	FI20115483					Digitally Controlled Delay
RM126157	WO01	PCT application filed	16 May 2012	18 May 2011	PCT/IB2012/052405	WO/2012/156952	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	GB1215529.7					Transmitter envelope delay calibration
RM126155	Family	Filed	14 May 2012	14 May 2012						Signaling Method for Wireless Communication System

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	
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	POA received	23 Aug 2012	23 Aug 2012	PCT/CN2012/080560					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	US61/646535					Data Transmission Method
RM126151	WO01	Filed	13 May 2013	14 May 2012	PCT/IB2013/053873					Data Transmission Method
RM126150	Family	Filed	21 May 2012	21 May 2012						Design of interleaving for distributed ePDCCH
RM126150	GB01	POA received	11 Sep 2012	21 May 2012	GB1216162.6					Design of interleaving for distributed ePDCCH
RM126150	US01	Filed	11 Feb 2013	21 May 2012	US13/764275					Design of interleaving for distributed ePDCCH
RM126150	WO01	Filed	21 May 2012	21 May 2012	PCT/CN2012/075983					Design of interleaving for distributed ePDCCH
RM126149	Family	Filed	12 Sep 2012	12 Sep 2012						Dynamic additional maximum power reduction
RM126149	GB01	POA 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 2013	29 Jun 2012	GB1211613.5					Optimized DRX and SR configuration for diverse data applications
RM126146	WO01	Filed	28 Jun 2013	29 Jun 2012	PCT/IB2013/055336					Optimized DRX and SR configuration for diverse data applications
RM126145	Family	Filed	19 Oct 2012	19 Oct 2012						A novel random access procedure for local area wireless network
RM126145	WO01	POA received	19 Oct 2012	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/IB2013/054529					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	GB1217186.4					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/CN2012/075539					An efficient IDC indication prohibition mechanism
RM126139	Family	Filed	16 May 2012	16 May 2012						Outer loop precoder phase combiner adaptation
RM126139	GB01	POA received	16 May 2012	16 May 2012	GB1208642.7					Outer loop precoder phase combiner adaptation
RM126139	US01	Filed	30 Apr 2013	16 May 2012	US13/873913					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	US13/470868					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/CN2012/075539					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	GB1212491.3	GB2493605	13 Feb 2013	GB2493605	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	POA received	17 Aug 2012	17 Aug 2012	GB1214748.4					Data Bridge Between On-Chip Power Domains
RM126133	US01	Filed	12 Feb 2013	17 Aug 2012	US13/763960					Data Bridge Between On-Chip Power Domains
RM126133	WO01	To Filing		17 Aug 2013						Data Bridge Between On-Chip Power Domains
RM126132	Family	Filed	20 Jun 2012	20 Jun 2012						Reduction of Measurement Report Size in challenging signal conditions
RM126132	GB01	Filed	20 Jun 2012	20 Jun 2012	GB1210925.2					Reduction of Measurement Report Size in challenging signal conditions
RM126132	WO01	Filed	19 Jun 2013	20 Jun 2012	PCT/IB2013/054877					Reduction of Measurement Report Size in challenging signal conditions

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Grant number	Grant date	Comments
RM126131	Family	Filed	2 Aug 2012	2 Aug 2012						Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	GB01	Filed	2 Aug 2012	2 Aug 2012	GB1213788.1					Method on LTE sharing CRNTI for low periodicity packet transmission
RM126131	WO01	Filed	24 Jul 2013	2 Aug 2012	PCT/IB2013/056008					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	GB1218281.6					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	PCA received	27 Jun 2012	27 Jun 2012	PCT/CN2012/077509					Common control signaling handling for MTC UE
RM126128	Family	Filed	11 May 2012	11 May 2012						On PSS SSS and DM RS Collision Avoidance
RM126128	WO01	Filed	11 May 2012	11 May 2012	PCT/CN2012/075398					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	28 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 2012	14 May 2012	PCT/CN2012/075435					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	GB1208381.4					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	PCA received	11 May 2012	11 May 2012	GB1208469.5	GB2495582	17 Apr 2013			Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	US01	Filed	25 Mar 2013	11 May 2012	US13/849988					Method and apparatus for frequency specific periodical intra-frequency measurement
RM126122	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053806					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	PCA received	5 Oct 2012	5 Oct 2012	GB1217865.1					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	PCA received	13 Sep 2012	13 Sep 2012	PCT/CN2012/081342					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	GB1208563.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126116	GB02	Filed	14 May 2012	14 May 2012	GB1301636.5					Calculation of backoff timer for DTCH transmissions upon E-DCH to PRACH fallback indication
RM126114	Family	Filed	8 Aug 2012	8 Aug 2012						Uplink carrier band and component carrier frequency prioritization for interference mitigation
RM126114	GB01	Filed	8 Aug 2012	8 Aug 2012	GB1214257.6					Uplink carrier band and component carrier frequency prioritization for interference mitigation

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM126114	WO01	Filed	8 Aug 2013	8 Aug 2012	PCT/IB2013/056636					Uplink carrier band and component carrier frequency pairing 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	GB1208003.6	GB2490430	31 Oct 2012	GB2490430	28 Aug 2013	Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126113	WO01	Filed	9 May 2012	9 May 2012	PCT/IB2013/053750					Resource Configuration of PUSCH for Multiple Periodic CSI feedback
RM126112	Family	Filed	9 May 2012	9 May 2012						Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126110	WO01	PCA received	9 May 2012	9 May 2012	PCT/CN2012/075244					Solution to handle the UL collision between preamble and repeated ACK/NACK
RM126106	Family	Filed	22 Aug 2012	22 Aug 2012						Using interfaces to improve intermediate processing in benefit of performance
RM126106	GB01	Filed	22 Aug 2012	22 Aug 2012	GB1214651.4	GB2499639	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	IN3048/DEL/2012					A downlink frame processing architecture for a receiver
RM126102	WO01	Filed	26 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/CN2012/075288					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/IB2013/055662					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/CN2012/078739					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	PCA received	10 May 2012	10 May 2012	PCT/CN2012/075316					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 PCA	27 Jun 2012	27 Jun 2012	GB1211419.5					An ARQ protocol for variable rate transport channel
RM126096	WO01	Filed	27 Jun 2013	27 Jun 2013	PCT/IB2013/055289					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 2012	13 May 2012	GB1208400.6					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/IB2013/053916					Power control and balancing method for eNB's in inter-band carrier aggregation with multiple uplinks
RM126086	Family	Filed	30 Oct 2012	30 Oct 2012						PDCP tunneling
RM126086	GB01	PCA received	30 Oct 2012	30 Oct 2012	GB1219486.8					PDCP tunneling

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	Short title
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	GB1217859.5					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	GB1214582.8					A radio receiver for the concurrent reception of multi-band carriers
RM126085	WO01	Filed	27 Jun 2013	15 Aug 2012	PCT/IB2013/001363					A radio receiver for the concurrent reception of multi-band carriers
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	GB1219485.8					Method and Apparatus for Packet Handling During Handover
RM126082	Family	Filed	24 May 2012	24 May 2012						Method and apparatus of scenario specific cell re-establishment
RM126082	GB01	Filed	24 May 2012	24 May 2012	GB1209158.3	GB2491046	21 Nov 2012			Method and apparatus of scenario specific cell re-establishment
RM126082	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054234					Method and apparatus of scenario specific cell re-establishment
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/CN2012/075316					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	GB1210984.8					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
RM126079	Family	Filed	17 May 2012	17 May 2012						Method and apparatus of service based uplink resource selection
RM126079	GB01	Filed	17 May 2012	17 May 2012	GB1208709.4					Method and apparatus of service based uplink resource selection
RM126078	Family	Filed	11 May 2012	11 May 2012						Method and apparatus of capability reporting per RAT
RM126078	GB01	Filed	11 May 2012	11 May 2012	GB1208321.8					Method and apparatus of capability reporting per RAT
RM126078	WO01	Filed	10 May 2013	11 May 2012	PCT/IB2013/053807					Method and apparatus of capability reporting per RAT
RM126076	Family	Filed	7 Jun 2012	7 Jun 2012						Carrier loading status report in HetNets with extension carrier
RM126076	WO01	Filed	7 Jun 2012	7 Jun 2012	PCT/CN2012/076608					Carrier loading status report in HetNets with extension carrier
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/CN2012/076862					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	GB1209743.2					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	GB2491272	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	GB1208121.1	GB2499416	6 Feb 2013			Low power interrupt synchronization
RM126066	US01	Filed	21 Jan 2013	24 May 2012	US13/746103					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	GB1218607.4					Band-dependent noise shaping in envelope tracking transmitter
RM126065	WO01	To filing		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/CN2012/075671					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	GB1208117.0					Dual receiver for HSDPA communication

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM126061	USP1	Filed	9 May 2013	9 May 2012	US13/890474					Dual receiver for HSDPA communication
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	GB1218748.6					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	GB1211587.6					Controlling TX antenna selection
RM126057	GB02	POA received	28 Jun 2013	29 Jun 2012	GB1301458.5					Controlling TX antenna selection
RM126057	US01	Filed	21 Jun 2013	29 Jun 2012	US13/923677					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	GB2454934	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	GB1211658.3					IPv6 based peer discovery over-the-air for LTE
RM126049	US01	Filed	28 Jun 2013	29 Jun 2012	US13/930228					IPv6 based peer discovery over-the-air for LTE
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	GB1208219.8					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	GB1204810.8					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	847/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	GB1208822.8					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

Schedule 9.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Priority number(s)	Title
RM126037	GB01	POA received	19 Mar 2012	19 Mar 2012	GB1204734.6				Signaling of antenna collocation and reference for channel statistics estimation to the UE
RM126037	US01	Filed	13 Sep 2012	19 Mar 2012	US13/614,052				Signaling of antenna collocation and reference for channel statistics estimation to the UE
RM126037	WO01	Filed	19 Mar 2013	19 Mar 2012	PCT/IB2013/052139				Signaling of antenna collocation and reference for channel statistics estimation to the UE
RM126036	Family	Filed	28 Sep 2012	28 Sep 2012					Real-time traffic off-loading mechanism from the WLANs
RM126036	GB01	POA received	28 Sep 2012	28 Sep 2012	GB1217424.8				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/CN2012/074450				Improved Resource Allocation for CC-specific TDD Configurations with Cross-carrier Scheduling
RM126025	Family	Filed	16 Mar 2012	16 Mar 2012					System and method of handling out of order RLC acknowledgement status reports received from the receiver
RM126025	IN01	Filed	16 Mar 2012	16 Mar 2012	IN/DELNP/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/CN2012/075983				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 2012	11 Jun 2012	GB1210257.9				A flexible algorithm for arbitration of transmit power between multiple radios
RM126022	US01	Filed	11 Jun 2013	11 Jun 2012	US13/914,659				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	US13/853,730				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 2012	24 May 2012	GB1209156.7				On the enablement of HARQ in contention based transmission
RM126017	WO01	Filed	22 May 2013	24 May 2012	PCT/IB2013/054235				On the enablement of HARQ in contention based transmission
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/CN2012/072570				Signaling for PDSCH Fallback Mode on New Carrier Type
RM126013	Family	Filed	6 Jul 2012	6 Jul 2012					Apparatus and methods for multiple virtual SIMs communication mechanism
RM126013	WO01	Filed	6 Jul 2012	6 Jul 2012	PCT/CN2012/078297				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	GB1210302.0				Reference Symbol Configuration for Control Channel with Frequency Reuse
RM126010	US01	Filed	6 Jun 2013	6 Jun 2012	US13/910,502				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/CN2012/076722				The enhancement of interference coordination scheme in HetNets with flexible TDD configuration
RM126006	Family	Filed	16 Mar 2012	16 Mar 2012					Adaptation of transmission denial modes for in-device interference
RM126006	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072478				Adaptation of transmission denial modes for in-device interference
RM126004	Family	Filed	15 Mar 2012	15 Mar 2012					Enhanced Resource Allocation of UL Control Signaling
RM126004	WO01	Filed	16 Mar 2012	16 Mar 2012	PCT/CN2012/072436				Enhanced Resource Allocation of UL Control Signaling

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM126001	Family	Filed	25 May 2012	25 May 2012						Memory efficient and generic HW implementation to perform "physical channel segmentation, second interleaving, subframe segmentation and physical channel mapping" of various transport channels as per 3GPP- 1.28Mcps, TDD mode
RM126001	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/CN2012/073401					Reverse transmission mechanism in smart grid
RM125081	Family	Filed	19 Mar 2012	19 Mar 2012						PUCCH enabled simple CoMP operation
RM125081	GB01	POA received	19 Mar 2012	19 Mar 2012	GB1204796.5					PUCCH enabled simple CoMP operation
RM125081	US01	Filed	21 Mar 2012	19 Mar 2012	US13/426890					PUCCH enabled simple CoMP operation
RM125080	Family	Filed	12 Apr 2012	12 Apr 2012						An improvement of time domain based EICIC solution in HetNets
RM125080	WO01	POA received	12 Apr 2012	12 Apr 2012	PCT/CN2012/073983					An improvement of time domain based EICIC 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/CN2012/071854					Preamble Counter calculation scheme for RA on Scell
RM125078	Family	Filed	28 Sep 2012	28 Sep 2012						Reconfigurable Rx digital data path architecture with flexible I/Q sampling rates
RM125078	WO01	Filed	28 Sep 2012	28 Sep 2012	PCT/IB2012/002222					Reconfigurable Rx digital data path architecture with flexible I/Q sampling rates
RM125077	Family	Filed	23 Mar 2012	23 Mar 2012						Method to indicate UE front-end capability
RM125077	GB01	POA 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	GB1204681.9					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	US13/864489					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/IB2013/054522					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	GB1207413.4					Compression of the TIM for networks supporting a large number of stations
RM125073	WO01	Filed	26 Apr 2013	27 Apr 2012	PCT/IB2013/053307					Compression of the TIM for networks supporting a large number of stations
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	GB1204614.8					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	GB1206574.6					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	US13/862093					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	GB1205869.7					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

Schedule 9.3(4)
Transferred IP
Patent Assets

Case no.	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Title
RM125063	GB01	Filed	31 May 2012	31 May 2012	GB1209703.6					Method and Apparatus for Discovery Signal Formation
RM125063	WO01	Filed	31 May 2012	31 May 2012	PCT/IB2013/054502					Method and Apparatus for Discovery Signal Formation
RM125060	Family	Filed	18 Apr 2012	18 Apr 2012						Physical discovery channel design for small RRHs
RM125060	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/074284					Physical discovery channel design for small RRHs
RM125059	Family	Filed	13 Apr 2012	13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125059	GB01	POA received	13 Apr 2012	13 Apr 2012	GB1206543.8					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125059	US01	ToFiling		13 Apr 2012						Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125059	WO01	Filed	15 Apr 2013	13 Apr 2012	PCT/IB2013/052988					Local Collision Detection and Resolution for Resource Allocation of Discovery Transmissions
RM125058	Family	Filed	12 Mar 2012	12 Mar 2012						Supporting prolonged station sleeping in the power save mode
RM125058	GB01	Filed	28 Jun 2012	12 Mar 2012	GB1212512.8					Supporting prolonged station sleeping in the power save mode
RM125058	US01	Closed	12 Mar 2012	12 Mar 2012	US61/609806					Supporting prolonged station sleeping in the power save mode
RM125058	WO01	Filed	11 Mar 2013	12 Mar 2012	PCT/IB2013/051921					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/CN2012/073800					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	GB1204209.9					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	GB1205608.1					The general hybrid multicarrier technique for local area multiple access networks
RM125046	WO01	Filed	28 Mar 2013	29 Mar 2012	PCT/IB2013/052487					The general hybrid multicarrier technique for local area multiple access networks
RM125044	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	GB1203721.4					Two dimensional CQI feedback for dynamic points selection
RM125044	WO01	Filed	1 Mar 2013	2 Mar 2012	PCT/IB2013/051663					Two dimensional CQI feedback for dynamic points selection
RM125043	Family	Filed	30 Jan 2012	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 2013	30 Jan 2012	PCT/CN2012/070776	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	US13/780268					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	US13/777409					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	GB1204199.6	GB2499989	21 Nov 2012	GB2499989	10 Apr 2013	PLMN selection when EUTRAN is disabled
RM125039	US01	POA received	5 Oct 2012	7 Mar 2012	US13/693936					PLMN selection when EUTRAN is disabled
RM125039	US02	Filed	15 Jan 2013	7 Mar 2012	US13/741789					PLMN selection when EUTRAN is disabled
RM125038	WO01	Filed	6 Mar 2013	7 Mar 2012	PCT/IB2013/051750					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/CN2012/072206					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	GB1204873.6					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 2012	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 PF1

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	Short title
RM125028	INS1	Filed	17 Feb 2012	17 Feb 2012	IN442/MUM/2012					Indication of the selected PLMN ID using PF1
RM125028	US01	Closed	17 Feb 2012	17 Feb 2012						Indication of the selected PLMN ID using PF1
RM125028	Family	Filed	30 Jan 2012	30 Jan 2012						Suspension of UL transmission for N-TA
RM125028	WO01	PCA received	30 Jan 2012	30 Jan 2012	PCT/CN2013/070777	WO2013113146	8 Aug 2013			Suspension of UL transmission for N-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	GB1201125.2	GB2498721	31 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	US01	Filed	25 Jan 2012	24 Jan 2012	US13/358644	US20130189971	25 Jul 2013			Indication of capacity frequency layers to facilitate modified UE measurement procedures
RM125026	WO01	Filed	22 Jan 2013	24 Jan 2012	PCT/IB2013/050561	WO2013111056	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/CN2012/073554					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	1 Feb 2013	2 Feb 2012	US13/757485	US20130203458	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/CN2012/071984					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	GB2498569	24 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM125020	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363596	US20130182636	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	US13/852955					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	2 Mar 2012						PDCCH detection for low cost MTC Ues
RM125013	WO01	Filed	2 Mar 2012	2 Mar 2012	PCT/CN2012/071983					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	GB1203821.5					Enhanced membership indication for CSG RAN sharing
RM125012	WO01	Filed	6 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/FR2013/051296					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

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Grant number	Grant date	Title
RM125007	GBG1	POA received	30 Jan 2012	30 Jan 2012	GB1201585.1	GB2498613	31 Jul 2013			CSG fingerprint for test purposes
RM125007	GB02	Filed	6 Aug 2012	30 Jan 2012	GB1213839.0	GB2498925	31 Jul 2013			CSG fingerprint for test purposes
RM125007	US01	Closed		30 Jan 2012						CSG fingerprint for test purposes
RM125007	WO01	Filed	28 Jan 2013	30 Jan 2012	PCT/IB2013/050724	WO2013114265	8 Aug 2013			CSG fingerprint for test purposes
RM125026	Family	Filed	22 May 2012	22 May 2012						EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM125026	GB01	POA received	22 May 2012	22 May 2012	GB1208029.6					EUTRAN reactivation based on data transfer requirements in voice centric terminal
RM115528	Family	Filed	31 Jan 2012	31 Jan 2012						Approach of multiplexing HARQ-ACK and periodic CSI report simultaneously in PUCCH format 3
RM115528	WO01	POA received	31 Jan 2012	31 Jan 2012	PCT/CN2012/070700	WO2013117098	25 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	GB1208544.5	GB2491982	21 Nov 2012	GB2491022	1 May 2013	Method and apparatus for radio receiver circuit linearization
RM115527	US01	Granted	13 Nov 2012	15 May 2012	US13/676073			US8628545	23 Apr 2013	Method and apparatus for radio receiver circuit linearization
RM115527	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053988					Method and apparatus for radio receiver circuit linearization
RM115526	Family	Filed	27 Feb 2012	27 Feb 2012						CSFB for emergency purposes
RM115526	GB01	Filed	27 Feb 2012	27 Feb 2012	GB1203367.6					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	US13/849894					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	POA received	31 Jan 2012	31 Jan 2012	GB1201851.4					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	US13/875663					Method and Apparatus of informing UE Access Barring
RM115521	WO01	Filed	29 Jan 2013	31 Jan 2012	PCT/IB2013/050756	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-CC scheduling
RM115519	WO01	POA received	8 Mar 2012	8 Mar 2012	PCT/CN2012/072208					Enable sensing function coupled with X-CC 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	GB1201568.8	GB2490585	21 Nov 2012	GB2490585	19 Jun 2013	Closed Loop Transmit Diversity Activation and Deactivation
RM115518	US01	Filed	13 Feb 2012	30 Jan 2012	US13/371591					Closed Loop Transmit Diversity Activation and Deactivation
RM115518	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050798	WO2013114301	8 Aug 2013			Closed Loop Transmit Diversity Activation and Deactivation
RM115517	Family	Filed	1 Mar 2012	1 Mar 2012						Reducing the reception time of the channels where the transmitted information is repeated several times
RM115517	GB01	POA received	1 Mar 2012	1 Mar 2012	GB1203852.1	GB2494483	13 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	POA received	11 Apr 2012	11 Apr 2012	GB1206269.7					A decoder for scrambled convolution codes
RM115515	US01	Granted	4 Oct 2012	11 Apr 2012	US13/645079			US8687756	12 Mar 2013	A decoder for scrambled convolution codes
RM115515	WO01	Filed	9 Apr 2013	11 Apr 2012	PCT/IB2013/052922					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	GB1201818.4	GB2498815	31 Jul 2013			A DCI format approach for E-PHICH in LTE Rel-11
RM115513	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752695					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	GB1203562.7					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	GB1201537.8	GB2498835	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	GB02	Filed	30 Jan 2012	30 Jan 2012	GB1302500.2	GB2498876	31 Jul 2013			Methods to improve IDC in inter-band CA
RM115511	US01	Filed	6 Feb 2012	30 Jan 2012	US13/366939	US20131194936	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/IB2013/053487					Method and apparatus for radio receiver circuit linearization
RM115507	Family	Filed	13 Mar 2012	13 Mar 2012						Procedures for Secondary Cell discovery on extention carriers in LTE Hetnet
RM115507	GB01	Filed	13 Mar 2012	13 Mar 2012	GB1204388.8					Procedures for Secondary Cell discovery on extention carriers in LTE Hetnet

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Issue date	Description
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/CN2012/072681					Group SPS Design for low cost MTC devices
RM115505	Family	Filed	26 Jan 2012	26 Jan 2012						Uplink Interference Avoidance in HetNet Scenarios
RM115505	GB01	Filed	30 Jan 2012	26 Jan 2012	GB1201570.7					Uplink Interference Avoidance in HetNet Scenarios
RM115505	US01	Filed	3 Feb 2012	26 Jan 2012	US13/365396					Uplink Interference Avoidance in HetNet Scenarios
RM115505	WO01	PCA received	25 Jan 2013	26 Jan 2012	PCT/IB2013/050723	WO2013114264	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	GB1223086.3					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	GB1305810.7	GB2496389	31 Oct 2012			Device for On-Chip Latency Measurement
RM115503	US01	Granted	2 Oct 2013	29 Mar 2012	US13/833549			US8601321	16 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/CN2012/082238					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 2013	30 Jan 2012	GB1301544.2	GB2498905	31 Jul 2013			Method of CSG cell reselection in CELL_FACH state
RM115495	WO01	Filed	30 Jan 2013	30 Jan 2012	PCT/IB2013/050777	WO2013114268	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	28 Jan 2013	26 Jan 2012	GB1201334.8	GB2498736	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115494	US01	Granted	8 Feb 2013	26 Jan 2012	US13/366537			US8482724	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 2013	20 Feb 2012	PCT/CN2012/071361					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	GB1219411.4					Method of triggering Cell Update procedure to report measurement results
RM115491	US01	Filed	29 Jan 2013	30 Jan 2012	US13/752682					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/CN2012/072810					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	GB1203083.5					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	GB1202378.6					Secure Device to Device Discovery
RM115485	WO01	Filed	8 Feb 2013	8 Feb 2012	PCT/IB2013/051260					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 2013	14 Mar 2012	GB1204515.9					A transmitter for two contiguous uplink carriers with power imbalance
RM115484	US01	Filed	15 Oct 2012	14 Mar 2012	US13/651808					A transmitter for two contiguous uplink carriers with power imbalance

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	
RM115484	WO01	Filed	14 Mar 2013	14 Mar 2012	PCT/IB2013/052027					A transmitter for two configurations which connects with correct information
RM115483	Family	Filed	1 Mar 2012	1 Mar 2012						Adaptive Gain Mapping In The Presence Of Intermittent Blockers
RM115483	WO01	Filed	1 Mar 2012	1 Mar 2012	PCT/IB2012/050757					Adaptive Gain Mapping In The Presence Of Intermittent Blockers
RM115479	Family	Filed	15 May 2013	15 May 2012						Method and apparatus for radio transceiver circuit linearization
RM115479	GB01	Granted	15 May 2013	15 May 2012	GB1208546.0	GB2491238	28 Nov 2012	GB2491238	3 Jul 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	US01	Granted	13 May 2012	15 May 2012	US13/473023			US8526546	6 Aug 2013	Method and apparatus for radio transceiver circuit linearization
RM115479	WO01	Filed	15 May 2013	15 May 2012	PCT/IB2013/053686					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	GB1201526.9	GB2498797	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/CN2012/070768	WO2013113142	8 Aug 2013			Multiple ACK-NACK Multiplexing with Periodic CSI in PUCCH Format 3
RM115474	Family	Filed	30 Jan 2012	30 Jan 2012						Handling of RA failure for C-RNTI based Msg2
RM115474	WO01	Filed	30 Jan 2012	30 Jan 2012	PCT/CN2012/070851	WO2013107036	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/CN2012/071837					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/CN2012/072307					Design of system information for low-cost MTC devices
RM115468	Family	Filed	17 Feb 2012	17 Feb 2012						Principle for inter-cell D2D operation
RM115468	WO01	Filed	17 Feb 2012	17 Feb 2012	PCT/CN2012/071283					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	GB1201618.6	GB2498814	31 Jul 2013			Time-interleaved duplexing method for inter-band carrier
RM115467	US01	Filed	2 Mar 2012	30 Jan 2012	US13/413968	US2013/0194939	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	GB1121784.3	GB2497741	26 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330966	US2013/0155922	20 Jun 2013			EUTRAN Support for D2D Discovery Signal Verification
RM115466	WO01	Filed	12 Dec 2012	19 Dec 2011	PCT/IB2012/057241	WO2013089725	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 2012	26 Mar 2012	PCT/CN2012/073052					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	GB1201337.1	GB2498756	31 Jul 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	US01	Filed	10 Feb 2012	25 Jan 2012	US13/370533	US2013/0194967	1 Aug 2013			Power control method for devices supporting inter-band carrier aggregation
RM115463	WO01	Filed	25 Jan 2013	25 Jan 2012	PCT/IB2013/050669	WO2013111152	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	GB2498201	22 Aug 2012	GB2498201	10 Apr 2013	Method to increase UE coverage in inter-band CA
RM115462	US01	Filed	14 Feb 2012	27 Jan 2012	US13/372574	US2013/0196186	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	GB1208089.2					Full-duplex enablement under scheduled access in 802.11
RM115461	WO01	Filed	9 May 2013	9 May 2012	PCT/IB2013/053696					Full-duplex enablement under scheduled access in 802.11

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	PCT/EP filing	
RM115460	Family	Filed	18 Apr 2012	18 Apr 2012						An Energy-Efficient Data Collection Scheme in Wireless Sensor Networks with UE as Mobile Gateway
RM115460	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/074280					An Energy-Efficient Data Collection Scheme in Wireless Sensor Networks with UE as Mobile Gateway
RM115458	Family	Filed	6 Feb 2012	6 Feb 2012						Method and apparatus for security re-synchronisation
RM115458	GB01	POA received	6 Feb 2012	6 Feb 2012	GB1201999.8	GB2469772	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	GB1204872.2	GB2491927	19 Dec 2012	GB2491927	10 Jul 2013	Data compression and combination method
RM115456	GB02	POA received	18 Sep 2012	21 Mar 2012	GB1215646.8					Data compression and combination method
RM115456	US01	Filed	14 Nov 2012	21 Mar 2012	US13/676738					Data compression and combination method
RM115456	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/IB2013/052053					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	GB1202677.5	GB2499968	21 Nov 2012	GB2499968	18 Jun 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	US01	Granted	10 Oct 2012	16 Feb 2012	US13/648819			US8514974	20 Aug 2013	MPR Calculation for HSUPA signal with 4PAM
RM115454	WO01	Filed	14 Feb 2013	16 Feb 2012	PCT/IB2013/001185					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	GB1309953.6					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/CN2012/072671					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/IB2012/000685					TAS inaccuracy cancellation method
RM115447	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	GB1211610.9	GB2492249	26 Dec 2012			Solving control bits of butterfly networks for parallel access turbo decoders
RM115442	US01	Granted	14 Nov 2012	29 Jun 2012	US13/676376			US8645813	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 2012	30 Jan 2012	GB1201546.3					Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115440	US01	Filed	3 Feb 2012	30 Jan 2012	US13/365432	US2013195073	1 Aug 2013			Low-cost LTE system with distributed Carrier Aggregation on the unlicensed band
RM115436	Family	Filed	16 Feb 2012	16 Feb 2012						Novel signaling Design for time-domain bundling scheduling
RM115436	WO01	Filed	16 Feb 2012	16 Feb 2012	PCT/CN2012/071091					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	GB1201374.4	GB2488766	31 Jul 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
RM115435	WO01	Filed	25 Jan 2013	27 Jan 2012	PCT/IB2013/050654	WO2013111104	1 Aug 2013			Co-operative Cell Search of LTE D2D Ad Hoc Mode
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	US13/860086					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 2012	15 Feb 2012	GB1202608.4					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	GB1203455.8					On Discovery Resource Frame Structure
RM115429	WO01	Filed	28 Feb 2013	28 Feb 2012	PCT/IB2013/051580					On Discovery Resource Frame Structure
RM115426	Family	Filed	18 Jan 2012	18 Jan 2012						Power management for D2D discovery
RM115426	GB01	Filed	18 Jan 2012	18 Jan 2012	GB1200837.1	GB2488713	31 Jul 2013			Power management for D2D discovery
RM115426	WO01	Filed	17 Jan 2013	18 Jan 2012	PCT/IB2013/000256	WO2013108114	25 Jul 2013			Power management for D2D discovery
RM115425	Family	Filed	31 Jan 2012	31 Jan 2012						E-PHICH configuration for LTE-A

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Expiry	Title
RM115425	WO01	Filed	31 Jan 2012	31 Jan 2012	PCT/CN2012/070803	WO2013113155	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 D2D mode
RM115424	WO01	Filed	12 Jan 2012	12 Jan 2012	PCT/CN2012/000059	WO2013104084	18 Jul 2013			Connectivity time reconfiguration for a device in D2D mode
RM115423	Family	Filed	17 Jan 2012	17 Jan 2012						Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	GB01	Filed	17 Jan 2012	17 Jan 2012	GB1200706.8					Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	US01	Filed	24 Jan 2013	17 Jan 2012	US13/357186	US20130182623	18 Jul 2013			Method on Enhancing the UL Resource Management for MTC and Background Services
RM115423	WO01	Filed	15 Jan 2013	17 Jan 2012	PCT/IB2013/050368	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/CN2012/070783	WO2013113156	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/CN2012/072057					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	GB2499191	24 Oct 2012			Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	US01	Granted	26 Jan 2012	23 Jan 2012	US13/359046	US20130188761	25 Jul 2013	US8588368	19 Aug 2017	Adaptive filtering method for noise covariance matrix estimation for LTE/LTE-A detection
RM115418	WO01	POA received	21 Jan 2013	23 Jan 2012	PCT/IB2013/050592	WO2013111047	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 2013	22 Dec 2011	US13/943211	US20130166246	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	US13/773976					A signaling scheme for Adaptive Full-duplex Transmission
RM115415	Family	Filed	14 Feb 2012	14 Feb 2012						SPS reconfiguration in broken CC on unlicensed band
RM115415	WO01	Filed	13 Feb 2012	14 Feb 2012	PCT/CN2012/071132					SPS reconfiguration in broken CC on unlicensed band
RM115413	Family	Filed	3 Apr 2012	3 Apr 2012						Enhanced DRX Command Handling when Short DRX Cycle is Configured
RM115413	GB01	Filed	3 Apr 2012	3 Apr 2012	GB1205662.2					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/CN2012/072001					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	GB1204650.5					Reception arrangement between alternate frequency ranges to increase DL CA BW / Band coverage
RM115412	US01	Filed	1 Mar 2013	16 Mar 2012	US13/782678					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	GB1203838.5					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	29 Feb 2012	29 Feb 2012	PCT/CN2012/071784					DRX enhancement for MTC and DDA Services

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115409	Family	Filed	2 Feb 2012	2 Feb 2012						Signaling to enable resource allocation coordination between a device pair
RM115409	WO01	POA received	2 Feb 2012	2 Feb 2012	PCT/CN2013/071983	WO2013113161	8 Aug 2013			Signaling 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/CN2012/071586					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	POA received	16 Jan 2012	16 Jan 2012	GB1200615.9					Method for D2D Discovery Signal Utilization
RM115407	US01	Filed	16 Jan 2012	16 Jan 2012	US13/352538	US2013/0182663	18 Jul 2013			Method for D2D Discovery Signal Utilization
RM115406	Family	Filed	6 Feb 2012	6 Feb 2012						New way to determine WiFi coverage and UL PL in WS
RM115406	WO01	Filed	6 Feb 2012	6 Feb 2012	PCT/CN2012/070963					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/CN2012/070523	WO2013/104118	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	GB1201081.8					Application-oriented DRX enhancement
RM115403	US01	Filed	2 Feb 2012	23 Jan 2012	US13/364498	US2013/0188495	25 Jul 2013			Application-oriented DRX enhancement
RM115403	WO01	Filed	23 Jan 2013	23 Jan 2012	PCT/IB2013/050586	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	GB2496627	22 May 2013			Indication of Selected PLMN in a Network Sharing environment
RM115401	US01	Filed	16 Nov 2011	16 Nov 2011	US13/300072	US2013/0121241	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/CN2012/070977	WO2013113145	8 Aug 2013			UE-assisted enhancement of DRX method for In-Device Coexistence
RM115398	Family	Filed	18 Apr 2012	18 Apr 2012						Distributed Neighbor Discovery between LTE Unlicensed Offloading Clusters for Interference Avoidance
RM115398	WO01	Filed	18 Apr 2012	18 Apr 2012	PCT/CN2012/074186					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/CN2012/070236	WO2013104119	18 Jul 2013			E-PDCCH design for low bandwidth MTC
RM115395	Family	Filed	22 Jun 2012	22 Jun 2012						Periodic CQI during Discontinuous Reception
RM115395	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	POA received	22 Dec 2011	21 Dec 2011	GB1122103.3	GB2497802	26 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	US01	Filed	20 Dec 2011	21 Dec 2011	US13/336184	US2013/0163451	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115394	WO01	Filed	21 Dec 2011	21 Dec 2011	PCT/IB2012/057637	WO2013/093867	27 Jun 2013			LTE OTDOA UE assisted position accuracy improvements
RM115392	Family	Filed	21 Jan 2012	21 Jan 2012						SCMA-Based Duty Cycles and efficient signaling for Low-Cost Machine Type Communications
RM115392	WO01	POA received	21 Jan 2012	21 Jan 2012	PCT/CN2012/070756	WO2013107059	25 Jul 2013			SCMA-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	GB1204238.8					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/CN2012/070109	WO2013102938	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/IB2013/000965					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	Grant date	Description
RM115368	Family	Filed	21 Dec 2011	21 Dec 2011						Scheduling and automatic user group classification for semi-full duplex LTE system
RM115368	WO01	PCT received	21 Dec 2011	21 Dec 2011	PCT/CN2011/084434	WO2013091187	27 Jun 2013			Scheduling and automatic user group classification for semi-full duplex LTE system
RM115367	Family	Filed	15 Feb 2012	15 Feb 2012						Network assisted D2D Discovery
RM115367	GB01	Filed	15 Feb 2012	15 Feb 2012	GB 2025274.8					Network assisted D2D Discovery
RM115366	Family	Filed	20 Dec 2011	20 Dec 2011						P2P Traffic offloading to D2D
RM115366	GB01	PCT received	20 Dec 2011	20 Dec 2011	GB1121902.5	GB2496212	8 May 2013			P2P Traffic offloading to D2D
RM115366	US01	Filed	20 Dec 2011	20 Dec 2011	US13/333955	US20130159487	20 Jun 2013			P2P Traffic offloading to D2D
RM115365	Family	Filed	19 Jan 2012	19 Jan 2012						Methods for Random Access Procedure
RM115365	GB01	PCT received	19 Jan 2012	19 Jan 2012	GB1200911.8					Methods for Random Access Procedure
RM115364	Family	Filed	19 Jan 2012	19 Jan 2012						Enhancement for Random Access Procedure
RM115364	GB01	PCT received	19 Jan 2012	19 Jan 2012	GB1200908.4					Enhancement for Random Access Procedure
RM115363	Family	Filed	7 Nov 2011	7 Nov 2011						Method for controlling reporting of CQI hypothesis in CoMP
RM115363	GB01	Filed	7 Nov 2011	7 Nov 2011	GB1119212.7	GB2486205	6 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115363	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291580	US20130114428	9 May 2013			Method for controlling reporting of CQI hypothesis in CoMP
RM115362	Family	Filed	20 Jan 2012	20 Jan 2012						On D2D Discovery Resource Allocation
RM115362	GB01	Filed	20 Jan 2012	20 Jan 2012	GB1201007.0	GB2498575	24 Jul 2013			On D2D Discovery Resource Allocation
RM115362	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363648	US20130188546	25 Jul 2013			On D2D Discovery Resource Allocation
RM115362	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/IB2013/050471	WO2013108219	25 Jul 2013			On D2D Discovery Resource Allocation
RM115361	Family	Filed	23 Dec 2011	23 Dec 2011						Hardware assisted interrupt handling (Kaunu)
RM115361	GB01	Filed	23 Dec 2011	23 Dec 2011	GB1122271.8	GB2497966	3 Jul 2013			Hardware assisted interrupt handling (Kaunu)
RM115361	US01	Filed	23 Jan 2012	23 Dec 2011	US13/355041	US20130160794	27 Jun 2013			Hardware assisted interrupt handling (Kaunu)
RM115360	Family	Filed	27 Jan 2012	27 Jan 2012						On Scheduled Listen-Before-Talk System in Shared Bands
RM115360	GB01	PCT received	27 Jan 2012	27 Jan 2012	GB1201419.7					On Scheduled Listen-Before-Talk System in Shared Bands
RM115360	WO01	Filed	28 Jan 2013	27 Jan 2012	PCT/IB2013/050853	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 received	7 Nov 2011	7 Nov 2011	GB1119210.1	GB2486384	15 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	GB02	Filed	15 May 2013	7 Nov 2011	GB1308768.9					Dynamic methods for supporting a large number of terminals
RM115379	US01	Filed	10 Nov 2011	7 Nov 2011	US13/293396	US20130115982	9 May 2013			Dynamic methods for supporting a large number of terminals
RM115379	WO01	PCT received	8 Nov 2012	7 Nov 2011	PCT/IB2012/056156	WO2013068925	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/CN2012/070892					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 received	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	US13/671731			US8416758	9 Apr 2013	Multi component carrier aggregation CA reception arrangement
RM115377	WO01	PCT received	15 Mar 2013	16 Mar 2012	PCT/IB2013/052075					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	GB1200871.8					On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	US01	Filed	1 Feb 2012	20 Jan 2012	US13/363552	US20130188536	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115376	WO01	Filed	20 Jan 2012	20 Jan 2012	PCT/IB2013/050487	WO2013108231	25 Jul 2013			On Utilizing Full Duplex on Partial Frequency Domain on The Operating Bandwidth
RM115375	Family	Filed	21 Mar 2012	21 Mar 2012						Distribution of traffic over separate links in vehicular communications system
RM115375	GB01	PCT received	21 Mar 2012	21 Mar 2012	GB1204904.5					Distribution of traffic over separate links in vehicular communications system
RM115375	US01	Filed	27 Mar 2012	21 Mar 2012	US13/431323					Distribution of traffic over separate links in vehicular communications system
RM115375	WO01	Filed	21 Mar 2013	21 Mar 2012	PCT/IB2013/052052					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 received	18 Jan 2012	18 Jan 2012	GB1200616.5					Asymmetric D2D communication
RM115374	US01	Filed	25 Jan 2012	18 Jan 2012	US13/357758	US20130184024	18 Jul 2013			Asymmetric D2D communication
RM115373	Family	Filed	14 Nov 2011	14 Nov 2011						Enhancements to LTE CSI feedback reporting modes

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
RM115373	GB01	POA received	14 Nov 2011	14 Nov 2011	GB1119588.8	GB2496456	15 May 2013			Enhancements to LTE Transmission Mode 10
RM115373	US01	Filed	18 Nov 2011	14 Nov 2011	US13/299812	US20130121312	16 May 2013			Enhancements to LTE Transmission Mode 10
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/CN2011/081783	WO2013063807	10 Jan 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	US13/966323					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 2012	10 Feb 2012	IN/384/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	GB1115058.8	GB2496171	8 May 2013			Method and apparatus for unnecessary retransmission avoidance
RM115369	US01	Filed	7 Nov 2011	4 Nov 2011	US13/290736	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	GB1119204.4	GB2496208	8 May 2013			HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US01	Granted	8 Nov 2011	7 Nov 2011	US13/291653	US20130115946	9 May 2013	US8504030	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
RM115368	US02	Granted	4 Mar 2013	7 Nov 2011	US13/784209	US20130176945	11 Jul 2013	US8504031	6 Aug 2013	HS-SCCH order based HSDPA MIMO CQI report configuration
RM115367	Family	Filed	27 Jan 2012	27 Jan 2012						Resolving UE-RS port ambiguities for E-PDCCH
RM115367	GB01	Filed	27 Jan 2012	27 Jan 2012	GB1201379.3	GB2498787	31 Jul 2013			Resolving UE-RS port ambiguities for E-PDCCH
RM115367	US01	Filed	27 Mar 2012	27 Jan 2012	US13/431230	US20130195775	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	GB2496304	8 May 2013			Methods of mobility procedures for HSDPA multiflow data transmissions
RM115366	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291599	US20130114516	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/CN2011/081884	WO2013065812	10 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	GB1202451.6					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	8 Apr 2012	8 Nov 2011	GB1119103.5	GB2487267	14 Jul 2012	GB2487267	27 Feb 2013	Method of overriding common E-DCH resource selection
RM115363	US01	Granted	8 Nov 2011	8 Nov 2011	US13/291798	US20130114518	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	GB1119163.9	GB2496168	8 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	US01	Filed	8 Nov 2011	7 Nov 2011	US13/291634	US20130114401	9 May 2013			Method of common E-DCH resource error detection and recovery using fallback to another resource
RM115362	WO01	Filed	6 Nov 2013	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	GB2496198	8 May 2013			Efficient signaling of CRS shifts and PDCCH region mismatch in CoMP
RM115361	US01	Filed	8 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

Case ref. #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115366	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121661.1					On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	GB02	POA received	27 Mar 2012	16 Dec 2011	GB1205201.3	GB2497604	19 Jun 2013			On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	US01	Closed		16 Dec 2011						On Changing Radio Capability Temporarily or Periodically in Future LTE Systems
RM115360	WO01	POA received	14 Dec 2012	16 Dec 2011	PCT/IB2012/057322	WO2013088369	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	GB1119308.5	GB2493224	30 Jan 2013	GB2493224	3 Jul 2013	Controlling UE assumption of interference
RM115359	US01	Filed	9 Nov 2011	7 Nov 2011	US13/292205	US20130114430	9 May 2013			Controlling UE assumption of interference
RM115359	WO01	Filed	6 Nov 2012	7 Nov 2011	PCT/IB2012/056194	WO2013068924	16 May 2013			Controlling UE assumption of interference
RM115358	Family	Filed	20 Dec 2011	20 Dec 2011						A Novel Gateway UE Selection Method for the Missing Sensor Nodes in Sensor Networks
RM115356	WO01	POA received	20 Dec 2011	20 Dec 2011	PCT/CN2011/00214 3	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	GB1120028.8					Integration concept of radio modem, transceiver and antenna radiators into automotive environment
RM115357	GB02	Filed	24 Jan 2012	22 Nov 2011	GB2011533.2	GB2496325	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/IB2012/056523	WO2013076679	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 in unlicensed band
RM115356	WO01	Filed	7 Mar 2012	7 Mar 2012	PCT/CN2012/07206 2					Fast DL CC broken determination and recovery for LTE in unlicensed band
RM115353	Family	Filed	22 Dec 2011	22 Dec 2011						LTE OTDOA measurement accuracy improvement
RM115353	GB01	Granted	22 Dec 2011	22 Dec 2011	GB1122209.1	GB2491219	28 Nov 2012	GB2491219	26 Jun 2013	LTE OTDOA measurement accuracy improvement
RM115353	US01	Filed	3 Jan 2012	22 Dec 2011	US13/342339	US20130163470	27 Jun 2013			LTE OTDOA measurement accuracy improvement
RM115353	WO01	Filed	19 Dec 2012	22 Dec 2011	PCT/IB2012/002740	WO2013093569	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	GB2489545	3 Oct 2012	GB2489545	29 May 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US01	Granted	30 Nov 2011	29 Nov 2011	US13/307366	US20130136114	30 May 2013	US8477752	2 Jul 2013	Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	US02	Filed	28 Jun 2013	29 Nov 2011	US13/929862					Deactivating existing/active bearer context(s) for emergency bearer establishment
RM115351	WO01	Filed	27 Nov 2012	29 Nov 2011	PCT/IB2012/056790	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/CN2011/08504 8	WO2013097137	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	GB1121759.5	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	US20130157658	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

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115347	US01	Filed	16 Dec 2011	14 Dec 2011	US13/327288	US20130159478	20 Jun 2013			Algorithms to reduce power consumption in communication devices
RM115347	WO01	Filed	14 Dec 2012	14 Dec 2011	PCT/IB2012/057330	WO2013088402	20 Jun 2013			Algorithms to reduce power consumption in communication devices
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	GB1204943.8	GB2488113	19 Sep 2012			Cell carrier activation and deactivation method for Vehicular Communications
RM115346	US01	Filed	27 Mar 2012	21 Mar 2012	US13/431970					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	8 Nov 2011	4 Nov 2011	US13/291417	US20130114422	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/CN2011/081888	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/CN2011/083470	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	GB1200562.5	GB2498798	31 Jul 2013			TXOP adaptation for fairness provision
RM115341	US01	Filed	17 Jan 2012	13 Jan 2012	US13/351537	US20130182610	18 Jul 2013			TXOP adaptation for fairness provision
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/CN2011/081858	WO2013067672	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	GB1201218.7					An access method for dynamic contention window adaptation in CSMA type channels
RM115338	US01	Filed	25 Jan 2012	25 Jan 2012	US13/358174	US20130188478	25 Jul 2013			An access method for dynamic contention window adaptation in CSMA type channels
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	US13/357140	US20130183937	18 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115335	WO01	Filed	18 Jan 2012	18 Jan 2012	PCT/IB2013/050459	WO2013108232	25 Jul 2013			Providing Provision Information via Direct Communication Interface
RM115334	Family	Filed	29 Feb 2012	29 Feb 2012						METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	GB01	Granted	29 Feb 2012	29 Feb 2012	GB1203570.5	GB2491223	28 Nov 2012	GB2491223	10 Jul 2013	METHOD AND APPARATUS FOR OBTAINING CHANNEL QUALITY INDICATOR (CQI) IN A COMMUNICATION SYSTEM
RM115334	US01	Granted	14 Nov 2012	29 Feb 2012	US13/676524			US8432866	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	GB1205068.9	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/CN2011/082869	WO2013075314	30 May 2013			Fast PUCCH relocation for LTE in unlicensed band
RM115329	Family	Filed	9 Dec 2011	9 Dec 2011						Discontinuous Operation in LTE on Shared Band

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		
RM115328	WO01	Filed	9 Dec 2011	9 Dec 2011	PCT/CN2011/083746	WO2013083801	9 Jun 2013			Discontinuous 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	POA received	15 Dec 2011	15 Dec 2011	PCT/CN2011/002111	WO2013089689	20 Jun 2013			Central controlled sharing mechanism for coexistence on unlicensed bands
RM115320	Family	Filed	11 Jan 2012	11 Jan 2012						Bandwidth optimization of shared memory interface between Modem and APE
RM115320	GB01	Filed	11 Jan 2012	11 Jan 2012	GB1200401.6					Bandwidth optimization of shared memory interface between Modem and APE
RM115320	US01	Filed	17 Jan 2012	11 Jan 2012	US13/351389	US20130179527	11 Jul 2013			Bandwidth optimization of shared memory interface between Modem and APE
RM115319	Family	Filed	14 Nov 2011	14 Nov 2011						Separating CSI measurement trigger from the CSI reporting trigger
RM115319	GB01	Filed	14 Nov 2011	14 Nov 2011	GB1119619.3	GB2496451	15 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115319	US01	Filed	16 Nov 2011	18 Nov 2011	US13/297508	US20130121174	16 May 2013			Separating CSI measurement trigger from the CSI reporting trigger
RM115319	WO01	Filed	12 Nov 2012	14 Nov 2011	PCT/IB2012/056153	WO2013073897	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	GB1202796.7					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	GB1119868.4					A radio receiver for the reception of non-contiguous carriers
RM115316	GB02	Filed	5 Sep 2012	17 Nov 2011	GB1215803.8	GB2492245	2 Jan 2013			A radio receiver for the reception of non-contiguous carriers
RM115316	US01	Granted	16 Nov 2011	17 Nov 2011	US13/300004	US20130130638	23 May 2013	US8843173	14 May 2013	A radio receiver for the reception of non-contiguous carriers
RM115316	US02	Granted	15 Nov 2012	17 Nov 2011	US13/677776	US20130130635	23 May 2013	US8849347	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	WO2013073864	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	POA received	9 Jan 2012	9 Jan 2012	GB1200029.1	GB2498212	10 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	GB02	Response filed to POA	25 Oct 2012	9 Jan 2012	GB1219203.5	GB2498515	2 Jan 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US01	Filed	10 Jan 2012	9 Jan 2012	US13/347164	US20130176913	11 Jul 2013			TDD system TX to RX local leakage isolation arrangements
RM115315	US02	Filed	27 Mar 2013	9 Jan 2012	US13/851244					TDD system TX to RX local leakage isolation arrangements
RM115315	WO01	POA received	8 Jan 2013	9 Jan 2012	PCT/IB2013/050157	WO2013105220	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	GB1122003.6					Soc Sensing Configuration
RM115313	US01	Filed	22 Dec 2011	21 Dec 2011	US13/335468	US20130163447	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	POA 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	US20130157670	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	POA 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	GB1119428.8	GB2496574	15 Feb 2013			CSG ID assisted load and admission control
RM115310	US01	Filed	11 Nov 2011	10 Nov 2011	US13/294512	US20130122901	16 May 2013			CSG ID assisted load and admission control
RM115310	WO01	Filed	12 Nov 2012	10 Nov 2011	PCT/IB2012/056156	WO2013069000	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	GB1119680.1	GB2496648	22 May 2013			On D2D discovery signal design
RM115309	US01	Filed	30 Nov 2011	17 Nov 2011	US13/307595	US20130130727	23 May 2013			On D2D discovery signal design
RM115309	WO01	Filed	16 Nov 2012	17 Nov 2011	PCT/IB2012/056481	WO2013073880	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 Use
RM115308	WO01	Filed	16 Apr 2012	16 Apr 2012	PCT/CN2012/074098					Incognizant hotspot-node duplication and replacement in WSN by Cellular Use
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	GB1119867.6					A radio receiver for the reception of non-contiguous carriers
RM115307	GB02	POA received	1 Nov 2012	17 Nov 2011	GB1219628.7	GB2496502	15 May 2013			A radio receiver for the reception of non-contiguous carriers

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
RM115307	US01	Filed	18 Nov 2011	17 Nov 2011	US13/299990	US2013012924	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	US02	Filed	18 Nov 2011	17 Nov 2011	US13/677866	US2013010937	23 May 2013			A radio receiver for the reception of non-contiguous carriers
RM115307	WO01	Filed	15 Nov 2012	17 Nov 2011	PCT/IB2012/056441	WO2013072865	23 May 2013			A radio receiver for the reception of non-contiguous carriers
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	PCA received	18 Jan 2012	18 Jan 2012	PCT/CN2013/070052	WO2013107004	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	25 Jan 2012	25 Jan 2012	GB1201250.3	GB2498746	31 Jul 2013			The coexistence of LTE and WLAN on WLAN band through Network Management level coordination
RM115304	US01	In Drafting		25 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 signaling for MTC devices
RM115303	GB01	Filed	4 Nov 2011	4 Nov 2011	GB1119097.2	GB2496179	8 May 2013			A mechanism to reduce signaling for MTC devices
RM115303	US01	Filed	8 Nov 2011	4 Nov 2011	US13/291339	US2013115883	9 May 2013			A mechanism to reduce signaling for MTC devices
RM115303	WO01	Filed	2 Nov 2012	4 Nov 2011	PCT/IB2012/056127	WO2013065027	10 May 2013			A mechanism to reduce signaling for MTC devices
RM115302	Family	Filed	16 Dec 2011	16 Dec 2011						Resource utilization method for future LTE networks
RM115302	GB01	PCA received	16 Dec 2011	16 Dec 2011	GB1121885.2	GB2497734	26 Jun 2013			Resource utilization method for future LTE networks
RM115302	US01	Filed	20 Dec 2011	16 Dec 2011	US13/331225	US2013157669	20 Jun 2013			Resource utilization method for future LTE networks
RM115302	WO01	Filed	13 Dec 2012	16 Dec 2011	PCT/IB2012/057269	WO2013089593	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	PCA received	2 Feb 2012	2 Feb 2012	GB1201831.3					Means to handle over-the-air (OTA) modem baseband firmware updates
RM115301	WO01	Filed	31 Jan 2013	2 Feb 2012	PCT/IB2013/050835	WO2013114317	8 Aug 2013			Means to handle over-the-air (OTA) modem baseband firmware updates
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/CN2011/083866	WO2013086454	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	GB1121894.6	GB2497275	18 Jul 2012	GB2497275	2 Jan 2013	Multiple SIM ? Single modem resource sharing
RM115299	US01	Filed	29 Feb 2012	20 Dec 2011	US13/408186	US2013156081	20 Jun 2013			Multiple SIM ? Single modem resource sharing
RM115299	WO01	Filed	18 Dec 2012	20 Dec 2011	PCT/IB2012/057403	WO2013089777	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	GB1116818.0	GB2495142	3 Apr 2013			Methods of too frequent RAB establishment avoidance
RM115296	US01	Filed	30 Sep 2011	30 Sep 2011	US13/248415	US2013083646	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	PCA received	31 Oct 2011	31 Oct 2011	PCT/CN2011/081655	WO2013063745	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	PCA received	8 Oct 2012	17 Oct 2011	GB1218307.4	GB2496946	29 May 2013			Network sharing in GERAN
RM115293	GB02	PCA received	29 Jan 2013	17 Oct 2011	GB1301560.5	GB2497872	26 Jun 2013			Network sharing in GERAN
RM115293	GB03	Filed	5 Apr 2013	17 Oct 2011	GB1306159.8	GB2497894	26 Jun 2013			Network sharing in GERAN
RM115293	IN01	Filed	17 Oct 2011	17 Oct 2011	IN2903/MUM/2011	IN02903MUG011	19 Apr 2013			Network sharing in GERAN
RM115293	US01	Filed	29 Apr 2013	17 Oct 2011	US13/872817					Network sharing in GERAN
RM115293	WO01	Filed	23 Dec 2011	17 Oct 2011	PCT/IB2011/003120	WO2013057536	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	GB2497754	26 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	US01	Filed	22 Dec 2011	21 Dec 2011	US13/334476	US2013164556	27 Jun 2013			Flexible spectrum usage for proximity communication
RM115292	WO01	Filed	21 Dec 2012	21 Dec 2011	PCT/IB2012/057479	WO2013093799	27 Jun 2013			Flexible spectrum usage for proximity communication

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115290	Family	Filed	5 Apr 2012	5 Apr 2012						LTE service dynamically access the ISM band with WLAN channel traffic statistics assisting
RM115290	WO01	Filed	5 Apr 2012	5 Apr 2011	PCT/CN2012/073591					LTE service dynamically access 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/IB2012/055221					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	US13/251378	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	GB2496267	8 May 2013			Method of signaling hidden common E-DCH resources
RM115285	US01	Granted	3 Oct 2011	3 Oct 2011	US13/251668	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	GB2492183	26 Dec 2012			Method of prioritizing RATs for measurement
RM115283	US01	Closed	3 Oct 2011	3 Oct 2011	US13/251363	US20130084850	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	US02	Response filed to POA	15 Jun 2012	3 Oct 2011	US13/624251	US20130084869	4 Apr 2013			Method of prioritizing RATs for measurement
RM115284	WO01	Filed	3 Oct 2012	3 Oct 2011	PCT/IB2012/055310	WO2013050949	11 Apr 2013			Method of prioritizing RATs for measurement
RM115283	Family	Filed	25 Nov 2011	25 Nov 2011						Use profiling for automating feature control on battery limited devices
RM115283	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120597.3	GB2497782	5 Jun 2013			Use profiling for automating feature control on battery limited devices
RM115283	US01	Filed	28 Nov 2011	25 Nov 2011	US13/305336	US20130136083	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/IPR2011/058316	WO2013098585	4 Jul 2013			An efficient and robust method to compute a WCDMA delay profile
RM115278	Family	Filed	9 Jan 2012	9 Jan 2012						On Resource Allocation of Downlink D2D Specific Control Channels
RM115278	GB01	Filed	9 Jan 2012	9 Jan 2012	GB1200276.2	GB2498021	10 Jul 2013			On Resource Allocation of Downlink D2D Specific Control Channels
RM115278	US01	Filed	10 Jan 2012	9 Jan 2012	US13/346865	US20130176950	11 Jul 2013			On Resource Allocation of Downlink D2D 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	GB2498924	7 Aug 2013			The centralized control of the coexistence of multiple LTE networks/operators
RM115277	US01	Filed	5 Jan 2012	5 Jan 2012	US13/345015	US20130178225	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 2011	GB1204234.7	GB2491233	28 Nov 2012			Receiver analog baseband filter with transferred impedance stage
RM115276	US01	Filed	28 Feb 2013	9 Mar 2012	US13/777631					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	GB1116624.8	GB2495271	10 Apr 2013			Method for Access Barring and Access Delay Scaling during RAN Overload
RM115275	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246158	US20130078998	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	GB2494783	26 Apr 2013	GB2494783	10 Dec 2013	Methods of smart inter-frequency band mobility
RM115274	US01	Closed	27 Sep 2011	27 Sep 2011	US13/246265	US20130078998	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	US02	Granted	7 May 2013	27 Sep 2011	US13/472611	US20130079012	28 Mar 2013	US8437754	7 May 2013	Methods of smart inter-frequency band mobility
RM115274	US03	Filed	25 Apr 2013	27 Sep 2011	US13/870043	US20130078013	28 Mar 2013			Methods of smart inter-frequency band mobility
RM115274	WO05	Filed	25 Sep 2012	27 Sep 2011	PCT/IB2012/055103	WO2013046123	4 Apr 2013			Methods of smart inter-frequency band mobility
RM115272	Family	Filed	4 Nov 2011	4 Nov 2011						Triggering CSI Report via Downlink Grant
RM115272	WO01	POA received	8 Nov 2011	8 Nov 2011	PCT/CN2011/081882	WO2013063902	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

Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Issue date	Title
RM115271	WO01	POA received	27 Dec 2011	27 Dec 2011	PCT/FR2011/053119	WO2013098381	4 Jul 2013			Efficient method for using communication terminal connection 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	GB1116628.7	GB2495518	20 Jun 2012	GB2495518	2 Jan 2013	New network registration method for devices supporting eCall and PSAP callback
RM115270	US01	Filed	27 Sep 2011	27 Sep 2011	US13/245459	US20130078941	28 Mar 2013			New network registration method for devices supporting eCall and PSAP callback
RM115270	WO01	Filed	26 Sep 2012	27 Sep 2011	PCT/IB2012/055104	WO2013046124	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 D2D Specific Signals in Future LTE Networks
RM115269	GB01	Filed	16 Dec 2011	16 Dec 2011	GB1121711.4	GB2497589	19 Jun 2013			On Resource Allocation of D2D Specific Signals in Future LTE Networks
RM115269	US01	Filed	16 Dec 2011	16 Dec 2011	US13/328521	US20130155962	20 Jun 2013			On Resource Allocation of D2D 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/CN2011/081117	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	GB1218981.6	GB2495341	10 Jul 2013			Synthesizer locking time improvement
RM115266	US01	Filed	20 Oct 2011	20 Oct 2011	US13/277435	US20130099839	25 Apr 2013			Synthesizer locking time improvement
RM115266	WO01	Filed	16 Oct 2012	20 Oct 2011	PCT/IB2012/055637	WO2013057681	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/CN2011/082770	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/CN2011/083231	WO2013078653	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	GB1117606.8	GB2487898	15 Aug 2012	GB2487898	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	US13/271765	US20120293259	22 Nov 2012	US8432217	30 Apr 2013	Amplifier
RM115263	US02	Granted	24 Jul 2012	19 May 2011	US13/556552			US8294515	23 Oct 2012	Amplifier
RM115262	Family	Filed	12 Dec 2011	12 Dec 2011						TxRx pattern determination for OTAC in LTE-A System
RM115262	WO01	POA received	12 Dec 2011	12 Dec 2011	PCT/CN2011/083963	WO2013086672	20 Jun 2013			TxRx pattern determination for OTAC in LTE-A System
RM115261	Family	Filed	29 Dec 2011	29 Dec 2011						Effective D2D resource hopping between licensed band and unlicensed band
RM115261	WO01	Filed	28 Dec 2011	28 Dec 2011	PCT/CN2011/084491	WO2013097144	4 Jul 2013			Effective D2D 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	GB1118647.1	GB2496139	8 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	US01	Filed	3 Nov 2011	1 Nov 2011	US13/288270	US20130115997	9 May 2013			Adaptive A-MPR in inter-band carrier aggregation
RM115259	WO01	Filed	30 Oct 2012	1 Nov 2011	PCT/IB2012/056025	WO2013064986	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	GB1117607.6	GB2496977	21 Nov 2012			Amplifier
RM115258	US01	Granted	12 Oct 2011	19 May 2011	US13/271569	US8364282	11 Sep 2012	US8364282	11 Sep 2012	Amplifier
RM115258	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052500	WO2012156947	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	US13/298826			US8412130	2 Apr 2013	Method for fast return to original PLMN/RAT after CSFB call
RM115256	Family	Filed	28 Oct 2011	28 Oct 2011						Effectively Pathless offset calculation scheme for TDD-LTE system

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		
RM115256	WO01	POA received	28 Oct 2011	28 Oct 2011	PCT/CN2011/08148 3	WO2013060016	2 May 2013			Effectively Fractional Delay [illegible]
RM115255	Family	Filed	28 Oct 2011	28 Oct 2011						Flexible Radio Link Measurement on unlicensed band
RM115255	WO01	Filed	28 Oct 2011	28 Oct 2011	PCT/CN2011/08313 9	WO2013059999	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	US13/209824	US20130045775	21 Feb 2013			Coordination of DRX and eICIC
RM115254	WO01	Filed	15 Aug 2011	15 Aug 2011	PCT/IB2012/054158	WO2013024445	21 Feb 2013			Coordination of DRX and eICIC
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/CN2011/08610 8	WO2013058445	25 Apr 2013			Method for inter-cell cross link interference avoidance in flexible TDD systems
RM115252	Family	Filed	2 Oct 2011	3 Oct 2011						Discovery signal design for D2D operation and OTAC between eNBs
RM115252	WO01	Filed	2 Oct 2011	2 Oct 2011	PCT/CN2011/08065 1	WO2013049958	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	WO2013061208	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/CN2011/08232 7	WO2013071488	23 May 2013			Carrier set based spectrum sharing adaptation method
RM115249	Family	Filed	15 Dec 2011	15 Dec 2011						Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115249	IN01	Filed	15 Dec 2011	15 Dec 2011	4438/MUM/2011	IN04438MU2011	28 Jun 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115248	Family	Filed	3 Nov 2011	3 Nov 2011						LTE Protocol Architecture for Intelligent Transport System
RM115248	GB01	Filed	3 Nov 2011	3 Nov 2011	GB1119004.8	GB2496165	8 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115248	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289544	US20130114554	9 May 2013			LTE Protocol Architecture for Intelligent Transport System
RM115248	WO01	Filed	2 Nov 2012	3 Nov 2011	PCT/IB2012/056121	WO2013065102	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	GB1114829.0	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	US20130046781	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	POA 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	POA received	21 Feb 2012	16 Sep 2011	GB1116077.7	GB2494892	20 Mar 2013			Efficient Enablement for Wireless Communication on License-Exempt Bands
RM115242	US01	Filed	16 Sep 2011	16 Sep 2011	US13/234240	US20130072126	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 POA	21 Dec 2011	15 Aug 2011	GB1114090.9	GB2493735	20 Feb 2013			Methods of event triggered measurement reporting based uplink inter-cell interence control
RM115241	US01	Filed	15 Aug 2011	15 Aug 2011	US13/209845	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
RM115245	Family	Filed	3 Nov 2011	3 Nov 2011						An Efficient way of using Physical Control channel for small data transmission
RM115245	WO01	Filed	3 Nov 2011	3 Nov 2011	PCT/CN2011/08172 0	WO2013065798	10 May 2013			An Efficient way of using Physical Control channel for small data transmission

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		
RM115238	Family	Filed	15 Aug 2011	15 Aug 2011						Method of E-DCH power control for uplink inter-cell interference control
RM115239	GB01	Filed	15 Aug 2011	15 Aug 2011	GB1114024.1					Method of E-DCH power control for uplink inter-cell interference control
RM115239	US01	Filed	15 Aug 2011	15 Aug 2011	US13/210180	US20130045771	21 Feb 2013			Effective solution of handling PUCCH and PRACH collision
RM115238	Family	Filed	9 Nov 2011	9 Nov 2011						
RM115238	WO01	POA received	9 Nov 2011	9 Nov 2011	PCT/CN2011/081990	WO2013067693	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	POA received	9 Nov 2011	9 Nov 2011	PCT/CN2011/081989	WO2013067695	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	POA received	13 Oct 2011	13 Oct 2011	PCT/CN2011/080975	WO2013053125	18 Apr 2013			Signaling optimization for deploying LTE system in White Space
RM115235	Family	Filed	29 Aug 2011	29 Aug 2011						Signaling reduction and triggering of offline MTC terminals
RM115235	GB01	Granted	30 Mar 2012	29 Aug 2011	GB1114986.1	GB2488753	27 Jun 2012	GB2488753	4 Sep 2013	Signaling reduction and triggering of offline MTC terminals
RM115235	US01	Granted	31 Aug 2011	29 Aug 2011	US13/222330	US8344244	14 Aug 2012	US8344244	14 Aug 2012	Signaling reduction and triggering of offline MTC terminals
RM115235	WO01	Filed	29 Aug 2011	29 Aug 2011	PCT/IB2012/054441	WO2013030724	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
RM115232	Family	Filed	9 Sep 2011	9 Sep 2011						Mechanisms to enable pre-scheduling in flexible TDD system
RM115232	WO01	POA received	9 Sep 2011	9 Sep 2011	PCT/CN2011/079542	WO2013033918	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/CN2011/079866	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	GB1116540.7	GB2496636	29 May 2013			Cellular Assisted Intelligent Transport System
RM115230	US01	Filed	27 Sep 2011	27 Sep 2011	US13/248462	US20130079040	28 Mar 2013			Cellular Assisted Intelligent Transport System
RM115230	WO01	Filed	27 Sep 2012	27 Sep 2011	PCT/IB2012/055197	WO2013046134	4 Apr 2013			Cellular Assisted Intelligent Transport System
RM115227	Family	Filed	28 Oct 2011	28 Oct 2011						Multiple SIM ? mapping of SIMs to baseband capability
RM115227	GB01	Filed	28 Oct 2011	28 Oct 2011	GB1118981.4	GB2495985	1 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115227	US01	Response filed to POA	31 Oct 2011	28 Oct 2011	US13/285926	US20130109436	2 May 2013			Multiple SIM ? mapping of SIMs to baseband capability
RM115227	WO01	Filed	26 Oct 2012	28 Oct 2011	PCT/IB2012/055898	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	POA received	14 Dec 2011	1 Aug 2011	GB1113362.8	GB2488648	12 Sep 2012			Enhanced Interference Coordination for Paging
RM115226	US01	Filed	3 Aug 2011	1 Aug 2011	US13/197642	US20130034051	7 Feb 2013			Enhanced Interference Coordination for Paging
RM115226	WO01	Filed	1 Aug 2011	1 Aug 2011	PCT/IB2012/053924	WO2013018097	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	POA received	10 Aug 2011	10 Aug 2011	PCT/CN2011/078120	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	GB1114430.0	GB2488261	26 Sep 2012	GB2488261	13 Feb 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US01	Filed	22 Aug 2011	22 Aug 2011	US13/214528	US20130053039	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	US20130053097	28 Feb 2013	US8965319	25 Feb 2013	Mechanism to update the CSG Cell Access Check upon PLMN Change at handover
RM115222	US03	Granted	23 Jan 2013	22 Aug 2011	US13/746130	US20130130680	23 May 2013	US8487760	16 Jul 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	WO2013027189	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						E-UTRAN Support for D2D Discovery Signal Verification

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number		Description
RM115209	GB01	POA received	19 Dec 2011	19 Dec 2011	GB1121795.7	GB2497745	26 Jun 2013			
RM115209	US01	Filed	20 Dec 2011	19 Dec 2011	US13/330691	US20130163151	20 Jun 2013			
RM115209	WO01	Filed	19 Dec 2012	19 Dec 2011	PCT/IB2012/057243	WO2013/093724	27 Jun 2013			
RM115219	Family	Filed	17 Nov 2011	17 Nov 2011						SIP/module parameters download from a server to meet a communication device type approval
RM115219	GB01	Filed	17 Nov 2011	17 Nov 2011	GB1119885.6	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	US13/301135	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						Methods for Discovery Function in Device-to-Device Communication
RM115218	GB01	POA received	11 Nov 2011	11 Nov 2011	GB1119512.9	GB2497916	3 Jul 2013			Methods for Discovery Function in Device-to-Device Communication
RM115218	US01	Filed	14 Nov 2011	11 Nov 2011	US13/295282	US20130122883	16 May 2013			Methods for Discovery Function in Device-to-Device Communication
RM115216	Family	Filed	16 Aug 2011	16 Aug 2011						Method to distribute a common timing reference and activity times in MTC system
RM115216	GB01	Response filed to POA	26 Mar 2012	16 Aug 2011	GB1114080.3	GB2493752	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	US13/210816	US20130044639	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	US20130024663	21 Feb 2013	US8437285	7 May 2013	Method to distribute a common timing reference and activity times in MTC system
RM115218	Family	Filed	25 Nov 2011	25 Nov 2011						Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115215	GB01	Filed	25 Nov 2011	25 Nov 2011	GB1120393.2	GB2497081	5 Jun 2013			Network and HW resource sharing in roaming and carrier aggregation between Core Band and Sub Bands
RM115215	US01	Filed	2 Dec 2011	25 Nov 2011	US13/310396	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	16 Oct 2011	18 Oct 2011	PCT/CN2011/080981	WO2013/056418	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	GB2495515	20 Jun 2012	GB2495515	14 Nov 2012	Signal Reusing LNA
RM115213	US01	Granted	2 Sep 2011	2 Sep 2011	US13/224430	US20130057350	7 Mar 2013	US8427239	23 Apr 2013	Signal Reusing LNA
RM115213	US02	Granted	20 Jun 2012	2 Sep 2011	US13/526222	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	13 Sep 2011	GB1115659.5	GB2494633	20 Mar 2013			Signaling method for joint controlled and non-controlled buffer status reporting
RM115212	US01	Filed	12 Sep 2011	12 Sep 2011	US13/229669	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	GB1117826.2	GB2490978	21 Nov 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	GB02	Granted	12 Oct 2011	19 May 2011	GB1209423.4	GB2492895	21 Nov 2012	GB2490895	15 May 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	TW01	Filed	18 May 2012	19 May 2011	TW101117329	TW201248116	1 Dec 2012			Cost and Performance Optimized Adaptive Radio Platform
RM115211	US01	Granted	12 Oct 2011	19 May 2011	US13/271830	US20120293286	20 Nov 2012	US8514021	20 Aug 2013	Cost and Performance Optimized Adaptive Radio Platform
RM115211	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052469	WO2012/156946	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	29 Nov 2011	US13/309952	US20130136115	30 May 2013			Method for selecting the access technology to use after an unsuccessful CSFB service request
RM115210	WO01	Filed	22 Nov 2012	28 Nov 2011	PCT/IB2012/056620	WO2013/080098	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	GB1116828.8	GB2495423	5 Dec 2012	GB2495423	5 Jun 2013	Higher rank MIMO for distributed antenna arrays
RM115209	GB02	Filed	22 Jun 2012	27 Sep 2011	GB1211156.5	GB2495168	3 Apr 2013			Higher rank MIMO for distributed antenna arrays
RM115209	US01	Filed	27 Sep 2011	27 Sep 2011	US13/246326	US20130077707	28 Mar 2013			Higher rank MIMO for distributed antenna arrays

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	Short title
RM115208	Family	Filed	25 Nov 2011	25 Nov 2011						Channel and Radio Resource Grid Partition for Device-to-Device Communication in White Space Spectrum Bands
RM115208	WO01	Filed	25 Nov 2011	25 Nov 2011	PCT/CN2011/083282	WO2013078648	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	GB2497956	12 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	US01	Filed	14 Dec 2011	14 Dec 2011	US13/327225	US20130156019	20 Jun 2013			Coexistence of LTE with WLAN in the shared band
RM115206	WO01	Filed	13 Dec 2012	14 Dec 2011	PCT/IB2012/057272	WO2013088387	20 Jun 2013			Coexistence of LTE with WLAN in the shared band
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	GB1118798.5	GB2496891	1 May 2013			LTE operation over TVWS in the presence of WLAN-based system
RM115205	US01	Filed	1 Nov 2011	28 Oct 2011	US13/286354	US20130107715	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	GB1121137.3	GB2497518	19 Jun 2013			The enhanced fragmentation mode for 802.11 WLAN systems
RM115204	US01	Filed	9 Dec 2011	8 Dec 2011	US13/315823	US20130148646	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/CN2011/078402	WO2013023354	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	GB1119437.0	GB2496978	21 Nov 2012	GB2496978	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	US13/301204			US8385261	26 Feb 2013	An Improved Method of Cell Search and Synchronization for Wireless Systems having Non-circular Statistics
RM115202	US02	Filed	20 Nov 2012	10 Nov 2011	US13/777356	US20130165106	27 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	WO2013068788	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/IB2011/001654	WO2013030606	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	GB1118629.2	GB2496484	15 May 2013			The enhanced 802.11 receiver via retransmission diversity
RM115200	US01	Filed	15 Nov 2011	14 Nov 2011	US13/297459	US20130121326	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	GB1118928.9	GB2496153	8 May 2013			Resource allocation signaling method for D2D discovery
RM115199	US01	Filed	2 Nov 2011	2 Nov 2011	US13/288226	US20130115901	9 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	GB1114074.8	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	US13/209798	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/IB2012/054185	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/CN2011/077784	WO2013016862	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/CN2011/078102	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	GB1114695.4	GB2493991	20 Feb 2013	GB2493991	12 Sep 2013	Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Expiry date	Title
RM115192	US01	Closed	24 Aug 2011	24 Aug 2011	US13/216279	US20130051386	28 Feb 2013			Channels Through Rate Allocation and Network Coding
RM115192	US02	Filed	13 Mar 2012	24 Aug 2011	US13/418736	US20130051388	28 Feb 2013			Provision of Multicast Reliability for Time-Varying Packet Erasure Channels Through Rate Adaptation and Network Coding
RM115191	Family	Filed	7 Oct 2011	7 Oct 2011						Interfacing DigRFv4 to LVDS
RM115191	GB01	POA received	7 Oct 2011	7 Oct 2011	GB1117364.8	GB2496308	10 Apr 2013			Interfacing DigRFv4 to LVDS
RM115191	US01	Filed	7 Oct 2011	7 Oct 2011	US13/268,295	US20130090148	11 Apr 2013			Interfacing DigRFv4 to LVDS
RM115189	Family	Filed	26 Jul 2011	26 Jul 2011						Optimization for Wireless Communication Method
RM115189	GB01	POA received	30 Mar 2012	26 Jul 2011	GB1113008.5	GB2493847	12 Sep 2012			Optimization for Wireless Communication Method
RM115189	US01	Filed	26 Jul 2011	26 Jul 2011	US13/193055	US20130029177	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	8 Sep 2011	9 Sep 2011	PCT/CN2011/079949	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/CN2011/077739	WO2013013412	31 Jan 2013			A method of quickly frequency switch between cellular band and shared band
RM115186	Family	Filed	30 Aug 2011	30 Aug 2011						On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	GB01	Filed	30 Aug 2011	30 Aug 2011	GB1114892.1	GB2494134	6 Mar 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	US01	Filed	30 Aug 2011	30 Aug 2011	US13/221343	US20130051272	28 Feb 2013			On efficient resource allocation for device-to-device discovery in LTE TDD system
RM115186	WO01	Filed	29 Aug 2012	30 Aug 2011	PCT/IB2012/054453	WO2013038773	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	GB1115197.4	GB2494394	13 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115185	US01	Filed	2 Sep 2011	31 Aug 2011	US13/224826	US20130058285	7 Mar 2013			Spatial hashing for enhanced PDCCH search spaces
RM115185	WO01	Filed	31 Aug 2011	31 Aug 2011	PCT/IB2012/054487	WO2013031799	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	GB1112196.2	GB2493487	13 Feb 2013	GB2493487	31 Jul 2013	Enhanced Connectivity Setup for Advanced Dynamic Wireless Mesh Networks
RM115184	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183542	US20130016649	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	GB1113502.2	GB2493394	6 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
RM115183	US01	Filed	5 Aug 2011	5 Aug 2011	US13/204073	US20130034092	7 Feb 2013			Joint DPCCH/F-DPCH and PCICH out-of-synchronization detection and reporting
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	GB2494480	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	US13/199645	US20130058136	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	WO2013038335	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/CN2011/077739	WO2013013488	31 Jan 2013			Signaling and procedure design for TD-LTE cluster contending with WLAN on ISM bands
RM115178	Family	Filed	25 Jul 2011	25 Jul 2011						Method of autonomous fallback from CELL_FACH to CELL_PCH state

Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Expiry date	Name of invention
RM115178	GB01	Filed	25 Jul 2011	25 Jul 2011	GB1112737.0	GB2493332	6 Feb 2013			Idle
RM115179	US01	Filed	25 Jul 2011	25 Jul 2011	US13/191794	US20130028251	31 Jan 2013			Method of autonomous fallback from CELL_FACH to CELL_PCH state
RM115177	Family	Filed	8 Aug 2011	8 Aug 2011						Retransmission-less Acknowledged Mode RLC
RM115177	GB01	PCA received	25 Nov 2011	8 Aug 2011	GB1113664.5	GB2484772	25 Apr 2012			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	16 May 2012	8 Aug 2011	US13/471840	US20130039269	14 Feb 2013			Retransmission-less Acknowledged Mode RLC
RM115176	Family	Filed	12 Aug 2011	12 Aug 2011						Methods of uplink resource selection
RM115176	GB01	Granted	12 Aug 2011	12 Aug 2011	GB1113877.3	GB2493973	21 Nov 2012	GB2493973	9 Jul 2013	Methods of uplink resource selection
RM115176	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208700	US20130039297	14 Feb 2013			Methods of uplink resource selection
RM115176	US02	Granted	29 Dec 2011	12 Aug 2011	US13/339458	US20130039354	14 Feb 2013	US8437302	7 May 2013	Methods of uplink resource selection
RM115176	US03	Filed	1 Mar 2013	12 Aug 2011	US13/782780	US20130176922	11 Jul 2013			Methods of uplink resource selection
RM115176	WO01	Filed	10 Aug 2012	12 Aug 2011	PCT/GB2012/052002	WO2013024413	21 Feb 2013			Methods of uplink resource selection
RM115175	Family	Filed	14 Oct 2011	14 Oct 2011						Shared Memory Access Controller
RM115175	GB01	Granted	14 Oct 2011	14 Oct 2011	GB1117740.9	GB2493753	13 Nov 2012	GB2493753	27 Mar 2013	Shared Memory Access Controller
RM115175	US01	Filed	14 Oct 2011	14 Oct 2011	US13/273,422	US20130097390	18 Apr 2013			Shared Memory Access Controller
RM115175	US02	Granted	10 Oct 2012	14 Oct 2011	US13/650,935	US20130097394	18 Apr 2013	US8521988	27 Aug 2013	Shared Memory Access Controller
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/CN2011/077096	WO2013007018	17 Jan 2013			Search Space Redefinition for CC-specific TDD UL/DL Configurations
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/CN2011/080141	WO2013026193	28 Feb 2013			Effective solution to measure TA on extension carrier
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/CN2011/077754	WO2013013376	31 Jan 2013			Mechanisms to enable fast switching between CA and MIMO in LTE-Advanced
RM115171	Family	Filed	11 Jul 2011	11 Jul 2011						C-RNTI multiplexing by time division
RM115171	GB01	Filed	11 Jul 2011	11 Jul 2011	GB1111633.8	GB2493128	30 Jan 2013			C-RNTI multiplexing by time division
RM115171	US01	Closed	11 Jul 2011	11 Jul 2011	US13/178619	US20130016703	17 Jan 2013			C-RNTI multiplexing by time division
RM115165	Family	Filed	30 Jul 2011	30 Jul 2011						Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115165	WO01	POA received	30 Jul 2011	30 Jul 2011	PCT/CN2011/077738	WO2013016923	24 Jan 2013			Downlink Synchronization Group in discontinuous transmission in unlicensed band
RM115168	Family	Filed	15 Jul 2011	15 Jul 2011						Virtual X2 via 802.16.1 Co-existence Manager
RM115168	GB01	POA received	15 Jul 2011	15 Jul 2011	GB1112129.0	GB2492840	16 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
RM115168	US01	Filed	15 Jul 2011	15 Jul 2011	US13/183840	US20130017837	17 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
RM115168	WO01	Filed	13 Jul 2012	15 Jul 2011	PCT/IB2012/053500	WO2013011439	24 Jan 2013			Virtual X2 via 802.16.1 Co-existence Manager
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	GB2492500	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	US20130010706	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			Uplink Power Control Adjustment State for PUSCH in Discontinuous Data Transfer
RM115166	Family	Filed	8 Jul 2011	8 Jul 2011						Interference mitigation via channel reservation in LA TDD network
RM115166	WO01	POA received	6 Jul 2011	8 Jul 2011	PCT/CN2011/077100	WO2013007018	17 Jan 2013			Interference mitigation via channel reservation in LA TDD network
RM115164	Family	Filed	5 Jul 2011	5 Jul 2011						Power Control Enhancement in LA TDD network
RM115164	WO01	POA received	5 Jul 2011	5 Jul 2011	PCT/CN2011/077586	WO2013004087	10 Jan 2013			Power Control Enhancement in LA TDD network
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	GB2493384	23 Jan 2013			Enabling efficient ad hoc network operation on Television White Spaces

Case ref.#	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number		Working Space
RM115161	US01	Filed	18 Jul 2011	18 Jul 2011	US13/184702	US2013021910	24 Jan 2013			
RM115160	Family	Filed	7 Jul 2011	7 Jul 2011						Extended Proximity Indication for CSG cells
RM115160	GB01	Filed	7 Jul 2011	7 Jul 2011	GB1111627.4	GB2492364	9 Jan 2013			Extended Proximity Indication for CSG cells
RM115160	US01	Filed	7 Jul 2011	7 Jul 2011	US13/177920	US2013013797	10 Jan 2013			Extended Proximity Indication for CSG cells
RM115160	WO01	Filed	5 Jul 2012	7 Jul 2011	PCT/IB2012/053425	WO2013005175	10 Jan 2013			Extended Proximity Indication for CSG cells
RM115159	Family	Filed	5 Jul 2011	5 Jul 2011						Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	GB01	Filed	5 Jul 2011	5 Jul 2011	GB1111467.5	GB2492364	9 Jan 2013			Feedback framework for MIMO operation in Heterogeneous Networks
RM115159	US01	Filed	5 Jul 2011	5 Jul 2011	US13/178169	US2013010680	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	30 Aug 2011	GB1114668.9	GB2494122	6 Mar 2013			Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115158	US01	Filed	30 Aug 2011	30 Aug 2011	US13/221256	US2013051398	28 Feb 2013			Multi-User Resource Allocation Scheme for LTE System Utilizing Listen-Before-Talk Type Channel Access
RM115157	Family	Filed	4 Jul 2011	4 Jul 2011						RACH optimization for LTE-Advance Local Area Deployment
RM115157	WO01	Filed	4 Jul 2011	4 Jul 2011	PCT/CN2011/07668	WO2013004002	10 Jan 2013			
RM115155	Family	Filed	26 Jul 2011	26 Jul 2011						RACH optimization for LTE-Advance Local Area Deployment
RM115155	WO01	PCIA received	26 Jul 2011	26 Jul 2011	PCT/CN2011/07782	WO2013013560	31 Jan 2013			A new way to get TA for LTE system deployed in White Space
RM115154	Family	Filed	15 Jun 2011	15 Jun 2011						A new way to get TA for LTE system deployed in White Space
RM115154	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1110111.0	GB2491868	19 Dec 2012			Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115154	US01	Filed	15 Jun 2011	15 Jun 2011	US13/160552	US2012320474	20 Dec 2012			Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115153	Family	Filed	9 Aug 2011	9 Aug 2011						Usage of registration area information and update status at switch-on and recovery from lack of coverage
RM115153	IN01	Filed	17 Aug 2011	9 Aug 2011	IN/2328/MUM/2011	IN02328MU2011	26 Feb 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115153	WO01	Filed	8 Aug 2011	9 Aug 2011	PCT/IB2011/053532	WO2013024327	21 Feb 2013			Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115152	Family	Filed	16 May 2011	16 May 2011						Optimizing UE operation in FACH/RACH or HS-FACH RACH mode
RM115152	GB01	PCIA received	16 May 2011	16 May 2011	GB1108159.3	GB2489757	10 Oct 2012			BEP measurements for VAMOS
RM115152	US01	Granted	16 May 2011	16 May 2011	US13/108393	US2012294283	22 Nov 2012			BEP measurements for VAMOS
RM115152	US02	Granted	13 Oct 2011	16 May 2011	US13/272796	US2012294284	22 Nov 2012	US8345642	1 Jan 2013	BEP measurements for VAMOS
RM115152	WO01	Filed	16 May 2012	16 May 2011	PCT/IB2012/052471	WO2012156934	22 Nov 2012			BEP measurements for VAMOS
RM115151	Family	Filed	27 Jul 2011	27 Jul 2011						Reduced measurement and reporting in UE
RM115151	GB01	Filed	27 Jul 2011	27 Jul 2011	GB1112918.6	GB2493183	30 Jan 2013			Reduced measurement and reporting in UE
RM115151	US01	Filed	27 Jul 2011	27 Jul 2011	US13/191661	US2013028707	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	PCIA received	26 Aug 2011	26 Aug 2011	GB1114816.0	GB2493986	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	US13/218834	US2013051383	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/IB2012/054269	WO2013030792	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
RM115146	Family	Filed	27 Jun 2011	27 Jun 2011						Reverse Scheduling Mechanisms
RM115146	GB01	Filed	27 Jun 2011	27 Jun 2011	GB1110960.6	GB2492934	2 Jan 2013			Reverse Scheduling Mechanisms
RM115146	US01	Filed	27 Jun 2011	27 Jun 2011	US13/169336	US2012327967	27 Dec 2012			Reverse Scheduling Mechanisms
RM115144	Family	Filed	21 Jun 2011	21 Jun 2011						Cell-based dynamic configuration method for offline small data transmission of detached MTC devices

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		
RM115144	WO01	PCA received	21 Jun 2011	21 Jun 2011	PCT/CN2011/076002	WO2012174709	27 Dec 2012			Data transmission of electronic price tag
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/CN2011/076017	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	US13/165884	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	PCA received	17 Nov 2011	17 Nov 2011	GB1119964.5	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	US13/299843	US20130128633	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	US13/678990	US20130136830	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	GB1111386.8	GB2486637	3 Oct 2012	GB2486637	5 Jun 2013	Discrimination between UE mobility classes
RM115140	GB02	Granted	29 Jun 2011	29 Jun 2011	GB1205868.5	GB2492616	9 Jan 2013	GB2492616	5 Jun 2013	Discrimination between UE mobility classes
RM115140	US01	Filed	29 Jun 2011	29 Jun 2011	US13/172189	US20130005381	3 Jan 2013			Discrimination between UE mobility classes
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	GB1116216.2	GB2495283	10 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115139	US01	Filed	30 Sep 2011	30 Sep 2011	US13/248553	US20130084842	4 Apr 2013			Inheriting of UE mobility state between EUTRAN and other RATs
RM115136	Family	Filed	2 May 2011	2 May 2011						CSI-RS density enhancement
RM115136	GB01	Closed	2 May 2011	2 May 2011	GB1107383.2					CSI-RS density enhancement
RM115136	GB02	Filed	1 Sep 2011	2 May 2011	GB1115130.5	GB2490750	14 Nov 2012			CSI-RS density enhancement
RM115136	US01	Granted	2 May 2011	2 May 2011	US13/098873	US20120282935	8 Nov 2012	US8259817	16 Oct 2012	CSI-RS density enhancement
RM115136	WO01	Filed	1 May 2012	2 May 2011	PCT/IB2012/052173	WO2012150545	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	PCA 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	US13/209512	US20130046121	21 Feb 2013			LTE security and bearer context hibernation for low periodicity packet transmission
RM115135	WO01	Filed	13 Aug 2012	15 Aug 2011	PCT/IB2012/054143	WO2013024435	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	PCA received	31 Aug 2011	19 Aug 2011	GB1115028.1	GB2493788	20 Feb 2013			Indication of UE Mobility State to the Network to Enhance Mobility and Call Performance
RM115134	US01	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	US20130047765	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	US13/736485	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	GB1108444.9	GB2481487	28 Dec 2011	GB2481487	29 Aug 2012	Configurable Low Noise Amplifier
RM115133	GB02	Granted	19 May 2011	19 May 2011	GB1116762.6	GB2490878	21 Nov 2012	GB2490878	29 May 2013	Configurable Low Noise Amplifier
RM115133	TW01	Filed	19 May 2012	19 May 2011	TW101117337	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	US20120293266	22 Nov 2012	US8319565	27 Nov 2012	Configurable Low Noise Amplifier
RM115133	WO01	Filed	18 May 2012	19 May 2011	PCT/IB2012/052396	WO2012156945	22 Nov 2012			Configurable Low Noise Amplifier

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	GB1114589.3	GB2494111	6 Mar 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	US01	Closed	23 Aug 2011	23 Aug 2011	US13/316877	US20130053092	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
RM115132	WO01	Filed	21 Aug 2012	23 Aug 2011	PCT/IB2012/054216	WO2013027172	28 Feb 2013			Accuracy improvement to UE mobility state detection in EUTRAN system
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/CN2011/001167	WO2013006988	17 Jan 2013			Flexible LTE system utilization on unlicensed band
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/CN2011/075852	WO2012167481	13 Dec 2012			Methods for CQI report in LA TDD network with flexible TDD configuration
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	GB1110968.3	GB2492536	9 Jan 2013	GB2492536	29 May 2013	Dual-SIM power reduction by combining operations
RM115126	US01	Filed	28 Jun 2011	28 Jun 2011	US13/170830	US20130005394	3 Jan 2013			Dual-SIM power reduction by combining operations
RM115125	Family	Filed	6 Jul 2011	6 Jul 2011						A method to avoid radio interference in multiple RF multiple SIM device
RM115125	GB01	Filed	6 Jul 2011	6 Jul 2011	GB1111564.9	GB2492577	9 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
RM115125	US01	Filed	6 Jul 2011	6 Jul 2011	US13/176941	US20130012135	10 Jan 2013			A method to avoid radio interference in multiple RF multiple SIM device
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/CN2011/075432	WO2012167424	13 Dec 2012			Feedback Design of Hierarchical Coordinated Multipoint Transmission
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/CN2011/073650	WO2012149679	8 Nov 2012			Methods to reduce interference from/to DL control and CRS in LA TDD network with flexible TDD configuration
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	GB1110966.3	GB2492325	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	US20130027832	07 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	US13/308576	US20120327935	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/IB2012/053263	WO2012176179	27 Dec 2012			Multi-System Coexistence on Shared Bands using Multicast Grouping Based on the Channel Occupancy in Shared Band
RM115121	Family	Filed	2 May 2011	2 May 2011						Compressed Group RACH Access and Management
RM115121	US01	Filed	2 May 2011	2 May 2011	US13/068,386	US20120281679	8 Nov 2012			Compressed Group RACH Access and Management
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/CN2011/075538	WO2012167417	13 Dec 2012			Flexible time-frequency Reference Signal pattern and CSI configuration on new carrier types
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	28 Jun 2011	28 Jun 2011	GB1111160.6	GB2492930	7 Dec 2011	GB2492930	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	US20130003695	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	US13/371877	US20130005396	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform
RM115118	WO01	Filed	28 Jun 2011	28 Jun 2011	PCT/IB2012/053279	WO2013001483	3 Jan 2013			Sharing cellular radio processor system resources for running of the SW protocol stack of non-cellular radio on a SDR modem platform

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number		
RM115117	Family	Filed	8 Jun 2011	8 Jun 2011						System Information Cache
RM115117	GB01	POA received	8 Jun 2011	8 Jun 2011	GB1109993.2	GB2491617	12 Dec 2012			System Information Cache
RM115117	US01	Filed	8 Jun 2011	8 Jun 2011	US13/155810	US20120315910	13 Dec 2012			System Information Cache
RM115117	US02	Granted	18 Oct 2011	8 Jun 2011	US13/275865	US20120315845	13 Dec 2012	US8564144	29 Jan 2013	System Information Cache
RM115115	Family	Filed	19 Jul 2011	19 Jul 2011						CSI Measurement and Reporting for Segment Carrier
RM115115	WO01	POA received	18 Jul 2011	18 Jul 2011	PCT/CN2011/077331	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	GB2492794	16 Jan 2013	GB2492794	17 Jul 2013	AGC control for eICIC
RM115114	US01	Granted	12 Jul 2011	12 Jul 2011	US13/180791	US20130017793	17 Jan 2013	US8494467	23 Jul 2013	AGC control for eICIC
RM115114	WO01	Filed	11 Jul 2012	12 Jul 2011	PCT/IB2012/053543	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 2011	2 Apr 2011	PCT/CN2011/072413	WO2012135992	6 Dec 2012			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	GB03	Filed	12 Jul 2011	28 Apr 2011	GB1111934.4	GB2490370	30 Oct 2012	GB2490370	8 May 2013	Method of combining common channel configurations CELL_FACH state
RM115110	GB02	Closed	28 Apr 2011	28 Apr 2011	GB1107198.6					Method of combining common channel configurations CELL_FACH state
RM115110	GB03	Granted	10 Jul 2012	28 Apr 2011	GB1212286.7	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	US13/086085	US20120275388	1 Nov 2012			Method of combining common channel configurations CELL_FACH state
RM115110	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052126	WO2012147066	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	GB2490494	7 Nov 2012	GB2490494	24 Jul 2013	Methods of multipoint HSDPA in CELL_FACH state
RM115108	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096124	US20120276915	1 Nov 2012			Methods of multipoint HSDPA in CELL_FACH state
RM115106	Family	Filed	2 Jun 2011	2 Jun 2011						Flexible enable and disable of Cross-CC Scheduling
RM115106	WO01	POA received	2 Jun 2011	2 Jun 2011	PCT/CN2011/075174	WO2012162869	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	POA received	16 May 2011	16 May 2011	PCT/CN2011/074081	WO2012155526	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	GB1108109.7	GB2491367	5 Dec 2012	GB2491367	8 May 2013	High time offset indicator for CoMP
RM115106	GB02	Granted	31 May 2011	31 May 2011	GB1122200.7	GB2491426	5 Dec 2012	GB2491426	8 May 2013	High time offset indicator for CoMP
RM115106	US01	Filed	31 May 2011	31 May 2011	US13/145087	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/CN2011/074668	WO2012159270	29 Nov 2012			Resource allocation for D2D deployment in LTE system
RM115104	Family	Filed	12 Aug 2011	12 Aug 2011						Frame aggregation
RM115103	GB01	Filed	12 Aug 2011	12 Aug 2011	GB1113934.2	GB2493713	20 Feb 2013			Frame aggregation
RM115103	US01	Filed	12 Aug 2011	12 Aug 2011	US13/208913	US20130039238	14 Feb 2013			Frame aggregation
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	GB2492128	26 Dec 2012	GB2492128	12 Jun 2013	Mitigating other UE UL interference in LTE TDD networks
RM115102	US01	Filed	22 Jun 2011	22 Jun 2011	US13/156429	US20120327820	27 Dec 2012			Mitigating other UE UL interference in LTE TDD networks
RM115102	US02	Filed	22 Jun 2011	22 Jun 2011	US13/672305	US20130064165	14 Mar 2013			Mitigating other UE UL interference in LTE TDD networks
RM115102	WO01	Filed	20 Jun 2012	22 Jun 2011	PCT/IB2012/053121	WO2012176136	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	POA received	20 May 2011	20 May 2011	GB1108527.1	GB2491119	28 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method
RM115101	US01	Filed	20 May 2011	20 May 2011	US13/112480	US20120294165	22 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Effective Resource Sharing Method

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Description
RM115101	US02	Filed	18 Jan 2012	20 May 2011	US13/353755	US2012284344	22 Nov 2012			Resource Sharing Method
RM115101	WO01	POA received	17 May 2012	20 May 2011	PCT/IB2012/052488	WO2012160488	29 Nov 2012			Hopping Pattern Defined Sensing and Decision Period with Resource Sharing Method
RM115100	Family	Filed	29 Apr 2011	29 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US01	POA received	2 Apr 2013	29 Apr 2011	US13/865232					PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	US02	ToFiling		29 Apr 2011						PUCCH Performance Enhancement with CC-specific TDD UL/DL configurations
RM115100	WO01	POA received	29 Apr 2011	29 Apr 2011	PCT/CN2011/073552	WO2012145922	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	POA received	3 Nov 2011	3 Nov 2011	GB1119080.6	GB2496164	8 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	US01	Filed	4 Nov 2011	3 Nov 2011	US13/289482	US2013114662	9 May 2013			Calibration / equalization of radio receiver analog baseband filter
RM115098	WO01	POA received	2 Nov 2012	3 Nov 2011	PCT/IB2012/056118	WO2013065021	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	GB1105696.2	GB2485854	30 May 2012	GB2485854	11 Dec 2013	Method of fast reselection from UTRAN to EUTRAN
RM115097	GB02	Granted	1 Apr 2011	1 Apr 2011	GB1204236.5	GB2497319	18 Jul 2012	GB2497319	27 Feb 2013	Method of fast reselection from UTRAN to EUTRAN
RM115097	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078134	US2012252452	4 Oct 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	US02	Filed	12 Mar 2013	1 Apr 2011	US13/417516	US2013252498	19 Apr 2013			Method of fast reselection from UTRAN to EUTRAN
RM115097	US03	Filed	13 Jun 2012	1 Apr 2011	US13/524660	US2012330879	20 Dec 2012			Method of fast reselection from UTRAN to EUTRAN
RM115097	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051586	WO2012131656	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	GB1105648.8	GB2477232	27 Jul 2011	GB2477232	2 May 2012	Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	GB02	Filed	1 Apr 2011	1 Apr 2011	GB1119675.5					Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115095	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078286	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	US13/279899	US2012252448	18 Apr 2013			Triggering of inter-RAT reporting for UMTS ANR when ISR is enabled
RM115093	Family	Filed	1 Apr 2011	1 Apr 2011						Method of pending security abortion indication
RM115093	CN01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115093	EP01	Filed	7 Oct 2011	1 Apr 2011	EP11184417.1	EP2506614	3 Oct 2012			Method of pending security abortion indication
RM115093	EP02	Filed	11 Jun 2012	1 Apr 2011	EP12171491.9	EP2523420	14 Nov 2012			Method of pending security abortion indication
RM115093	GB01	Granted	1 Apr 2011	1 Apr 2011	GB1105647.0	GB2480127	9 Nov 2011	GB2480127	16 May 2012	Method of pending security abortion indication
RM115093	IN01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115093	JP01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115093	KR01	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115093	US01	Granted	1 Apr 2011	1 Apr 2011	US13/078223	US2012252404	4 Oct 2012	US8417226	9 Apr 2013	Method of pending security abortion indication
RM115093	US02	Granted	18 Jan 2012	1 Apr 2011	US13/353934	US2012252466	4 Oct 2012	US8412159	2 Apr 2013	Method of pending security abortion indication
RM115093	US03	ToFiling		1 Apr 2011						Method of pending security abortion indication
RM115093	WO01	Filed	2 Apr 2012	1 Apr 2011	PCT/IB2012/051612	WO2012131661	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	GB1110667.5	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	US13/170698	US2013005290	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	POA received	26 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

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		
RM115091	GB01	Granted	28 Apr 2011	28 Apr 2011	GB1107206.3	GB2490362	31 Oct 2012	GB2490362	20 Mar 2013	acquisition
RM115091	US01	Filed	28 Apr 2011	28 Apr 2011	US13/096185	US20120276933	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115091	WO01	Filed	27 Apr 2012	28 Apr 2011	PCT/IB2012/052139	WO2012147048	1 Nov 2012			Robustness improvement to EUTRAN system information acquisition
RM115090	Family	Filed	30 May 2011	30 May 2011						HARQ Procedures for Dynamical TDD configuration
RM115090	WO01	Filed	30 May 2011	30 May 2011	PCT/CN2011/074887	WO2012162877	6 Dec 2012			HARQ Procedures for Dynamical TDD configuration
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/CN2011/073117	WO2012142761	26 Oct 2012			Robust dynamical TDD configuration change to limit error case in LTE Local-Area
RM115088	Family	Filed	6 Jun 2011	6 Jun 2011						LTE-HSPA HARQ Optimization
RM115088	GB01	Filed	6 Jun 2011	6 Jun 2011	GB1109448.7	GB2491615	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
RM115088	US02	Granted	13 Mar 2012	6 Jun 2011	US13/418624			US8270364	18 Sep 2012	LTE-HSPA HARQ Optimization
RM115088	WO01	Filed	4 Jun 2012	6 Jun 2011	PCT/IB2012/052788	WO2012168933	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	28 Nov 2011	20 May 2011	GB1120549.2	GB2490680	21 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	GB03	Granted	20 May 2011	20 May 2011	GB1208906.8	GB2491001	21 Nov 2012	GB2491001	8 May 2013	Quality algorithm for sleep clock calibration
RM115087	US01	Closed	20 May 2011	20 May 2011	US13/113099					Quality algorithm for sleep clock calibration
RM115087	US02	POA received	2 Dec 2011	20 May 2011	US13/310048	US20120294212	22 Nov 2012			Quality algorithm for sleep clock calibration
RM115087	WO01	Filed	17 May 2012	20 May 2011	PCT/IB2012/052494	WO2012160490	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	GB1108911.1	GB2491401	5 Dec 2012			On spectrum sharing and allocation strategies for LTE on ISM Band
RM115085	US01	Filed	3 Jun 2011	3 Jun 2011	US13/152826	US20120303870	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/CN2011/074887	WO2012162875	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/CN2011/073440	WO2012145907	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	GB1110309.2	GB2491887	19 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US01	Filed	16 Jun 2011	16 Jun 2011	US13/161640	US20120320764	20 Dec 2012			New measurement events for the support of non adjacent multicarrier UE with low complexity receiver
RM115079	US02	Granted	21 Oct 2011	16 Jun 2011	US13/278482	US20120320769	20 Dec 2012	US8625278	07 Nov 2012	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	GB2479658	19 Oct 2011			UE feedback for mitigating the impact of inter-cell propagation delays in downlink CoMP
RM115078	US01	Filed	27 Apr 2011	27 Apr 2011	US13/095241	US20120275562	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/CN2011/072760	WO2012139273	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	GB1114599.2	GB2495693	24 Apr 2013			Random Access Preamble Structure for UEs in Relay Cell

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	
RM115075	US01	Filed	29 Aug 2011	29 Aug 2011	US13/193988	US20130051307	28 Feb 2013			Enhanced ICIC
RM115074	Family	Filed	22 Jun 2011	22 Jun 2011						Adaptive control methods for more efficient HARQ memory usage
RM115074	GB01	Granted	22 Jun 2011	22 Jun 2011	GB1110398.6	GB2492126	27 Dec 2012	GB2492126	7 Aug 2013	Adaptive control methods for more efficient HARQ memory usage
RM115074	US01	Granted	22 Jun 2011	22 Jun 2011	US13/166365	US20120331241	27 Dec 2012			Efficient HARQ Timing Design for Flexible TDD Configuration
RM115073	Family	Filed	26 Sep 2011	26 Sep 2011						
RM115072	WO01	POA received	26 Sep 2011	26 Sep 2011	PCT/CN2011/080189	WO2013044442	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/CN2011/072659	WO2012138272	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	GB2489690	10 Oct 2012	GB2489690	30 Mar 2013	Infrequent small data transmission method for detached MTC devices
RM115071	US01	Filed	1 Apr 2011	1 Apr 2011	US13/078074	US20120264480	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	WO2012131554	2 Apr 2012			Infrequent small data transmission method for detached MTC devices
RM115070	Family	Filed	30 Jan 2011	30 Jan 2011						Double polling mechanism for WSN via UE gateway
RM115070	WO01	Filed	30 Jan 2011	30 Jan 2011	PCT/CN2011/070664	WO2012300146	9 Jan 2013			Double polling mechanism for WSN via UE gateway
RM115068	Family	Filed	16 Sep 2011	16 Sep 2011						ADC clock selection based on temperature
RM115068	GB01	Response filed to POA	16 Sep 2011	16 Sep 2011	GB1116080.0	GB2494695	20 Mar 2013			ADC clock selection based on temperature
RM115068	GB02	Filed	16 Sep 2011	16 Sep 2011	GB1207522.2	GB2489367	26 Sep 2012			ADC clock selection based on temperature
RM115068	US01	Filed	16 Sep 2011	16 Sep 2011	US13/234393	US20130070815	21 Mar 2013			ADC clock selection based on temperature
RM115068	US02	Filed	16 Sep 2011	16 Sep 2011	US13/626116	US20130070816	21 Mar 2013			ADC clock selection based on temperature
RM115066	Family	Filed	11 Jul 2011	11 Jul 2011						Optimized Scheduling for Hybrid Cellular System
RM115066	GB01	Granted	11 Jul 2011	11 Jul 2011	GB1111854.4	GB2493131	30 Jan 2013	GB2493131	3 Jul 2013	Optimized Scheduling for Hybrid Cellular System
RM115066	US01	Filed	11 Jul 2011	11 Jul 2011	US13/180939	US20130016669	17 Jan 2013			Optimized Scheduling for Hybrid Cellular System
RM115066	WO01	Filed	9 Jul 2012	11 Jul 2011	PCT/IB2012/053392	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	GB1112251.2	GB2492967	23 Jan 2013			White Space Mapping Geographical Tracking Area for LTE-A system in TVWS bands
RM115067	US01	Filed	15 Jul 2011	15 Jul 2011	US13/184022	US20130016621	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/IB2012/053490	WO2013011459	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	GB1109207.9	GB2491135	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			US8159102	10 Apr 2012	Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	US02	Filed	19 Oct 2011	24 May 2011	US13/276618	US20120300712	29 Nov 2012			Quality-of-Service derived backoff calculation for LTE based non-scheduled channel access on unlicensed spectrum
RM115064	WO01	Filed	22 May 2012	24 May 2011	PCT/IB2012/052556	WO2012160510	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/CN2011/072774	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	GB1112159.5	GB2485430	16 May 2012	GB2485430	21 Aug 2013	Variable sampling-rate transmitter
RM115060	US01	Filed	15 Jul 2011	15 Jul 2011	US13/185528	US20130016761	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	GB1115814.8	GB2485433	16 May 2012	GB2485433	10 Oct 2012	Autonomous gaps for paging reception in dual SIM modem
RM115059	US01	Filed	9 Sep 2011	9 Sep 2011	US13/228015	US20130059644	14 Mar 2013			Autonomous gaps for paging reception in dual SIM modem

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Comments
RM115059	WO01	Filed	6 Sep 2012	9 Sep 2011	PCT/IB2012/054615	WO2013035059	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	GB1105691.9					Flexible measurement cycle for deactivated Scells
RM115058	GB02	Filed	20 Jan 2012	1 Apr 2011	GB1200976.7	GB2489778	10 Oct 2012			Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115058	US01	Closed	1 Apr 2011	1 Apr 2011	US13/078054	US20130252430	3 Oct 2013			Methods for interference reduction in LA TDD network with flexible TDD configuration
RM115057	Family	Filed	13 May 2011	13 May 2011						Radio Link Monitoring and Failure Handling in Network Controlled Device-to-Device Communication
RM115057	WO01	PCA received	13 May 2011	13 May 2011	PCT/CN2011/074053	WO2012155323	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						Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115054	GB01	Filed	15 Jun 2011	15 Jun 2011	GB1110114.4	GB2491870	16 Dec 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115054	US01	Filed	15 Jun 2011	15 Jun 2011	US13/160512	US20120322479	20 Dec 2012			Frequency Hopping LTE-A System on License-Exempt Shared Bands
RM115054	WO01	Filed	15 Jun 2011	15 Jun 2011	PCT/IB2012/053026	WO2012172513	20 Dec 2012			RACH solution on Scell in cross carrier scheduling case
RM115052	Family	Filed	2 Jun 2011	2 Jun 2011						RACH solution on Scell in cross carrier scheduling case
RM115052	GB01	PCA received	2 Jun 2011	2 Jun 2011	GB1109088.7	GB2491928	4 Jul 2012			Apparatus for RF power emulation
RM115052	US01	Filed	2 Jun 2011	2 Jun 2011	US13/151557	US20120307744	6 Dec 2012			Apparatus for RF power emulation
RM115052	US02	Granted	17 Oct 2011	2 Jun 2011	US13/274601	US20120307865	6 Dec 2012	US8374212	12 Feb 2013	Optimized uplink power control adjustment state in varying environments
RM115052	WO01	Filed	1 Jun 2012	2 Jun 2011	PCT/IB2012/052764	WO2012164531	6 Dec 2012			Optimized uplink power control adjustment state in varying environments
RM115051	Family	Filed	4 Apr 2011	4 Apr 2011						Optimized uplink power control adjustment state in varying environments
RM115051	WO01	Filed	4 Apr 2011	4 Apr 2011	PCT/CN2011/072453	WO2012135988	11 Oct 2012			Optimized uplink power control adjustment state in varying environments
RM115050	Family	Filed	5 Jul 2011	5 Jul 2011						Optimized uplink power control adjustment state in varying environments
RM115050	US01	PCA received	5 Jul 2011	5 Jul 2011	US13/176266	US20130016770	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	GB2479075	28 Sep 2011	GB2479075	27 Jun 2012	Optimized uplink power control adjustment state in varying environments
RM115048	US01	Filed	3 May 2011	3 May 2011	US13/099786	US20120282970	8 Nov 2012			Optimized uplink power control adjustment state in varying environments
RM115049	US02	Granted	2 Nov 2011	3 May 2011	US13/287546			US8295454	24 Jul 2012	Optimized uplink power control adjustment state in varying environments
RM115048	WO01	Filed	3 May 2012	3 May 2011	PCT/IB2012/052130	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	GB2491139	28 Nov 2012	GB2491139	22 May 2013	QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	US01	Filed	24 May 2011	24 May 2011	US13/114524	US20120302272	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
RM115047	WO01	Filed	24 May 2012	24 May 2011	PCT/IB2012/052616	WO2012160539	29 Nov 2012			QoS Control and Resource Allocation Method for Cellular Controlled D2D
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	GB1108424.1	GB2490648	21 Nov 2012	GB2490648	28 Aug 2013	CS services while MM congestion control is activated
RM115045	US01	Filed	18 May 2011	18 May 2011	US13/111366	US20120294145	22 Nov 2012			CS services while MM congestion control is activated
RM115045	US02	Filed	10 Jan 2012	18 May 2011	US13/347375	US20120294144	22 Nov 2012			CS services while MM congestion control is activated
RM115045	WO01	Filed	17 May 2012	18 May 2011	PCT/IB2012/052493	WO2012158643	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/IN2011/000285	WO2012126301	18 Oct 2012			LTE carrier aggregation configuration on TV White Space bands

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	Specification Title
RM115040	Family	Filed	12 Apr 2011	12 Apr 2011						Spectrum Sensing for LTE Unlicensed Offloading
RM115040	WO01	PCA received	12 Apr 2011	12 Apr 2011	PCT/CN2011/072759	WO2012139275	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	US13088810	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	US13083905	US20120258755	11 Oct 2012			Adaptive Control of Cell Search Procedure for Idle Mode
RM115037	WO01	Filed	10 Apr 2012	11 Apr 2011	PCT/IB2012/051739	WO2012140560	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	19 May 2011	19 May 2011	GB1108443.1	GB2491114	28 Nov 2012			Methods for Network Controlled Device-to-Device Communication in Future LTE-A System Deployed onto TV White Spaces
RM115036	US01	Filed	19 May 2011	19 May 2011	US13/111033	US20120294163	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	GB1107066.1	GB2490347	31 Oct 2012	GB2490347	1 May 2013	Method for avoiding in-device interference from Cellular to IMS
RM115035	US01	Filed	26 Apr 2011	26 Apr 2011	US13/094226	US20120276892	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	GB2489751	10 Oct 2012	GB2489751	13 Mar 2013	Enhancements for Connectivity
RM115034	GB02	Filed	8 Apr 2011	8 Apr 2011	GB1214182.6	GB2499523	7 Nov 2012			Enhancements for Connectivity
RM115034	US01	Filed	8 Apr 2011	8 Apr 2011	US13/083169	US20120258685	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	US61/442262					Power Headroom triggering in Secondary Cell activation
RM115033	US02	Filed	12 Aug 2013	13 Feb 2011	US13/864,895					Power Headroom triggering in Secondary Cell activation
RM115033	WO01	Filed	13 Feb 2012	13 Feb 2011	PCT/IB2012/050642	WO2012107912	16 Aug 2012			Power Headroom triggering in Secondary Cell activation
RM115032	Family	Filed	14 Feb 2011	14 Feb 2011						Method of prioritising RACH message content
RM115032	CN01	Filed	13 Aug 2013	14 Feb 2011	PCT/IB2012/050666					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/IB2012/050666					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	US13/026512	US20120207132	16 Aug 2012			Method of prioritising RACH message content
RM115032	WO01	Filed	14 Feb 2012	14 Feb 2011	PCT/IB2012/050666	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	GB1106358.3	GB2490110	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB02	Filed	14 Apr 2011	14 Apr 2011	GB1120064.6	GB2490185	24 Oct 2012			Auxiliary Channel Configuration to Support Shared Band Operation
RM115031	GB03	Filed	16 Jul 2012	14 Apr 2011	GB1212715.4					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	GB1305203.0	GB2498828	22 May 2013			Methods of E-DCH TTI change for Enhanced Uplink in CELL_FACH state and idle mode
RM115030	US01	Closed	1 Apr 2011	1 Apr 2011	US61/470669					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/IB2012/051559	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	US13/081888	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	GB1118184.9	GB2484827	25 Apr 2012	GB2484827	28 Nov 2012	Congestion Avoidance for Control Channels Prior Connection Establishment

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	
RM115025	US01	Granted	21 Feb 2011	21 Feb 2011	US13/031355	US20120213071	23 Aug 2012	US8699372	13 Mar 2013	Congestion Avoidance for Control Channels Prior Connection Establishment
RM115026	US02	Closed	13 Mar 2012	21 Feb 2011	US13/418967	US20130188502	25 Apr 2013			Congestion Avoidance for Control Channels Prior Connection Establishment
RM115026	US03	Filed	1 Mar 2013	21 Feb 2011	US13/781868					Congestion Avoidance for Control Channels Prior Connection Establishment
RM115026	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	CN01	ToFiling		13 Apr 2011						Beacon cluster based sensor network information collection via UE gateway
RM115027	US01	Granted	17 Nov 2011	13 Apr 2011	US13/298954	US20120263053	18 Oct 2012	US8570810	2 Oct 2012	Beacon cluster based sensor network information collection via UE gateway
RM115027	US02	Filed	26 Jul 2012	13 Apr 2011	US13/559208	US20120300632	29 Nov 2012			Beacon cluster based sensor network information collection via UE gateway
RM115027	WO01	POA received	13 Apr 2011	13 Apr 2011	PCT/CN2011/072774	WO2012139388	18 Oct 2012			Beacon cluster based sensor network information collection via UE gateway
RM115028	Family	Filed	9 Jun 2011	9 Jun 2011						Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115028	WO01	POA received	8 Jun 2011	9 Jun 2011	PCT/CN2011/075580	WO2012167492	13 Dec 2012			Signaling and procedure design to maintain the cluster downloading while new UE enters in
RM115025	Family	Filed	9 Feb 2011	9 Feb 2011						Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	DE01	ToFiling		9 Feb 2011	EP11172430.8	EP2426229		EP2426229		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	EP01	POA received	1 Jul 2011	9 Feb 2011	EP11172430.8	EP2426229	14 Mar 2012	EP2426229	11 Sep 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	EP02	Filed	16 May 2013	9 Feb 2011	EP13168124.9	EP2690879	9 Sep 2013			Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	FR01	ToFiling		9 Feb 2011	EP11172430.8	EP2426229		EP2426229		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB01	Granted	1 Jul 2011	9 Feb 2011	GB1111286.1	GB2488163	8 Nov 2011	GB2488163	5 Sep 2012	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB02	Granted	10 May 2012	9 Feb 2011	GB1208218.6	GB2488586	5 Sep 2012	GB2488586	3 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	GB03	ToFiling		9 Feb 2011	EP11172430.8	EP2426229		EP2426229		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	IT01	ToFiling		9 Feb 2011	EP11172430.8	EP2426229		EP2426229		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	NL01	ToFiling		9 Feb 2011	EP11172430.8	EP2426229		EP2426229		Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	US01	Granted	9 Feb 2011	9 Feb 2011	US13/023805	US20120202481	9 Aug 2012	US8483621	30 Apr 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	US02	Granted	11 Jan 2013	9 Feb 2011	US13/348336	US20130208595	15 Aug 2013	US8478275	2 Jul 2013	Limiting the reporting of inter-RAT Cells for UMTS ANR
RM115025	WO01	Filed	9 Feb 2012	9 Feb 2011	PCT/IB2012/050595	WO2012107896	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	US13/025286	US20120207011	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
RM115024	WO01	Filed	13 Feb 2012	11 Feb 2011	PCT/IB2012/050640	WO2012107911	16 Aug 2012			Methods of RLC unrecoverable error indication and recovery
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/CN2011/072333	WO2012129806	04 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	GB1116916.6	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	US20120202480	9 Aug 2012			Using Priority Measurement Rules to influence Fach Measurement Occassions GAP purpose
RM115022	WO01	POA received	8 Feb 2012	9 Feb 2011	PCT/IB2012/050564	WO2012107885	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 2013	22 Feb 2011	US13/958713					LTE System Setup for Device-to-Device Connection on ISM band
RM115021	WO01	POA received	22 Feb 2011	22 Feb 2011	PCT/CN2011/071152	WO2012113186	30 Aug 2012			LTE System Setup for Device-to-Device Connection on ISM band

Schedule 8.3(4)
Transferred IP
Patent Assets

Case ref #	Country	Status	Filing date	Earliest priority date	Application number	Publication number	Publication date	Patent number	Grant date	Procedure
RM115020	Family	Filed	11 Feb 2011	11 Feb 2011						Precoder selection for 8 Tx precoder codebook
RM115020	US01	Filed	11 Feb 2011	11 Feb 2011	US13/025509	US20120207243	16 Aug 2012			Precoder selection for 8 Tx precoder codebook
RM115020	WO01	Filed	10 Feb 2012	11 Feb 2011	PCT/IB2012/050614	WO2012107904	16 Aug 2012			Precoder selection for 8 Tx precoder codebook
RM115019	Family	Filed	31 Mar 2011	31 Mar 2011						On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115019	GB01	Granted	31 Mar 2011	31 Mar 2011	GB1105492.1	GB2477649	10 Aug 2011	GB2477649	11 Jan 2012	On Multiplexing of Logical Channels in Mixed Licensed and Unlicensed Spectrum Carrier Aggregation in Future LTE-A Network
RM115019	US01	Filed	31 Mar 2011	31 Mar 2011	US13/079502	US20120256631	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 B1 pico-nets
RM115018	WO01	PCIA received	10 May 2011	10 May 2011	PCT/CN2011/07386 8	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 slophans
RM115016	GB01	Granted	8 Apr 2011	8 Apr 2011	GB1106036.5	GB2489427	16 May 2012	GB2489427	7 Nov 2012	Equalizer with limited subcarrier distortion and soft constraint for slophans
RM115016	US01	Filed	8 Apr 2011	8 Apr 2011	US13/082469	US20120257667	11 Oct 2012			Equalizer with limited subcarrier distortion and soft constraint for slophans
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	GB2478415	23 Jun 2011	GB2478415	16 Nov 2011	Offline Mode Procedure for Machine Type Communications
RM115013	US01	Filed	23 Mar 2011	23 Mar 2011	US13/069786	US20120243422	27 Sep 2012			Offline Mode Procedure for Machine Type Communications
RM115013	US02	Granted	12 Jul 2011	23 Mar 2011	US13/180737			US8126482	28 Feb 2012	Offline Mode Procedure for Machine Type Communications
RM115013	WO01	Filed	22 Mar 2012	23 Mar 2011	PCT/IB2012/051372	WO2012127446	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	GB2489413	3 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	US01	PCIA received	25 Mar 2011	25 Mar 2011	US13/071740	US20120243417	27 Sep 2012			Improved LTE DRX with UE based mobility
RM115012	US02	Filed	23 Mar 2012	25 Mar 2011	US13/428118	US20120250589	4 Oct 2012			Improved LTE DRX with UE based mobility
RM115012	WO01	Filed	26 Mar 2012	25 Mar 2011	PCT/IB2012/051433	WO2012131568	4 Oct 2012			Improved LTE DRX with UE based mobility
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	GB2489868	17 Oct 2012	GB2489868	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	US20120263133	18 Oct 2012	US8620389	2 Oct 2012	On Sensing Configuration of the Future LTE-A System Carrier Aggregation Deployment on Unlicensed Spectrum
RM115011	WO01	Filed	12 Apr 2012	12 Apr 2011	PCT/IB2012/051902	WO2012140598	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/CN2011/07487 3	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	PCIA received	2 Jun 2011	2 Jun 2011	PCT/CN2011/07517 6	WO2012162990	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	US20120243519	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/CN2011/07142 9	WO2012116493	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	US13/045741	US20120230335	13 Sep 2012			Signaling method for validating TV Band Device in LTE system operating on TVWS
RM115004	Family	Filed	16 Feb 2011	16 Feb 2011						PUCCH resource allocation for flexible TDD configuration

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
RM115004	US01	Filed	12 Aug 2013	10 Feb 2011	US13/964,172					PUCCH resource allocation for flexible TDD configuration
RM115004	WO01	PCT received	10 Feb 2011	10 Feb 2011	PCT/CN2011/071015	WO2012106840	16 Aug 2012			PUCCH resource allocation for flexible TDD configuration
RM115003	Family	Filed	17 Feb 2011	17 Feb 2011						New carrier type with configurable downlink control region in carrier aggregation
RM115008	US01	ToFiling		17 Feb 2011						New carrier type with configurable downlink control region in carrier aggregation
RM115003	WO01	PCT received	17 Feb 2011	17 Feb 2011	PCT/CN2011/071014	WO2012106780	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/CN2011/071112	WO2012113151	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	PCT received	9 Mar 2011	9 Mar 2011	PCT/CN2011/071153	WO2012119369	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/CN2011/071138	WO2012116483	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	US13/041949	US2012023348	18 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	US13/035186	US2012219095	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 filler bits
RM105013	US01	Filed	22 Feb 2011	22 Feb 2011	US13/031732	US2012213089	23 Aug 2012			Method for filtering PDCCH false accepts based on DCI filler 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	US13/932458	US2012218926	30 Aug 2012			Traffic characteristics aware physical layer link adaptation
RM105012	WO01	Filed	22 Feb 2012	24 Feb 2011	PCT/IB2012/050938	WO2012114257	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	US13/025506	US2012207033	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 TV WS
RM105010	US01	Filed	21 Mar 2011	21 Mar 2011	US13/052416	US2012245453	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TV WS
RM105010	WO01	PCT received	21 Mar 2012	21 Mar 2011	PCT/IB2012/051347	WO2012127427	27 Sep 2012			Methods to configure future LTE/LTE-A system onto TV WS
RM105002	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
RM105006	WO01	Filed	1 Feb 2011	1 Feb 2011	PCT/CN2011/070703	WO2012103685	9 Aug 2012			New way to acquire TA on Scell without RACH
RM105006	Family	Filed	8 Feb 2011	8 Feb 2011						Method of Layer 2 Ack Nack status reporting
RM105008	US01	Filed	8 Feb 2011	8 Feb 2011	US13/022939	US2012201151	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	PCT received	7 Jan 2011	7 Jan 2011	US12/986393	US2012017491	12 Jul 2012			Methods of ANR logging and reporting
RM105007	WO01	PCT received	6 Jan 2012	7 Jan 2011	PCT/IB2012/050061	WO2012093366	12 Jul 2012			Methods of ANR logging and reporting
RM105005	Family	Filed	7 Jan 2011	7 Jan 2011						Non-Inter Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network
RM105005	US01	Filed	7 Jan 2011	7 Jan 2011	US12/986405	US2012017436	12 Jul 2012			Non-Inter Scaling Wait Timer for Delay Tolerant Application Terminal Device in a Network

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	
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 2019	11 Feb 2011	US13/963,398					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/CN2011/071292	WO2012108843	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						Limiting system information decoding for ANR
RM105004	CN01	Filed	6 Jan 2012	7 Jan 2011	CN201280004818.X					Limiting system information decoding for ANR
RM105004	EP01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			US8520120030011.8	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP02	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7	EP2481745	29 Aug 2012	EP2481745	26 Dec 2012	Limiting system information decoding for ANR
RM105004	EP03	Filed	6 Jan 2012	7 Jan 2011	EP12190161.7	EP2590441	30 Feb 2013			Limiting system information decoding for ANR
RM105004	FR01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2481745	26 Dec 2012	Limiting system information decoding for ANR
RM105004	GB01	Granted	4 Oct 2011	7 Jan 2011	GB1117046.5	GB2484787	25 Apr 2012	GB2484787	31 Oct 2012	Limiting system information decoding for ANR
RM105004	GB02	Granted	3 Jul 2012	7 Jan 2011	GB1211752.9	GB2490059	17 Oct 2012	GB2490059	6 Mar 2013	Limiting system information decoding for ANR
RM105004	IN01	Filed	6 Jan 2012	7 Jan 2011	IN1170MUMNP/201 3					Limiting system information decoding for ANR
RM105004	IT01	Granted	6 Jan 2012	7 Jan 2011	EP12700798.7			EP2481745	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	US12/985,430	US20120176918	12 Jul 2012	US8400948	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/EP2012/050019	WO2012093175	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	US13/020,660	US20120202492	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	CN201280004871.2					Test method for type 3i receiver in multicarrier configuration
RM105002	EP01	PCA received	6 Jan 2012	10 Jan 2011	EP12701239.4	EP2514238	24 Oct 2012			Test method for type 3i receiver in multicarrier configuration
RM105002	GB01	Granted	4 Oct 2011	10 Jan 2011	GB1117048.7	GB2486929	4 Jul 2012	GB2486929	12 Dec 2012	Test method for type 3i receiver in multicarrier configuration
RM105002	IN01	Filed	6 Jan 2012	10 Jan 2011	IN1163/MUMNP/201 3					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 10-2013-7017860					Test method for type 3i receiver in multicarrier configuration
RM105002	US01	Granted	10 Jan 2011	10 Jan 2011	US13/987,727	US20120176919	12 Jul 2012	US8391281	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	WO2012096273	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	US20120213192	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	20 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	8 Jul 2013
RM135164	GB01	InDrafting	Detection of Frequency Correction Burst Transmissions in GSM Networks	9 Jul 2013	8 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	10 May 2012
RM126193	WO01	InDrafting	Transmitter Harmonic Cancellation for Carrier Aggregation/Multiband operation	13 Jun 2012	10 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.

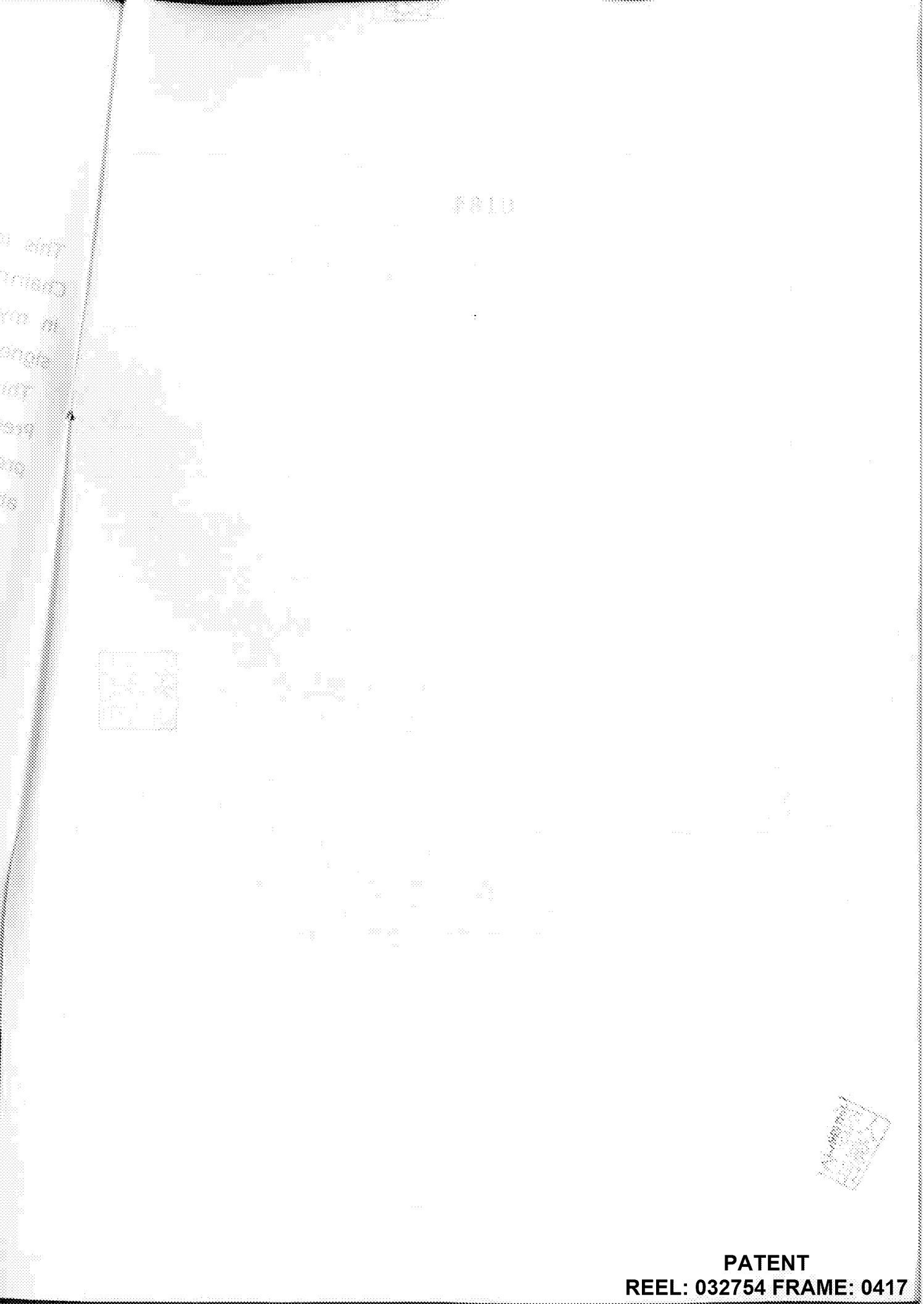
Dated this 30th day of September, 2013.

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 · 3-1, 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

公証人之印