

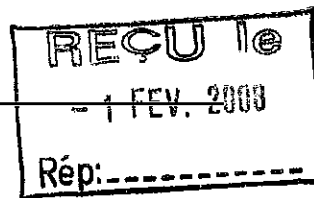
# **EXHIBIT 5-2**



**IPR information statement and licensing declaration**

**IPR Holder/Organisation**

Legal Name: SAMSUNG ELECTRONICS CO., LTD. \_\_\_\_\_



**Signatory**

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Position: Vice President \_\_\_\_\_

Department: Telecommunication R&D Center \_\_\_\_\_

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E-mail: sukjin.jang@samsung.com \_\_\_\_\_

**IPR information statement**

In accordance with the ETSI IPR Policy, Clause 4.1, I hereby inform ETSI that,  
with reference to the technical proposal identified as 3GPP \_\_\_\_\_

and/or  
in relation to Work Item No. \_\_\_\_\_

and/or  
with reference to ETSI Standard No. TS 23.060, TS 23.279, TS25.211, TS 25. 212,

TS 25.213, TS 25.222, TS 25.224, TS 25.309, TS 25.321, TS 25.331, TS 25.346, TS 25.401,  
TS 25.413, TS 36.211, TS 36.212, TS 36.213, TS 36.300, TS 36.321, TS 36.323

it is my belief that the IPRs listed in the attached IPR information statement annex are, or are likely to become, Essential IPRs in relation to that Standard.

**IPR licensing declaration**

The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in the attached *IPR information statement annex* and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above.

The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

This undertaking is made subject to the condition that those who seek licences agree to reciprocate the same in respect of the STANDARD in accordance with Clause 6.1 of the ETSI IPR Policy (delete this paragraph if this condition is not required).

The construction, validity and performance of this DECLARATION shall be governed by the laws of France.

**Place, Date:**

2008-01-30  
(Place, Date)

**Signature:**

(Signed for and on behalf of the SIGNATORY)

IPR information statement annex

ETSI Standard, Technical Specification or Work Item				Patent Proprietor	Application No.	Patent No.	Patent Subject/Title	Country of registration	OPTIONAL INFORMATION: Other Patents/Applications No. in same family*	
Project or Standard name	Work Item or Standard No.	Section	Version (V.X.X.X)						Patent/Application No.	Country Applicable
UMTS	3GPP TS 36.211	6.2.2	V2.0.0	Samsung Electronics Corporation	2005-0037779		METHOD FOR CONFIGURING AND MANAGING CHANNEL IN A WIRELESS COMMUNICATION SYSTEM USING AMC CHANNEL AND DIVERSITY CHANNEL, TRANSMISSION/RECEPTION APPARATUS THEREFOR, AND SYSTEM THEREOF	KOREA (REPUBLIC OF)	417221	UNITED STATES
									2006/001698	PCT
UMTS	3GPP TS 36.211	5.3.5	V2.0.0	Samsung Electronics Corporation	2005-0037777		METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING AND RECEIVING INFORMATION OF AN UNCODED CHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	KOREA (REPUBLIC OF)	417217	UNITED STATES
									2006/001696	PCT
UMTS	3GPP TS 36.300	12	V8.2.0	Samsung Electronics Corporation	2006-0085757		METHOD AND APPARATUS FOR DISCONTINUOUS RECEPTION OF CONNECTED TERMINAL IN A MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	07006399.5	European Patent Office
									729032	UNITED STATES
									KR2007/001520	PCT
UMTS	3GPP TS 36.212	5.1.4	V1.3.0	Samsung Electronics	2002-0001252		INTERLEAVING APPARATUS AND METHOD	KOREA (REPUBLIC OF)	2003202155	AUSTRALIA
									0306689-4	BRAZIL



				Corporation			FOR AN COMMUNICATION SYSTEM	OF)	2472952	CANADA
									3802077.7	CHINA
									3000524.3	European Patent Office
									00943/KOLNP/04	INDIA
									559023/2003	JAPAN
									2004121027	RUSSIAN FEDERATION
									338715	UNITED STATES
									03/00033	PCT
UMTS	3GPP TS 36.213	7.2	V8.0.0	Samsung Electronics Corporation	11/475,709		APPARATUS AND METHOD FOR ADAPTIVE CHANNEL QUALITY FEEDBACK IN A MULTICARRIER WIRELESS NETWORK	UNITED STATES	2006-0072790	KOREA (REPUBLIC OF)
									06015981.1	European Patent Office
									2006/003034	PCT
UMTS	3GPP TS 25.212	4.4.4	V6.1.0	Samsung Electronics Corporation	1999-0005263	0433910	power control apparatus and method for inter-frequency handoff in cdma communication system	KOREA (REPUBLIC OF)	25788/00	AUSTRALIA
									2328352	CANADA
									800572.9	CHINA
									904116.1	GERMANY
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									904116.1	SWEDEN
									503764	UNITED STATES
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UMTS	3GPP TS 25.423	8.2.1.2	V6.15.0	Samsung Electronics Corporation	2005-104634		Uplink signaling transfer procedure	KOREA (REPUBLIC OF)	06/417213	UNITED STATES
									06009254.1	European Patent Office
									07013313.7	European Patent Office
UMTS	3GPP TS 25.423	8.2.12	V6.13.0	Samsung Electronics Corporation	0612631.2		MBMS enhancements to improve Mobile TV support	UNITED KINGDOM	07012451.6	European Patent Office
									0712436.5	UNITED KINGDOM
									768,579	UNITED STATES
									KR2007/003093	PCT
UMTS	3GPP TS 36.211	5.3.4.1	V1.0.1	Samsung Electronics Corporation	2005-0103554		APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING DATA IN A MULTI- ANTENNA COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	WO2006-004491	PCT
									06022705.5	European Patent Office
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UMTS	3GPP TS 36.212	5.1.4.1.3	V1.3.0	Samsung Electronics Corporation	2002-0007493	0438448	Apparatus and method for generating code in communication system	KOREA (REPUBLIC OF)	2002233774	AUSTRALIA
									2003252889	AUSTRALIA
									0204043-3	BRAZIL
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UMTS	3GPP TS 36.211	5.4.3	V1.0.3	Samsung Electronics Corporation	US 11/646852		Hybrid ARQ Feedback in a Wireless Communication System	UNITED STATES		
UMTS	3GPP TS 36.211	6.3.4.3.	V1.0.3	Samsung Electronics Corporation	US 11/896,114		Multiple Antennas Transmit Diversity Scheme	UNITED STATES		
UMTS	3GPP TS 25.212	4.3.3	V7.1.0	Samsung Electronics Corporation	2000-0039433	0342556	apparatus and method for encoding/decoding transport format combination indicator in cdma mobile communication system	KOREA (REPUBLIC OF)	00944446.4	AUSTRIA
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									147346	ISREAL
									2002/0008/Del	INDIA
									639/DELNP/2005	INDIA
									508108/2001	JAPAN
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									163766/2004	JAPAN
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									611,069	UNITED STATES
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									2002/0091	The republic of South Africa
UMTS	3GPP TS 25.212	4.2.2	V7.1.0	Samsung Electronics Corporation	1999-0011307	0299132	TURBO ENCODING/DECODING DEVICE AND METHOD FOR PROCESSING FRAME DATA ACCORDING TO QOS	KOREA (REPUBLIC OF)	30568/99	AUSTRALIA
									99912135.3	BRAZIL
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UMTS	3GPP TS 25.212	4.4.4	V8.0.0	Samsung Electronics Corporation	1998-0051889	0377394	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	15095/99	AUSTRALIA
									9815424-9	BRAZIL
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UMTS	3GPP TS 25.346	8.3.2 8.3.3	V6.1.0	Samsung Electronics Corporation	2003-0068953	0689390	method for transmitting/receiving service availability information of multimedia broadcasting/multicast service	KOREA (REPUBLIC OF)	2004216584	AUSTRALIA
									2007216598	AUSTRALIA
									2.0041E+11	CHINA
									4023415.5	European Patent Office

									592/KOL/2004	INDIA
									290420/2004	JAPAN
									957779	UNITED STATES
UMTS	3GPP TS 25.331	8.5.27	V8.0.0	Samsung Electronics Corporation	2004-0062545	0689471	METHOD AND APPARATUS FOR DISTINGUISHING BETWEEN SERVICES OF ALL FREQUENCY BANDS AND SPECIFIC FREQUENCY BAND	KOREA (REPUBLIC OF)	5017336.8	European Patent Office
									199286	UNITED STATES
									23145/02	AUSTRALIA
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									989233	UNITED STATES
UMTS	3GPP TS 25.331	10.3.6.79	V8.0.0	Samsung Electronics Corporation	2001-0071650	0433903	Apparatus and method for measuring propagation delay in an nb-tdd cdma mobile communication system	KOREA (REPUBLIC OF)		

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UMTS	3GPP TS 36.211	5	V2.0.0	Samsung Electronics Corporation	2005-0037294	724949	METHOD AND APPARATUS FOR MULTIPLEXING DATA AND CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEMS BASED ON FREQUENCY DIVISION MULTIPLE ACCESS	KOREA (REPUBLIC OF)	2006201869	AUSTRALIA
									200610084158.7	CHINA
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416,393	UNITED STATES									
UMTS	3GPP TS 36.211	5	V2.0.0	Samsung Electronics Corporation	2006-0057693		METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING UPLINK SIGNALING INFORMATION IN A SINGLE CARRIER FDMA SYSTEM	KOREA (REPUBLIC OF)	7100112.7	European Patent Office
									650896	UNITED STATES
									KR2007/000029	PCT
UMTS	3GPP TS 36.212	5.3.4.1	V2.0.0	Samsung Electronics Corporation	US 60/929,791		Transmit Methods for CCFI/PCFICH in a Wireless Communication System	UNITED STATES		
UMTS	3GPP TS 36.212	5.1.1	V2.0.0	Samsung Electronics Corporation	US 60/929,790		Methods and Apparatus to Compute CRC for Multiple Code Blocks	UNITED STATES		
UMTS	3GPP TS 36.212	5.1.1	V2.0.0	Samsung Electronics Corporation	US 60/960,161		Methods and Apparatus to Generate Multiple CRC's	UNITED STATES		
UMTS	3GPP TS 25.212	4.2.3	V7.1.0	Samsung Electronics Corporation	1997-0060101	0454952	ADAPTIVE CHANNEL ENCODING METHOD AND DEVICE	KOREA (REPUBLIC OF)	PI9811299-6	BRAZIL
									2295791	CANADA
									98807352.8	CHINA
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									126,250	UNITED STATES
									WO1998-00232	European Patent Office
UMTS	3GPP TS 25.212	4.2.3	V3.2.0	Samsung Electronics Corporation	1999-0020837	0334819	DEVICE AND METHOD FOR CHANNEL CODING AND RATE MATCHING IN A COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	99925431.1	AUSTRALIA
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UMTS	3GPP TS 25.212	4.5.4.3 4.8.4.3	V6.2.0	Samsung Electronics Corporation	2001-0064967		Apparatus and method for performing coding and rate matching in a CDMA mobile communication system	KOREA (REPUBLIC OF)	2002301551	AUSTRALIA
									2151854.8	CHINA
									10248989	GERMANY
									20021877	FINLAND
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									203087.2	SWEDEN
									273,948	UNITED STATES
UMTS	3GPP TS 25.309 3GPP TS 25.331	10.3.5.1b	V7.4.0	Samsung Electronics Corporation	2005-0020752		METHOD AND APPARTUS FOR PERFORMING AUTONOMOUS TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM FOR SUPPORTING AN ENGANCED UPLINK DEDICATED CHANNEL	KOREA (REPUBLIC OF)	2005203110	AUSTRALIA
									200510092356.3	CHINA
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UMTS	3GPP TS 25.212	4.2.7.1 4.2.7.3	V3.2.0	Samsung Electronics Corporation	2000-0038716	0357868	Rate matching device and method for a data communication system	KOREA (REPUBLIC OF)		







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801453.1	CHINA
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171839/2004	JAPAN
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									2001/1935	The republic of South Africa
UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2004-0039341	0487202	Apparatus and method for transporting/receiving data in a CDMA mobile communication system	KOREA (REPUBLIC OF)	31396/02	AUSTRALIA
									2003259591	AUSTRALIA
									2,380,142	CANADA
									2120089	CHINA
									20221559.8	GERMANY
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									101846/2002	JAPAN
									267431/2005	JAPAN
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UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0067694	0474682	Transmitting/receiving apparatus and method for packet retransmission in a mobile communication system	KOREA (REPUBLIC OF)	2002301670	AUSTRALIA
									2410107	CANADA
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									200510055804.2	CHINA
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UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0064114	0526525	TRANSMISSION/RECEIVING APPARATUS AND METHOD FOR PACKET RETRANSMISSION IN A MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	2002301480	AUSTRALIA
									2408452	CANADA
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									273,096	UNITED STATES
UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0064742		Transceiver apparatus and method for efficient high-speed data retransmission and decoding in a CDMA mobile communication system	KOREA (REPUBLIC OF)	2002301552	AUSTRALIA
									2408875	CANADA
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									213110	FRANCE
									224288.1	UNITED KINGDOM
									MI2002A002233	ITALY
									305151/2002	JAPAN
									0203086-4	SWEDEN
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UMTS	3GPP TS 25.213	5.2.2	V3.2.0	Samsung Electronics Corporation	1999-0034014	0429545	Method for communication scrambling code id in mobile communication system	KOREA (REPUBLIC OF)	64813/00	AUSTRALIA
									0007011-4	BRAZIL
									2346845	CANADA
									801691.7	CHINA
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641,147	UNITED STATES									

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UMTS	3GPP TS 25.213	5.2.3.2	V3.2.0	Samsung Electronics Corporation	2000-0023179	0369791	apparatus and method for synchronizing channels in a w-cdma communication system	KOREA (REPUBLIC OF)	44360/00	AUSTRALIA
									2,334,898	CANADA
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									440,402	UNITED STATES
									00/00408	PCT
UMTS	3GPP TS 25.213	5.2.3.2	V3.2.0	Samsung Electronics Corporation	1999-0015224	0421142	cell search apparatus and method in asynchronous communication system	KOREA (REPUBLIC OF)	44358/00	AUSTRALIA
									2335028	CANADA
									800688.1	CHINA
									925710.6	GERMANY
									925710.6	European Patent Office
									925710.6	FRANCE
									925710.6	UNITED KINGDOM
									616140/2000	JAPAN
									560,732	UNITED STATES
00/00405	PCT									
UMTS	3GPP TS 25.331	8.6.6.24	V3.2.0	Samsung Electronics Corporation	1998-0017277	0308900	Handoff method in a mobile communication system supporting transmission	KOREA (REPUBLIC OF)	37357/99	AUSTRALIA
									PI9606437-5	BRAZIL
									2295555	CANADA

							diversity		99800739	CHINA
									99 919 699.1	European Patent Office
									448/cal/99	INDIA
									2000-548963	JAPAN
									2000100971	RUSSIAN FEDERATION
									311,546	UNITED STATES
									99/00240	PCT
UMTS	3GPP TS 25.212	4.2.3	V3.2.0	Samsung Electronics Corporation	1998-0059068	0350459	interleaving/deinterleaving device and method for communication system	KOREA (REPUBLIC OF)	18946/00	AUSTRALIA
									2,353,878	CANADA
									99815036.3	CHINA
									200310120486.4	CHINA
									99962527	European Patent Office
									2000-591739	JAPAN
									472,453	UNITED STATES
									99/00820	PCT
UMTS	3GPP TS 36.211			Samsung Electronics Corporation	US 60/963,681		Pilot Boosting and Traffic to Pilot Ratio Estimation in a Wireless Communication System	UNITED STATES	US 60/963,681	UNITED STATES
UMTS	3GPP TS 25.211	5.3.1	V7.4.0	Samsung Electronics Corporation	1998-0005526	7072324	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	25510/99	AUSTRALIA
									PI9904788-8	BRAZIL
									2282431	CANADA
									99800097.3	CHINA
									03132668.4	CHINA
									99505352.3	GERMANY
									29924415.6	GERMANY
									99905352.3	European Patent Office
									542395/1999	JAPAN

									99120704	RUSSIAN FEDERATION
									253,976	UNITED STATES
									99/00083	PCT
UMTS	3GPP TS 25.413	8	V7.8.0	Samsung Electronics Corporation	2005-7024473		Method for Initiating Uplink Signaling Proactively by MBMS UE	KOREA (REPUBLIC OF)	04748395.3	European Patent Office
									2006-518551	JAPAN
									561,232	UNITED STATES
									2004/001678	PCT
UMTS	3GPP TS 25.331	8.7.1 Reception of MBMS control information	V8.0.0	Samsung Electronics Corporation	2006-7013356		METHOD FOR TRANSMITTING MESSAGES RELATED TO A BROADCAST OR MULTICAST SERVICE IN A CELLULAR COMMUNICATIONS SYSTEM	KOREA (REPUBLIC OF)	2005204205	AUSTRALIA
									2544270	CANADA
									200580001283.0	CHINA
									112005000081.8	GERMANY
									2006-549112	JAPAN
									029,702	UNITED STATES
2005/000012	PCT									
UMTS	3GPP TS 25.331	10.2.16e	V6.7.0	Samsung Electronics Corporation	2006-7018540		A method of transmitting information related to a multicast service in a mobile telecommunications network	KOREA (REPUBLIC OF)	200580009260.4	CHINA
									05006653.9	European Patent Office
									06016722.8	European Patent Office
									06016721.0	European Patent Office
									2007-504885	JAPAN
									089,194	UNITED STATES
2005/000845	PCT									
UMTS	3GPP TS 25.213	5.2.2	V7.4.0	Samsung Electronics Corporation	2000-0038991	0374354	Apparatus and method for generating scrambling code in umts mobile communication system	KOREA (REPUBLIC OF)	942496.1	AUSTRIA
									3027777.6	AUSTRIA
									57108/00	AUSTRALIA
									942496.1	Belgium



										3027777.6	BRAZIL
										0006898-5	CANADA
										2342808	CANADA
										2526112	CANADA
										942496.1	Switzerland
										3027777.6	Switzerland
										801819.7	CHINA
										3158441.1	CHINA
										03158442.X	CHINA
										3158443.8	CHINA
										942496.1	GERMANY
										20023092.1	GERMANY
										3027777.6	GERMANY
										942496.1	Denmark
										942496.1	European Patent Office
										3008940.3	European Patent Office
										3027777.6	European Patent Office
										3027776.8	European Patent Office
										942496.1	Spain
										3027777.6	Spain
										942496.1	FINLAND
										3027777.6	FINLAND
										942496.1	FRANCE
										3027777.6	FRANCE
										942496.1	UNITED KINGDOM
										3027777.6	UNITED KINGDOM
										942496.1	Greece
										W-200100477	INDONESIA

									942496.1	IRELAND
									141787	ISREAL
									173518	ISREAL
									2001/00264	INDIA
									416/KOL/05	INDIA
									942496.1	ITALY
									3027777.6	ITALY
									509194/2001	JAPAN
									2004-058123	JAPAN
									942496.1	LUXEMBURG
									942496.1	Monaco
									942496.1	NETHELAND
									3027777.6	NETHELAND
										POLAND
									942496.1	PORTUGAL
									3027777.6	PORTUGAL
									2001106659	RUSSIAN FEDERATION
									942496.1	SWEDEN
									3027777.6	SWEDEN
									611518	UNITED STATES
									3558	UNITED STATES
									00/00735	PCT
									2001/1908	The republic of South Africa
UMTS	3GPP TS 25.401	5.3.4.1	V1.2.1	Samsung Electronics Corporation	CN 200510099961.3		LTE Fast call access	CHINA		
UMTS	3GPP TS	20.2.3	V8.1.0	Samsung	CN		A method to introduce new	CHINA		



	36.300			Electronics Corporation	200410070847.3		identifier for MBMS service			
UMTS	3GPP TS 23.060	9.2.2	V7.5.0	Samsung Electronics Corporation	CN 200610074592.7		A method for Setup and update one tunnel transmission	CHINA		
UMTS	3GPP TS 25.211	4.2.3	V3.5.0	Samsung Electronics Corporation	1998-0032471	0338663	Channel encoding device and method for communication system	KOREA (REPUBLIC OF)	33460/99	AUSTRALIA
									PI9906358-1	BRAZIL
									2,291,696	CANADA
									99800556.8	CHINA
									03127722.5	CHINA
									99914797.8	European Patent Office
									04003085.0	European Patent Office
									357/Cal/99	INDIA
									797/KOL/05	INDIA
									552819/1999	JAPAN
									99126707	RUSSIAN FEDERATION
294,658	UNITED STATES									
99/00187	PCT									
UMTS	3GPP TS 25.346	7.2.1	V2.0.0	Samsung Electronics Corporation	2002-0048610		METHOD OF TRANSMITTING/RECEIVING CONTROL MESSAGE IN A MOBILE COMMUNICATION SYSTEM PROVIDING MULTIMEDIA BROADCAST/MULTICAST SERVICE	KOREA (REPUBLIC OF)	2003235065	AUSTRALIA
									03127276.2	CHINA
									03018454.3	European Patent Office
									06016720.2	European Patent Office
									2003-293551	JAPAN
									2003125333	RUSSIAN FEDERATION
641,500	UNITED STATES									

UMTS	3GPP TS 25.321	9.2.5.3.2	V6.1.0	Samsung Electronics Corporation	2003-0059172		METHOD AND APPARATUS FOR SCHEDULING ASSIGNMENT OF UPLINK PACKET PRANSMISSION IN MOBILE TELECOMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	2004205233	AUSTRALIA
									2006209364	AUSTRALIA
									2007211868	AUSTRALIA
									200410095124.9	CHINA
									200710003923.2	CHINA
									04020292.1	European Patent Office
									07000909.7	European Patent Office
									513/kol/2004	INDIA
									245851/2004	JAPAN
UMTS	3GPP TS 25.331	8.6.9.6	V6.1.0	Samsung Electronics Corporation	2004-0077582		METHOD AND APPARATUS FOR INDICATING CELL SELECTION WHEN A SESSION IS STOPPED IN A MULTIMEDIA BROADCAST/MULTICAST SERVICE SYSTEM	KOREA (REPUBLIC OF)	925,619	UNITED STATES
									200580030873.6	CHINA
									05019896.9	European Patent Office
									06026495.9	European Patent Office
									2007-520242	JAPAN
									225,008	UNITED STATES
UMTS	3GPP TS 25.211	4.2.3	V3.5.0	Samsung Electronics Corporation	1998-0032471	0338663	Channel encoding device and method for communication system	KOREA (REPUBLIC OF)	2005/003025	PCT
									33460/99	AUSTRALIA
									PI9906358-1	BRAZIL
									2,291,696	CANADA
									99800556.8	CHINA
									03127722.5	CHINA
									99914797.8	European Patent Office
									04003085.0	European Patent Office
									357/Cal/99	INDIA
797/KOL/05	INDIA									
552819/1999	JAPAN									

UMTS	3GPP TS 36.323	5.5	V8.0.0	Samsung Electronics Corporation	2006-0101842		METHOD AND APPARATUS FOR PERFORMING HANDOVER USING PACKET DATA CONVERGENCE PROTOCOL(PDCP) REORDERING IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	99126707	RUSSIAN FEDERATION
									294,658	UNITED STATES
									99/00187	PCT
									KR2007/005152	PCT
UMTS	3GPP TS 36.212	5.2.2.6	V8.1.0	Samsung Electronics Corporation	US 60/969,659			UNITED STATES		
UMTS	3GPP TS 25.423	8.2.1	V6.11.0	Samsung Electronics Corporation	GB 0621586.7			UNITED KINGDOM		
UMTS	3GPP TS 25.212	4.2.3.2	V8.0.0	Samsung Electronics Corporation	2000-0027143	0330234	turbo interleaving apparatus and method	KOREA (REPUBLIC OF)	00927908.4	AUSTRIA
									46213/00	AUSTRALIA
									00927908.4	BELGIUM
									2337918	CANADA
									00927908.4	SWISS
									00801429.9	CHINA
									200310104317.1	CHINA
									200310104318.6	CHINA
									200310104319.0	CHINA
									200310104320.3	CHINA
									200310104321.8	CHINA
									00927908.4	CYPRYUS
									00927908.4	GERMANY
									20023169.3	GERMANY
20023803.5	GERMANY									
00927908.4	Denmark									



								00927908.4	European Patent Office
								03019291.8	European Patent Office
								03019290.0	European Patent Office
								03019289.2	European Patent Office
								03019293.4	European Patent Office
								03019292.6	European Patent Office
								00927908.4	FINLAND
								00927908.4	FRANCE
								00927908.4	UNITED KINGDOM
								00927908.4	GREECE
								00927908.4	IRELAND
								140661	ISREAL
								169471	ISREAL
								2001/00083	INDIA
								915/KOLNP/05	INDIA
								00927908.4	ITALY
								2000-619112	JAPAN
								00927908.4	LUXEMBURG
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								00927908.4	PORTUGAL
								2001101916	RUSSIAN FEDERATION
								00927908.4	SWEDEN
								575,084	UNITED STATES
								973,100	UNITED STATES

									00/00504	PCT
UMTS	3GPP TS 25.222	4.3.1.2	V7.5.0	Samsung Electronics Corporation	2001-0049821	0393618	Channel coding/decoding apparatus and method for a cdma mobile communication system	KOREA (REPUBLIC OF)	78819/01	AUSTRALIA
									2004203157	AUSTRALIA
									2387832	CANADA
									01802423.8	CHINA
									200410055878.1	CHINA
									20121799.6	GERMANY
									01957035.7	European Patent Office
									2002-520419	JAPAN
									2002110279	RUSSIAN FEDERATION
									933,091	UNITED STATES
									114,821	UNITED STATES
01/01401	PCT									
UMTS	3GPP TS 25.224	5.5.1.1	V7.5.0	Samsung Electronics Corporation	2001-0061544	0421139	tstd apparatus and method for a tdd cdma mobile communication system	KOREA (REPUBLIC OF)	94307/01	AUSTRALIA
									2004200047	AUSTRALIA
									2,393,003	CANADA
									2531827	CANADA
									01802991.4	CHINA
									200410046537.8	CHINA
									01974936.5	European Patent Office
									04004040.4	European Patent Office
									533489/2002	JAPAN
									335172/2004	JAPAN
									972,814	UNITED STATES
209,239	UNITED STATES									
01/01669	PCT									
UMTS	3GPP TS	8.6	V8.1.0	Samsung	2006-0038753		METHOD AND APPARATUS	KOREA	200610137570.0	CHINA

UMTS	3GPP TS 25.211	5.2.1	V3.6.0	Electronics Corporation	1998-0036680	0401211	FOR INTERWORKING VOICE AND MULTIMEDIA SERVICES BETWEEN CSI TERMINAL AND IMS TERMINAL	(REPUBLIC OF)	06016031.4	European Patent Office
				Samsung Electronics Corporation			device and method for communication reverse pilot in mobile communication system	KOREA (REPUBLIC OF)	07017902.3	European Patent Office
							210382/2006		JAPAN	
							496,712		UNITED STATES	
							55330/99		AUSTRALIA	
							2308425		CANADA	
							99801470.2		CHINA	
							99941847.8		GERMANY	
							99941847.8		European Patent Office	
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							99941847.8		FRANCE	
							99941847.8		UNITED KINGDOM	
							99941847.8		ITALY	
							99941847.8		SWEDEN	
							390,307		UNITED STATES	
99/00516	PCT									
UMTS	3GPP TS 25.211	5.3.3.4	v670	Samsung Electronics Corporation	1999-0011695	0330216	DEVICE AND METHOD FOR ASSIGNING SPREADING CODE FOR REVERSE COMMON CHANNEL IN CDMA COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	28593/99	AUSTRALIA
							9909104-6		BRAZIL	
							2324335		CANADA	
							99804130		CHINA	
							99909381.8		GERMANY	
							99909381.8		European Patent Office	
							99909381.8		FINLAND	
							99909381.8		FRANCE	
							99909381.8		UNITED KINGDOM	
							272/Cal/99		INDIA	
99909381.8	ITALY									



									538453/2000	JAPAN
									35703/2004	JAPAN
									2000124399	RUSSIAN FEDERATION
									99909381.8	SWEDEN
									277,664	UNITED STATES
									99/00141	PCT
UMTS	3GPP TS 25.212	4.2.6	V8.0.0	Samsung Electronics Corporation	2000-0035454	0383602	apparatus and method for channel coding and multiplexing in cdma communication system	KOREA (REPUBLIC OF)	940975.6	AUSTRIA
									3016895.9	AUSTRIA
									3016891.8	AUSTRIA
									3016892.6	AUSTRIA
									3016893.4	AUSTRIA
									3016894.2	AUSTRIA
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										3016894.2	NETHELAND
										P346341	POLAND
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										3016893.4	PORTUGAL
										3016894.2	PORTUGAL
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										3016894.2	SWEDEN
										603,062	UNITED STATES
										00/00668	PCT
										2001/1530	The republic of South Africa

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