

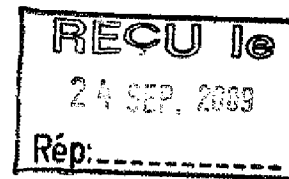
Exhibit 18



IPR information statement and licensing declaration

IPR HOLDER / ORGANISATION ("Declarant")

Legal name: SAMSUNG ELECTRONICS CO.,LTD.



CONTACT DETAILS FOR LICENSING INFORMATION:

Name and Title: Mr. SEUNG GUN Park - Vice President

Department: Telecommunication R&D Center

Address: Dong Suwon P.O.BOX 105, 416, Maetan-3Dong, Yeongtong-Gu, Suwon-City, Gyeonggi-Do, Korea 442-600

Telephone: 82-31-279-5067

Fax:

82-31-279-4560

Email: jh1.jung@samsung.com

URL:

IPR INFORMATION STATEMENT

In accordance with Cause 4.1 of the ETSI IPR Policy the Declarant and/or its AFFILIATES hereby informs ETSI that it is the Declarant's and/or its AFFILIATES' present belief that the IPR(s) disclosed in the attached IPR Information Statement Annex may be or may become ESSENTIAL in relation to at least the ETSI Work Item(s), STANDARD(S) and/or TECHNICAL SPECIFICATION(S) identified in the attached IPR Information Statement Annex.

The Declarant and/or its AFFILIATES (check one box only)

- are the proprietor of the IPR(s) disclosed in the attached IPR Information Statement Annex.
- are not the proprietor of the IPR(s) disclosed in the attached IPR Information Statement Annex.

IPR LICENSING DECLARATION

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To the extent that the IPR(s) disclosed in the attached IPR Information Statement Annex are or become, and remain ESSENTIAL in respect of the ETSI Work Item, STANDARD and/or TECHNICAL SPECIFICATION identified in the attached IPR Information Statement Annex, the Declarant and/or its AFFILIATES are prepared to grant irrevocable licences under this/these IPR(s) on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.

This Irrevocable undertaking is made subject to the condition that those who seek licences agree to reciprocate. (check box if applicable)

The Declarant and/or its AFFILIATES are not prepared to make the above IPR Licensing Declaration (reasons may be explained in writing in the attached IPR Licensing Declaration Annex).

The construction, validity and performance of this IPR information statement and licensing declaration shall be governed by the laws of France.

Terms in ALL CAPS on this form have the meaning provided in Clause 15 of the ETSI IPR Policy.

SIGNATURE

By signing this IPR Information Statement and Licensing Declaration form, you represent that you have the authority to bind the Declarant and/or its AFFILIATES to the representations and commitments provided in this form.

Name of authorized person:* JUN WON LEE

Title of authorized person:* Senior Manager

Place, Date: 21/09/2009 2009-09-21 09:24

Signature:

Please return this form duly signed to: ETSI Director-General
ETSI - 650, route des Lucioles - F-06921 Sophia Antipolis Cedex - France / Fax: +33 (0) 4 93 65 47 16

IPR information statement annex

STANDARD, TECHNICAL SPECIFICATION or ETSI Work Item				Proprietor	Application No. **	Publication No. **	Patent/Application Title*	Country of registration*	FURTHER INFORMATION: Other members of this PATENT FAMILY, if any *		
Project or Standard name*	Work Item or Standard No.	Illustrative Specific part of the standard (e.g. Section)	Version (V.X.X.X)						Application No.	Publication No.	Country of registration
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO.,LTD.	917,450		APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING UPLINK PILOT IN FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	UNITED STATES	KR2006/002394	-	Patent Cooperation Treaty - PCT
									P2005-0053746	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	P2006-0004154		METHOD AND APPARATUS FOR DATA CODED SYMBOL MAPPING BASED ON CHANNEL ESTIMATION IN A FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	KOREA (REPUBLIC OF)	KR2007/000202	-	Patent Cooperation Treaty - PCT
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	161,436		Method and apparatus for transmitting synchronization signals in an ofdm based cellular communications system	UNITED STATES	P2006-0005408	-	KOREA (REPUBLIC OF) - KR
									KR2007/000262	-	Patent Cooperation Treaty - PCT
LTE	3GPP TS 36.213	-	-								Patent Cooperation

				SAMSUNG ELECTRONICS CO., LTD	656,276		METHOD AND APPARATUS FOR X X X OPEN LOOP POWER CONTROL IN FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	UNITED STATES	KR2007/000326 - 200780002767.6 - 7100909.6 - P2006-0006507 -	Treaty - PCT CHINA - CN European Patent Office - EPO KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.213	-	-	SAMSUNG ELECTRONICS CO., LTD	725,974		METHOD AND APPARATUS FOR ALLOCATING FREQUENCY RESOURCES IN A FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	UNITED STATES	P2006-0025479 -	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.213	-	-	SAMSUNG ELECTRONICS CO., LTD	789,029		METHOD FOR SIGNALING RESOURCE ASSIGNMENT INFORMATION IN A FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	UNITED STATES	7008253.2 - P2006-0036438 -	European Patent Office - EPO KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.213	-	-	SAMSUNG ELECTRONICS CO., LTD	766,498		METHOD FOR MAINTAINING UPLINK TIMING SYNCHRONIZATION IN A MOBILE COMMUNICATION SYSTEM AND USER EQUIPMENT APPARATUS FOR THE SAME	UNITED STATES	7012267.6 - KR2007/003013 - P2006-0056417 -	European Patent Office - EPO Patent Cooperation Treaty - PCT KOREA (REPUBLIC OF) - KR

LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	796,142		METHOD AND APPARATUS FOR ENHANCING THE DETECTION OF COMMON CONTROL CHANNEL IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING ACCESS- BASED CELLULAR COMMUNICATI ON SYSTEM	UNITED STATES	7008570.9	-	European Patent Office - EPO
									P2006- 0037826	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.212	-	-	SAMSUNG ELECTRONICS CO., LTD	862,018		Method and apparatus for transmitting/recei ving scheduling channels in a wireless communication system	UNITED STATES	KR2007/004639	-	Patent Cooperation Treaty - PCT
									7808451.4	-	European Patent Office - EPO
									P2006- 0093431	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.213	-	-	SAMSUNG ELECTRONICS CO., LTD	877,261		METHOD FOR SETTING TRANSMISSION POWER OF DATA CHANNEL IN A FREQUENCY DIVISION MULTIPLE ACCESS AND MOBILE STATION APPARATUS FOR THE SAME	UNITED STATES	KR2007/005210	-	Patent Cooperation Treaty - PCT
									P2006- 0102892	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	866,185			UNITED STATES	7019336.2	-	European Patent Office - EPO
									200710199915.X	-	CHINA - CN
											KOREA

						METHOD AND APPARATUS FOR TRANSMITTING/ RECEIVING PAGING INFORMATION IN A WIRELESS COMMUNICATION SYSTEM		2006-0097358 2066/DEL/2007	- -	(REPUBLIC OF) - KR INDIA - IN
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	866,153	METHOD AND APPARATUS FOR TRANSMITTING/ RECEIVING DOWNLINK SYNCHRONIZATION CHANNELS IN A CELLULAR COMMUNICATION SYSTEM SUPPORTING SCALABLE BANDWIDTH	UNITED STATES	2006-0097352	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	972,164	METHOD AND APPARATUS FOR TRANSMITTING/ RECEIVING ACK/NACK IN MOBILE COMMUNICATION SYSTEM	UNITED STATES	P2007-0003040	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	022,589		UNITED STATES	8001719.7 P2007-0009603	- -	European Patent Office - EPO KOREA (REPUBLIC OF) - KR

						METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DOWNLINK SYNCHRONIZATION CHANNEL IN A CELLULAR COMMUNICATION SYSTEM				
LTE	3GPP TS 36.323	-	-	SAMSUNG ELECTRONICS CO., LTD	875,315	Method and apparatus for performing handover using packet data convergence protocol (pdcp) reordering in mobile communication system	UNITED STATES	2005-0037779	-	KOREA (REPUBLIC OF) - KR
								07020522.4	-	EUROPEAN UNION - EU
								2007311697	-	AUSTRALIA - AU
								2666265	-	CANADA - CA
								200780038957.3	-	CHINA - CN
								2009-533253	-	JAPAN - JP
								2009114733	-	RUSSIAN FEDERATION - RU
								754/MUMNP/2009	-	INDIA - IN
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	031,153	APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING FORWARD SHARED CONTROL CHANNEL IN A MOBILE COMMUNICATION SYSTEM	UNITED STATES	KR2008/000874	-	Patent Cooperation Treaty - PCT
								8002756.8	-	European Patent Office - EPO
								2008215225	-	AUSTRALIA - AU
								P2007-0015361	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.300	-	-							

				SAMSUNG ELECTRONICS CO., LTD	200410070847.3		A method to introduce new identifier for MBMS service	CHINA		
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	12/155,311		PILOT BOOSTING AND TRAFFIC TO PILOT RATIO ESTIMATION IN A WIRELESS COMMUNICATION SYSTEM	UNITED STATES		
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	030,525		Method and apparatus for transmitting and receiving control information in a single carrier fdma system	UNITED STATES	8002759.2	European Patent Office - EPO
									2007-0015634	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.321	-	-	SAMSUNG ELECTRONICS CO., LTD	114,247		METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING PACKET DATA BETWEEN A NODE B AND A UE USING HARQ IN A MOBILE COMMUNICATION SYSTEM	UNITED STATES	KR2008/002503	Patent Cooperation Treaty - PCT
									P2007-0042607	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.213	-	-	SAMSUNG ELECTRONICS CO., LTD	049,573			UNITED STATES	8004982.8	European Patent Office - EPO
									P2007-0026109	KOREA (REPUBLIC OF) - KR

						METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING A CONTROL CHANNEL IN A MOBILE COMMUNICATION SYSTEM				
LTE	3GPP TS 36.212	-	-	SAMSUNG ELECTRONICS CO., LTD	12/213,579	METHODS AND APPARATUS TO GENERATE MULTIPLE CRCs	UNITED STATES	08164407.2	-	European Patent Office - EPO
								KR2008/005412	-	Patent Cooperation Treaty - PCT
LTE	3GPP TS 36.212	-	-	SAMSUNG ELECTRONICS CO., LTD	12/076,777	METHODS AND APPARATUS TO COMPUTE CRC FOR MULTIPLE CODE BLOCKS	UNITED STATES	2008-0067574	-	KOREA (REPUBLIC OF) - KR
								KR2008/004102	-	Patent Cooperation Treaty - PCT
								08012626.1	-	European Patent Office - EPO
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	650,896	METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING UPLINK SIGNALING INFORMATION IN A SINGLE CARRIER FDMA SYSTEM	UNITED STATES	2006-0057693	-	KOREA (REPUBLIC OF) - KR
								07100112.7	-	European Patent Office - EPO
								200780008033.9	-	CHINA - CN
								1459/MUMNP/2008	-	INDIA - IN
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	416,393		UNITED STATES	2005-0037294	-	KOREA (REPUBLIC OF) - KR
								200610084158.7	-	CHINA - CN
								409/KOL/06	-	INDIA - IN
								06009140.2	-	European Patent Office -

								524891		JP	
								2008103825	-	RUSSIAN FEDERATION - RU	
LTE	3GPP TS 36.212	-	-	SAMSUNG ELECTRONICS CO., LTD	338,715	6,910,110	INTERLEAVING APPARATUS AND METHOD FOR AN COMMUNICATI ON SYSTEM	UNITED STATES	2002- 0001252	-	KOREA (REPUBLIC OF) - KR
								03000524.3	-	European Patent Office - EPO	
								0306689-4	-	BRAZIL - BR	
								2472952	-	CANADA - CA	
								00943/KOLNP/04	-	INDIA - IN	
								2003- 559023	-	JAPAN - JP	
								2004121027	-	RUSSIAN FEDERATION - RU	
								03802077.7	-	CHINA - CN	
								2003202155	-	AUSTRALIA - AU	
LTE	3GPP TS 36.300	-	-	SAMSUNG ELECTRONICS CO., LTD	729,032		Method and apparatus for discontinuous reception of connected terminal in a mobile communication system	UNITED STATES	2006- 0085757	-	KOREA (REPUBLIC OF) - KR
								07006399.5	-	European Patent Office - EPO	
								200780010787.8	-	CHINA - CN	
								2013/MUMNP/2008	-	INDIA - IN	
								2008142553	-	RUSSIAN FEDERATION - RU	
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	417,217			UNITED STATES	2005- 0037777	-	KOREA (REPUBLIC OF) - KR
								2008241618	-	AUSTRALIA - AU	
								0610902-0	-	BRAZIL - BR	
								2605405	-	CANADA - CA	
								200680015326.5	-	CHINA - CN	
								8470/DELNP/2007	-	INDIA - IN	
								2008- 507564	-	JAPAN - JP	
										RUSSIAN	

						METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING AND RECEIVING INFORMATION OF AN UNCODED CHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM		2007140873	-	FEDERATION - RU
								06732903.7	-	European Patent Office - EPO
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	417,221	Method for configuring and managing channel in a wireless communication system using amc channel and diversity channel, transmission/reception apparatus therefor, and system thereof	UNITED STATES	2005-0037779	-	KOREA (REPUBLIC OF) - KR
								2006241620	-	AUSTRALIA - AU
								0610896-2	-	BRAZIL - BR
								2605845	-	CANADA - CA
								200680020923.7	-	CHINA - CN
								8472/DELNP/2007	-	INDIA - IN
								2008-509941	-	JAPAN - JP
								2007140907	-	RUSSIAN FEDERATION - RU
								06732905.2	-	European Patent Office - EPO
LTE	3GPP TS 36.212	-	-	SAMSUNG ELECTRONICS CO., LTD	12/203,432	Sequence Hopping in SC-FDMA Communication Systems	UNITED STATES	KR2008/005188	-	Patent Cooperation Treaty - PCT
LTE	3GPP TS 23.221	-	-	SAMSUNG ELECTRONICS CO., LTD	GB0900109.0	Selection method of voice delivery mechanisms	UNITED KINGDOM			

LTE	3GPP TS 36.331	-	-	SAMSUNG ELECTRONICS CO., LTD	GB0910799.6		OPTIMISED SIGNALLING OF MBSFN SUBX_FRAME ALLOCATION PATTERNS (MSAP)	UNITED KINGDOM			
LTE	3GPP TS 23.929	-	-	SAMSUNG ELECTRONICS CO., LTD	GB0712386.2		Enabling UE access domain selection for terminated speech/video calls	UNITED KINGDOM	KR2008/003706	-	Patent Cooperation Treaty - PCT
									GB0716311.6	-	UNITED KINGDOM - GB
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	646,852		Hybrid ARQ Feedback in a Wireless Communication System	UNITED STATES			
LTE	3GPP TS 36.321	-	-	SAMSUNG ELECTRONICS CO., LTD	245,871		Method and apparatus for adjusting uplink data rate in a mobile communication system	UNITED STATES	KR2008/005831	-	Patent Cooperation Treaty - PCT
									P2007- 0100613	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 36.211	-	-	SAMSUNG ELECTRONICS CO., LTD	P2008-0132507		METHOD AND APPARATUS FOR ALLOCATION OF FREQUENCY IN WIRELESS COMMUNICATI ON SYSTEMS WITH FREQUENCY HOPPING MODE	KOREA (REPUBLIC OF)			
LTE	3GPP TS 36.321	-	-	SAMSUNG ELECTRONICS CO., LTD	534,999			UNITED STATES	KR2009/004100	-	Patent Cooperation Treaty - PCT
									9167052.1	-	European Patent Office - EPO

						Signal transmission method and apparatus for user equipment in mobile communication system		P2008-0076142	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 26.114	-	-	SAMSUNG ELECTRONICS CO., LTD	197,360	METHOD AND APPARATUS FOR DETERMINING PREFERRED IMAGE FORMAT BETWEEN MOBILE VIDEO TELEPHONES	UNITED STATES	KR2008/004952	-	Patent Cooperation Treaty - PCT
								P2007-0085172	-	KOREA (REPUBLIC OF) - KR
LTE	3GPP TS 23.401	-	-	SAMSUNG ELECTRONICS CO., LTD	P2008-0094099	Method and apparatus for control terminal in Home ENB	KOREA (REPUBLIC OF)			
	3GPP TS 36.413	-	-							
	3GPP TS 29.272	-	-							
LTE	3GPP TS 36.321	-	-	SAMSUNG ELECTRONICS CO., LTD	P2008-0138171	METHOD AND APPARATUS FOR controlling transmission using HARQ in mobile communication system	KOREA (REPUBLIC OF)			
LTE	3GPP TS 36.321	-	-	SAMSUNG ELECTRONICS CO., LTD	P2008-0003669	Method and apparatus for reporting ue power headroom information in mobile communication system	KOREA (REPUBLIC OF)	PCT/KR09/000091	-	Patent Cooperation Treaty - PCT
LTE	3GPP TS 24.301	-	-							
	3GPP TS 23.401	-	-					KR2009/004570	-	Patent Cooperation Treaty - PCT

				SAMSUNG ELECTRONICS CO., LTD	P2008-0080205		Security protected non access stratum protocol operation supporting method in mobile telecommunication system	KOREA (REPUBLIC OF)		
LTE	3GPP TS 24.301	-	-	SAMSUNG ELECTRONICS CO., LTD	P2008-0080204		A SYSTEM AND METHOD OF MANAGING PROTOCOL OF NAS(Non-Access-Stratum) IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	KR2009/004571	Patent Cooperation Treaty - PCT
	3GPP TS 23.401	-	-							
LTE	3GPP TS 33.402	-	-	SAMSUNG ELECTRONICS CO., LTD	2240/CHE/2008		Creation of unique MIPv4 security association per PDN connectivity	INDIA		
LTE	3GPP TS 26.237	-	-	SAMSUNG ELECTRONICS CO., LTD	415,323		A SYSTEM AND METHOD OF OPTIMIZING THE REGISTRATION / ESTABLISHMENT OF SECURITY ASSOCIATION PROCEDURE IN IMS NETWORKS CAPABLE OF OMA BCST SERVICES FOR SMARTCARD PROFILE	UNITED STATES	792/CHE/2008	INDIA - IN
									KR2009/001629	Patent Cooperation Treaty - PCT
LTE	3GPP TS 36.413	-	-						KR2009/003202	Patent Cooperation

				SAMSUNG ELECTRONICS CO., LTD	1460/CHE/2008		System and method to inform the MME of target cell capability during PS-CS Handover	INDIA		Treaty - PCT
LTE	3GPP TS 36.323	-	-	SAMSUNG ELECTRONICS CO., LTD	212/CHE/2009		Method for enhanced and accurate reporting of data availability for transmission in a wireless communication system	INDIA		

* Information on other members of a PATENT FAMILY is provided voluntarily (Clause 4.3 of the ETSI IPR Policy)

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