### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Elina Vartiainen	05/02/2007
Andrei Popescu	05/02/2007
Virpi Roto	05/02/2007
Guido Grassel	08/06/2007
Mika Rautava	05/02/2007

#### **RECEIVING PARTY DATA**

Name:	NOKIA CORPORATION
Street Address:	Keilalahdentie 4
City:	Espoo
State/Country:	FINLAND
Postal Code:	FIN-02150

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11617965

#### **CORRESPONDENCE DATA**

Fax Number: (203)255-5170

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (203) 259-1800

Email: Lshimizu@pgpatent.com
Correspondent Name: Geza C. Ziegler, Jr.
Address Line 1: 425 Post Road

Address Line 4: Fairfiled, CONNECTICUT 06824

ATTORNEY DOCKET NUMBER:	684-012738-US (PAR)
NAME OF SUBMITTER:	Geza C. Ziegler, Jr.

PATENT REEL: 019652 FRAME: 0518

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Total Attachments: 5 source=ASSIGNMENT070806#page1.tif source=ASSIGNMENT070806#page2.tif source=ASSIGNMENT070806#page3.tif source=ASSIGNMENT070806#page4.tif

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PATENT REEL: 019652 FRAME: 0519

A	Assignment of Rights, Title a (Multiple inventors;	·	Docket No. 684-012738-US (PAR)
This is an As	signment of the following rights, ti	le and interest: (check all that apply):	
<b>32</b>	United States of America rights, ti	tle and interest in the invention	
	Foreign rights, title and interest in	the invention	
22	United States Patent Application Serial No. 11/817,965		
	Date of Execution: 12/29/200	6 Date of Filing: 12/29/2008	**************************************
	United States Patent No(s).		
	International (PCT) Patent Applic	ation Serial No.	<del></del>
	Other (specify)		Nachhairean
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Title of the In	TING TASK COMPLETION TO ANO	THER DEVICE	
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			į
nventors (as	nignors)		
	Name	Address	
Elina.VARTI	IAINEN	Munidiniemen puistotie 14 a 16, 00330, H	lejsinki, Finland
Andrei POP	ESCU	Flat 5,88 Clarence Avenue, London SW4	&JR, UK
Virpi ROTO		Tuokkostie 4B, 02710, Espoo, Finland	
Guido GRA	SBEL	Nakinkaari 11 E 23, 02320, Espoo, Finland	d
Mika RAUTA	AVA	Kalatorppa 1 C 45, 02230, Espeo, Finland	
***			
	······································		
ssignee			
Name NOKIA CORPORATION		Address Keilalahdentie 4	
	· VINITOR	FIN-02150	
		Espoc, Finland	
-		[Page i of 2]	ASKRAREVOS

**PATENT** 

REEL: 019652 FRAME: 0520

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)

Docket No. 664-912738-US (PAR)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereio, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits according or to account to us with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark. Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for fereign patents, for filling divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/D	nte .
Elina VARTIAINEN	Elina Vactor	02.05.2007
Andrei POPESCU		
Virpi ROTO	In later	2.5.2007
Guido GRASSEL		
MIKA FIAUTAVA	Mk Clanto	102.05.2007
Name		

[Page 2 of 2 ]

REEL: 019652 FRAME: 0521

	Assignment of Rights, Title and (Multiple inventors; si	l l	Docket No. 684-612738-US (PAR)
This is an A	ssignment of the following rights, title	and interest: (check all that apply):	
8	United States of America rights, title and interest in the invention		
	Foreign rights, title and interest in the invention		
20	United States Patent Application Serial No. 11/617,965		
	Date of Execution: 12/29/2006 Date of Filling: 12/29/2006		
	United States Patent No(s).		
	International (PCT) Patent Applicat	ion Serial No.	
	Other (specify)		
This of the li	n centra		
_	RING TASK COMPLETION TO ANOT!	JEG DELHOE	
Inventors (as	zignors)		
	Name	Address	
Elina VART	TAINEN	Munkkiniemen puistotie 14 a 16, 00330, H	elsinki, Finland
Andrei POF	PESCU	Flat 5,88 Clarence Avenue, London SW4	BJA, UK
Virpi ROTO		Tuokkostie 48, 02710, Espoo, Finland	
Guido GRA	SSEL.	Nakinkaari 11 E 23, 02320, Espoo, Finland	
Mika RAUT	AVA	Kalatorppa 1 C 45, 02230, Espoo, Finland	
ļ			
	Y		
L			
Assignee		V4	
	Name	Address	
NOKIA COR	PORATION	Kellalahdentie 4 FIN-02150 Espoo, Finland	

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ASCIBA/REVOZ

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 684-012738-US (PAR)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified
Assignee:

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Latters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature	Date
Elina VARTIAINEN		
Andrei POPESCU	Topeson AR	2.5.2007
Virpi ROTO	<del>- /</del>	_
Guido GRASSEL		
Mika RAUTAVA		

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[Page 2 of 2 ]

REEL: 019652 FRAME: 0523

# Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 684-012738-US (PAR)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Elina VARTIAINEN	
Andrei POPESCU	
Virpl AOTO	
Guido GRASSEL	hy 6 fuell 682007
Mika RAUTAVA	py & fuell 682007

[Page 2 of 2 ]

PATENT REEL: 019652 FRAME: 0524