PATENT ASSIGNMENT

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NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nokia Corporation	10/09/2009

RECEIVING PARTY DATA

Name:	Amosmet Investments LLC
Street Address:	160 Greentree Drive, Suite 101
City:	Dover
State/Country:	DELAWARE
Postal Code:	19904

PROPERTY NUMBERS Total: 1

	Property Type	Number
Patent N	Number:	5991639

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ATTORNEY DOCKET NUMBER:	KM2402.009A
NAME OF SUBMITTER:	Russell M. Jeide

Total Attachments: 8

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> PATENT REEL: 023741 FRAME: 0497

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Nokia Corporation, a corporation organized under the laws of Finland, with its principal place of business at Keilalahdentie 4, 02150 Espoo ("Assignor"), does hereby sell, assign, transfer, and convey unto Amosmet Investments LLC, a Delaware limited liability company, with an address at 160 Greentree Drive, Suite 101, Dover, DE 19904 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");

Patent or	Country	Filing Date	Title of Patent and Inventors
Application No.			
10/747,220	US	12/30/2003	Method and system for interference detection
			Kivekas, Kalle; Reunamaki, Jukka; Ruuska, Paivi M.
EP04030752.2	EP	12/24/2004	Method and system for interference detection
			Kivekas, Kalle; Reunamaki, Jukka; Ruuska, Paivi M.
10/940,060	US	9/13/2004	Method and apparatus to balance maximum information rate with quality of service in a MIMO system
			Ionescu, Dumitru M.; Raghothaman, Balaji
EP05786830.9	EP	9/8/2005	Method and apparatus to balance maximum information rate with
11 03 / 00030.9		3.0.200	quality of service in a MIMO system
			Ionescu, Dumitru M.; Raghothaman, Balaji
IN02047/2005	IN	9/8/2005	Method and apparatus to balance maximum information rate with quality of service in a MIMO system
			Ionescu, Dumitro M.; Raghothaman, Balaji
TH004276	TH	9/13/2005	Method and apparatus to balance maximum information rate with quality of service in a MIMO system
			Ionescu, Dumitru M.; Raghothaman, Balaji
TW094131410	TW	9/13/2005	Method and apparatus to balance maximum information rate with quality of service in a MIMO system
			Ionescu, Dumitru M.; Raghothaman, Balaji
11/542,104	US	10/4/2006	Pilot scrambling enabling direct pilot sequence detection in initial acquisition in evolved UTRA
			Parts, Ulo; Ostergnard Nielsen, Anders; Jansen, Kaj
11/590,688	US	10/30/2006	Variable length radio link ID for resource allocation in mobile communication systems
			Kahtava, Jussi T.; Kashima, Tsuyoshi
11/649,713	US	1/3/2007	Method, apparatus, software and system for handling intercell interference
	i		Frederiksen, Frank; Kolding, Troels Emil
5,991,639	US	11/23/1999	System for transferring a call and a mobile station
(08/940,398)		(9/10/1997)	Rautiola, Markku; Kalliokulju, Juha; Sormunen, Toni; Halminen,
			Harri
6,097,965	US	8/1/2000	Variable rate circuit-switched transmission services in cellular
(08/981,839)		(7/11/1996)	radio systems
	<u> </u>		Honkasalo, Zhichun; Malkamaki, Esa; Honkasalo, Harri

6,118,409 (09/022,758)	US	9/12/2000 (2/12/1998)	Method and device for inspecting at least one antenna branch, in particular in a vehicle
			Pietsch, Andreas; Dalisda, Uwe; Karhu, Jukka-Matti; Hess, Jurgen; Christiansen, Holger
6,205,128 (09/004,086)	US	3/20/2001 (1/7/1998)	Enhanced handoff signaling for high speed data and multimedia Le, Khiem
CNZL99800023.X (CN99800023.X)	CN	3/5/2008 (1/7/1999)	Enhanced handoff signaling for high speed data and multimedia
EP99902101.7	EP	1/7/1999	Le, Khiem Enhanced handoff signaling for high speed data and multimedia
DE69720421.9	DE	4/2/2003 (1/29/1997)	Le, Khiem Scrambling of digital media objects in connection with transmission and storage
(DE69720421.9)		(1/25/1557)	Salomaki, Ari
FR0878096 (FR97901648.2)	FR	4/2/2003 (1/29/1997)	Scrambling of digital media objects in connection with transmission and storage
			Salomaki, Ari
GB0878096 (GB97901648.2)	G₿	4/2/2003 (1/29/1997)	Scrambling of digital media objects in connection with transmission and storage
· · · · · · · · · · · · · · · · · · ·		10000	Salomaki, Ari Scrambling of digital media objects in connection with
NL0878096 (NL97901648.2)	NL 	4/2/2003 (1/29/1997)	transmission and storage
		1777	Salomaki, Ari Scrambling of digital media objects in connection with
SE0878096 (SE97901648.2)	SE	4/2/2003 (1/29/1997)	transmission and storage
		404000	Salomaki, Ari Scrambling of digital media objects in connection with
6,222,924 (09/117,221)	US	4/24/2001 (1/29/1997)	transmission and storage Salomaki, Ari
6,268,829 (09/341,799)	US	7/31/2001 (1/20/1998)	Doppler direction finder and method of location using doppler direction finder
			Weckstrom, Mikko Tapani
F1105511 (F1964362)	FI	8/31/2000 (10/29/1996)	Method of combining several signals, and base station Jantti, Arto
AU727274 (AU48689/97)	AU	3/22/2001 (10/28/1997)	Method of combining several signals, and base station Jantti, Arto
CNZL97199217.7 (CN97199217.7)	CN	2/11/2004 (10/28/1997)	Method of combining several signals, and base station Jantti, Arto
DE97911251.3 (DE97911251.3)	DE	4/23/2008 (10/28/1997)	Method of combining several signals, and base station Jantti. Arto
FR0937366 (FR97911251.3)	FR	4/23/2008 (10/28/1997)	Method of combining several signals, and base station Jantti, Arto
GB0937366 (GB97911251.3)	GB	4/23/2008 (10/28/1997)	Method of combining several signals, and base station Jantti. Arto
6,317,610 (09/269,218)	US	11/13/2001 (10/28/1997)	Method of combining several signals, and base station Jantti, Arto
6,356,739 (09/337,290)	US	3/12/2002 (6/21/1999)	Measurement method Ranta, Jukka
FI107773 (FI982690)	FI	9/28/2001 (12/11/1998)	Timing of handover Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari

CNZL99816152.7 (CN99816152.7)	CN	7/20/2005 (12/2/1999)	Timing of handover
IN212337	īN	(3-41333)	Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari Timing of handover
111111111111111111111111111111111111111			
KR10-0705430	KR	40.000	Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari
(KR10-2001-7007071)	N.N.	4/3/2007 (12/2/1999)	Timing of handover
·			Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari
DE69927521.0 (DE69927521.0)	DE	9/28/2005 (12/2/1999)	Timing of handover
FR1138170	FR	0.000,000	Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari
(FR99959442.7)	rĸ	9/28/2005 (12/2/1999)	Timing of handover
GB1138170	GB	9/28/2005	Lilja, Harri, Hamalainen, Seppo, Pehkonen, Kari
(GB99959442.7)	OB	(12/2/1999)	Timing of handover
6,456,847	US	9/24/2002	Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari Timing of handover
(09/457,918)		(12/9/1999)	
JP3857480	JP	9/22/2006	Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari
(JP11-353223)	VI	(12/13/1999)	Method for taking inter-frequency handing-over timing and WCDMA cellular radio system
			Lilja, Harri; Hamalainen, Seppo; Pehkonen, Kari
6,665,540	US	12/16/2003	Method and system for locating a mobile terminal in a cellular
(09/776,405)		(2/2/2001)	radio network
		<u> </u>	Rantalainen, Timo, Moilanen, Jani
JР4236409 (JР2002-012114)	ЛР	12/26/2008 (1/21/2002)	Method and apparatus for locating mobile terminal in cellular radio system
			Rantalainen, Timo; Moilanen, Jani
CNZL02103330.7	CN	12/21/2005	Method and appts. For positioning mobile terminal in cellular
(CN02103330.7)		(1/31/2002)	radio system
			Rantalainen, Timo; Moilanen, Jani
DE60217939.4 (DE60217939.4)	DE	1/31/2007 (2/1/2002)	Method and system for locating a mobile terminal in a cellular radio system
			Rantalainen, Timo; Moilanen, Jani
FI1229756	FI	1/31/2007	Method and system for locating a mobile terminal in a cellular
(FI02250711.5)		(2/1/2002)	radio system
			Rantalainen, Timo; Moilanen, Jani
FR1229756	FR	1/31/2007	Method and system for locating a mobile terminal in a cellular
(FR02250711.5)		(2/1/2002)	radio system
			Rantalainen, Timo; Moilanen, Jani
GB1229756 (GB02250711.5)	GB	1/31/2007 (2/1/2002)	Method and system for locating a mobile terminal in a cellular radio system
			Rantalainen, Timo; Moilanen, Jani
NL1229756	NL	1/31/2007	Method and system for locating a mobile terminal in a cellular
(NL02250711.5)		(2/1/2002)	radio system
6,775,258	US	01100004	Rantalainen, Timo; Mollanen, Jani
(09/527,786)	US .	8/10/2004 (3/17/2000)	Apparatus, and associated method, for routing packet data in an a hoc, wireless communication system
			Van Valkenburg, Sander; Palomar, Marc Solsona
CNZL99801495.8 (CN99801495.8)	CN	2/16/2005 (8/31/1999)	Method for controlling load in a telecommunication system
6.965.165	110	2/9/2005	Huttunen, Kari
6,865,165 (09/529,991)	US	3/8/2005 (8/31/1999)	Method for controlling load in a telecommunication system
EP99940225.8	ΕP		Huttunen, Kari Method for controlling load in a telecommunication system

			Huttunen, Kari
DE69903519.8	DE	10/16/2002	Measurement reporting in a telecommunication system
(DE69903519.8)	ļ	(2/9/1999)	
(DE09903319.8)			Salonaho, Oscar, Sipila, Kari
FR1057356	FR	10/16/2002	Measurement reporting in a telecommunication system
(FR99902582.8)		(2/9/1999)	Calaurka Orang Sirila Vari
		10/1/2000	Salomaho, Oscar, Sipila, Kari Measurement reporting in a telecommunication system
GB1057356	GB	10/16/2002	Measurement reporting in a refeccioning measurement system
(GB99902582.8)		(2/9/1999)	Salonaho, Oscar, Sipila, Kari
	US	1/3/2006	Measurement reporting in a telecommunication system
6,982,959	Ų5	(2/9/1999)	Interest to parents in a second
(09/622,241)		(200,1000)	Salonaho, Oscar; Sipila, Kari
7 002 202	US	2/21/2006	Mechanism for point-to-multipoint communication
7,003,292	00	(10/10/2001)	
(09/972,899)		(,	Toyryla, Hannu
DE60232571.4	DE	6/10/2009	Mechanism for point-to-multipoint communication
		(10/9/2002)	
(DE60232571.4)			Toyryla, Hannu
GB1303150	GB	6/10/2009	Mechanism for point-to-multipoint communication
(GB02102426.0)		(10/9/2002)	
` <u> </u>			Toyryla, Hanau
7,028,176	US	4/11/2006	System for booting distributed processor architecture by loading boot software via ethernet to sub-unit after main unit is booted and
(10/442,945)		(9/24/2002)	
(10/442,543)			released the sub-unit from reset
			Aspegren, Sami; Viero, Timo; Heikkinen, Eero
		7/11/7/07	Method for signalling DTX periods and allocation of new
7,075,907	US	7/11/2006	channels in a statistical multiplexed radio interface
(09/587,993)		(6/6/2000)	CHAIRREIS III A STAIISTICAL MICHIPICACCA TABLE BIOTIAGO
(İ		Lintulampi, Raino
	US	1/2/2007	Method and device for identifying a data packet in a data stream
7,158,598	US	(10/19/2001)	Triction (410 de 1100 tet 1445) (110 de 1100 d
(09/981,903)		(10/15/2001)	Schetelig_ Markus; Kafemann, Harald
DE (0120219 0	DE	5/29/2008	Reserving quality of service in wireless telecommunication system
DE60130318.0	DE .	(1/23/2001)	
(DE60130318.0)	ĺ	(Uskela, Sami
GB1252789	GB	9/5/2007	Reserving quality of service in wireless telecommunication system
		(1/23/2001)	
(GB01902449.6)	1	i	Uskela, Sami
7,170,872	US	1/30/2007	Reserving quality of service in wireless telecommunication system
(10/201,628)	ļ	(1/23/2001)	
(10/201,028)			Uskela, Sami
7.227.873	US	6/5/2007	Negotiation of used communication mode in a
(10/205,622)	Į	(1/29/2001)	telecommunications system
(10/202,022)	1		Tubelimotel Morri
	<u></u>	 	Lehtimaki, Matti Anti-theft arrangement, method and program
7,259,673	US	8/21/2007	Anti-usen arrangement, meuroa anu program
(10/996,800)	j	(11/24/2004)	Deeds, Douglas
	1	5/13/2009	Master/slave synchronisation method in a bluetooth system
CNZL01811842.9	CN	(6/13/2001)	ividatel/stave synchronization metrod in a crossoon. System
(CN01811842.9)		(0/13/2001)	Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
(CINDIDITO42,2)	1		Markus
(CN01011042.5)	1		
•	DE	6/23/2005	Master/slave synchronisation method in a bluetooth system
DE60103758.8	DE	6/23/2005 (6/13/2001)	Master/slave synchronisation method in a bluetooth system
•	DE	6/23/2005 (6/13/2001)	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf, Schnitzler, Jurgen; Schetelig,
DE60103758.8	DE		Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf, Schnitzler, Jurgen; Schetelig, Markus
DE60103758.8 (DE60103758.8)			Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
DE60103758.8 (DE60103758.8) FR1295420	DE FR	(6/13/2001)	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf, Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system
DE60103758.8 (DE60103758.8)		(6/13/2001) 6/9/2004	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf, Schnitzler, Jurgen; Schetelig, Markus
DE60103758.8 (DE60103758.8) FR1295420		(6/13/2001) 6/9/2004 (6/13/2001)	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus
DE60103758.8 (DE60103758.8) FR1295420 (FR01949410.3)		(6/13/2001) 6/9/2004	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
DE60103758.8 (DE60103758.8) FR1295420 (FR01949410.3)	FR	(6/13/2001) 6/9/2004 (6/13/2001)	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system
DE60103758.8 (DE60103758.8) FR1295420 (FR01949410.3)	FR	(6/13/2001) 6/9/2004 (6/13/2001) 6/9/2004	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
DE60103758.8 (DE60103758.8) FR1295420 (FR01949410.3)	FR	(6/13/2001) 6/9/2004 (6/13/2001) 6/9/2004 (6/13/2001)	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus
DE60103758.8 (DE60103758.8) FR1295420 (FR01949410.3)	FR	(6/13/2001) 6/9/2004 (6/13/2001) 6/9/2004	Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Master/slave synchronisation method in a bluetooth system Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig, Markus Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,

N. 100 - 101			Markus
NL1295420	NL	6/9/2004	Master/slave synchronisation method in a bluetooth system
(NL01949410.3)		(6/13/2001)	Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
			Markus
EP04006514.6	ÉP	6/13/2001	Master/slave synchronisation method in a bluetooth system
		i	Muller, Thomas; Joeressen, Olaf; Schnitzler, Jurgen; Schetelig,
			Markus
7,274,761	US	9/25/2007	Device synchronisation over a network
(09/885,130)		(6/21/2001)	Muller, Thomas; Joeressen, Olaf, Schnitzler, Jurgen; Scheteilg,
			Markus
7,308,021	US	12/11/2007	Method in the synchronization of a receiver, and a receiver
(10/122,497)	ĺ	(4/15/2002)	Kontola, Ilkka
7,310,537	US	12/18/2007	Communication on multiple beams between stations
(10/639,758)		(8/13/2003)	Communication on turnable ocurs octacen stations
			Wichman, Risto, Tirkkonen, Olav, Kashaev, Rinat
7,379,975	US	5/27/2008 (4/16/2004)	Electric device, computer program, system and method of setting
(10/825,929)		(4/10/2004)	up user applications
			Hussmann, Holger
FI117534	FI	11/15/2006	A method for filtering digital images, and a filtering device
(FI20000141)		(1/24/2000)	
7,388,996	US	6/17/2008	Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta Method for filtering digital images, and a filtering device
(09/766,238)		(1/19/2001)	method for intering digital images, and a fintering device
			Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
CA2396941	CA	10/18/2005	A method for filtering digital images, and a filtering device
(CA2396941)		(1/22/2001)	Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
CN01806450.7	CN	7/11/1996	A method for filtering digital images, and a filtering device
31,3133311			and a little ing action
(D2005 105 105	-		Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
JP2007-187429	JP	7/18/2007	Method for filtering digital images, and a filtering device
			Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
KR10-0754461	KR	8/27/2007	A method for filtering digital images, and a filtering device
(KR10-2002-7009308)		(1/22/2001)	
SG90572	SG	4/29/2005	Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta A method for filtering digital images, and a filtering device
(SG200204370.1)	56	(1/22/2001)	A medico for intering eights mages, and a intering device
			Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
ZA02/05507	Z.A	(7/10/00/07)	A method for filtering digital images, and a filtering device
(ZA02/05507)		(7/10/2002)	Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
BR0107757	BR	 	A method for filtering digital images, and a filtering device
(BR0107757)		(1/22/2001)	
			Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
DE01902441.3	DE	1/7/2009 (1/22/2001)	A method for filtering digital images, and a filtering device
(DE01902441.3)		(4/22/2001)	Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
FR1264486	FR	1/7/2009	A method for filtering digital images, and a filtering device
(FR01902441.3)		(1/22/2001)	
	GB	1/7/2009	Lainema, Jani; Dobrín, Bogdan-Paul; Karczewicz, Marta
GB1264486	OB	(1/22/2001)	A method for filtering digital images, and a filtering device
(GB01902441.3)			Lainema, Jani; Dobrin, Bogdan-Paul; Karczewicz, Marta
HK03106478.5	НK	9/10/2003	Method for filtering digital images, and a filtering device
			Lainema Indi Dubria Dandar B. J. M.
EP00969617.0	EP	10/23/2000	Lainema, Jani, Dobrin, Bogdan-Paul; Karczewicz, Marta Method and arrangement for digital signal transmission
23 00909017.0	2-21	10/23/2000	weened and analigement for mistra signal garginesion
			Tirkkonen, Olav
10/450,997	US	12/19/2001	Transmitting digital signal
1			Tirkkonen, Olay
		I	1 DAMODELL CIAY

DE60123282.8	DE	10/11/2007 (12/19/2001)	Transmitting digital signal
(DE60123282.8)			Tirkkonen, Olav
GB1350354 (GB01273305.1)	GB	9/20/2006 (12/19/2001)	Transmitting digital signal
`			Tirkkonen, Olav
7,460,609 (10/739,017)	US	12/2/2008 (6/24/2002)	Transmission method using complex channel symbols
			Tirkkonen, Olav, Hottinen, Ari
EP02743313.5	EP	6/24/2002	Transmission method Tirkkonen, Olav, Hottinen, Ari
	US	3/8/2005	Method and system for digital signal transmission
6,865,237 (09/676,373)	US	(9/29/2000)	Boariu, Adrian; Hottinen, Ari; Tirkkonen, Olav
7,007,570	US	2/28/2006	ISI-robust slot formats for non-orthogonal-based space-time block
7,006,579 (10/023,924)	ŲS	(12/18/2001)	codes
			Kuchi, Kiran; Tirkkonen, Olav; Hottinen, Ari
7,355,961 (11/070,624)	ÜS	4/8/2008 (3/2/2005)	Method and arrangement for digital signal transmission using layered space-time codes
			Tirkkonen, Olav
7 477 702	US	1/13/2009	Method and radio system for digital signal transmission using
7,477,703 (11/070,717)		(3/2/2005)	complex space-time codes
			Tirkkonen, Olav, Hottinen, Ari
CNZL02827163.7	CN	11/7/2007	Rescue beacon
(CN02827163.7)		(1/15/2002)	Z. IV. Ch. intiger Die de Thomas
		10//2000	Zechlin, Christian; Block, Thomas Rescue beacon
KR10-0862954 (KR10-2004-7010732)	KR	10/6/2008 (1/15/2002)	Zechlin, Christian; Block, Thomas
	US	1/27/2009	Rescue beacon
7,483,677	US	(1/15/2002)	Rescue beacon
(10/501,249)		(1/15/2002)	Zechlin, Christian; Block, Thomas
DE60222587.6	DE	6/19/2008	Rescue beacon
(DE60222587.6)	DE	(1/15/2002)	Zechlin, Christian; Block, Thomas
FR1466447	FR	9/19/2007	Rescue beacon
(FR02703569.0)		(1/15/2002)	
(FR02703309.0)		<u> </u>	Zechlin, Christian; Block, Thomas
GB1466447	GB	9/19/2007	Rescue beacon
(GB02703569.0)		(1/15/2002)	TO A 11 COLOR OF THE THE COLOR OF THE COLOR
		2 70 7000	Zechlin, Christian; Block, Thomas
7,006,844	US	2/28/2006	Adaptive power control for multicast transmission
(10/076,617)		(2/19/2002)	Sarkkinen, Sinikka; Isokangas, Jari; Koulakiotis, Dimitris
	1770	2/19/2003	Adaptive power control for multicast transmission
EP03742632.7	EP	2/19/2003	Manabase hower course for intrinces; nationission
		ĺ	Sarkkinen, Sinikka; Isokangas, Jari; Koulakiotis, Dimitris
11/222 751	US	1/13/2006	Adaptive power control for multicast transmission
11/332,751	""	1,71372000	Sarkkinen, Sinikka: Isokangas, Jari; Koulakiotis, Dimitris
12/583,272	US	08/18/2009	Method and apparatus to balance maximum information rate with quality of service in a MIMO system
			lonescu, Dumitru M.; Raghothaman, Balaji

⁽b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like, but excluding design patents, registered designs and copyright protections;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
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 - (1) damages,
 - (2) injunctive relief, and
 - (3) any other remedies of any kind

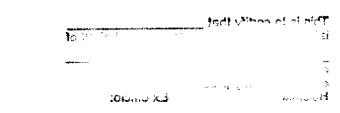
for past, current, and future infringement; and and analysis of

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

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Assignor represents, warrants and covenants that:



- (1) Assignor has the <u>full power</u> and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and
- (2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Span Finland on Sh Obser 2003.

ASSIGNOR:

Nokia Corporation

By: $\sqrt{\varepsilon}$	Ulp Topletty
Name: Harri Honkasalo	
Title: Director of IPR Patent Filing	Virpi Tognetty
(Signature MUST be attested)	Director, IPR Filing & Prosecution Operations
. •	

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746
The undersigned witnessed the signature of _______ to the above
Assignment of Patent Rights on behalf of Nokia Corporation and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

Ham Hankavalo and	
This is to certify that VND \ og NERA	Marie Commission of the Commis
istare legally authorized to sign on behalf of	
Nodez Consuration	
and he has/they have signed this	
document in my presence.	
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PATENT

REEL: 023741 FRAME: 0505

RECORDED: 01/06/2010