Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gerard Bosch Creus	05/15/2006
Mika Kuulusa	05/05/2006
Juha E. Savolainen	08/15/2006
Tanya Widen	05/27/2006
Jaarkko Kyro	05/09/2006
Thomas Hubbard	05/05/2006
Juan Feng	05/09/2006
Hannu Esala	05/16/2006
Mikko Siltanen	05/18/2006

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11375531

CORRESPONDENCE DATA

Fax Number: (203)255-5170

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

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Correspondent Name: Geza C. Ziegler, Jr.

Address Line 1: 425 Post Road

Address Line 2: Perman & Green, LLP

PATENT REEL: 018188 FRAME: 0763

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Address Line 4: Fairfield, CONNECTICUT 06824		
ATTORNEY DOCKET NUMBER:	684-012506-US (PAR)	
NAME OF SUBMITTER:	Geza C. Ziegler, Jr.	
Total Attachments: 12 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif source=Executed_Assignment#page5.tif source=Executed_Assignment#page6.tif source=Executed_Assignment#page7.tif source=Executed_Assignment#page8.tif source=Executed_Assignment#page9.tif source=Executed_Assignment#page10.tif source=Executed_Assignment#page11.tif source=Executed_Assignment#page12.tif		

Docket No. 684-012506-US (PAR)

Annual Control of the		
This is an Assignment of	the following rights, title	and interest: (check all that apply):
\(\Section United State \)	tes of America rights, title	and interest in the invention
🗵 Foreign rig	Foreign rights, title and interest in the invention	
	tes Patent Application Seri	iat No. 11/375,531
Date o	/ Execution:	Date of Filing: 3/14/06
United Sta	tes Provisional Patent App	dication Serial No.
☐ United Stat	tes Patent No(s).	
] Internation	nal (PCT) Patent Applicati	
Other (spec	rify)	
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Title of the Invention	THE SECURITY SALES	
MPROVED MOBILE DE	VICE AND METHOD	THE PARTY OF THE P
and consequent		
Factor of the second se		
Inventors (assignors)	THE	Address
Gerard Bosch Creus	EFFE.	Rantatoyry 1 A 8, 00570 Helsinki, Finland
Mika Kuulusa		Kapteeninkatu 7 D 72, 00140 Helsinki, Finland
Juha E. Savolainen	AMARIAN MANAGARAN P. A.	Tilkankatu 15 a 10, 00300 Helsinki, Finland
Tanya Widen	· · · · · · · · · · · · · · · · · · ·	Korkeavuorenkatu 15 C 30, 00130 Helinki, Finland
Jaarkko Kyro		Nallac linia 17.10 G & 00536 Halsinki Finland
Thomas Hubbard	energian and the production of	12 Bernard Road, Woburn, MA 01801, USA
Juan Feng	Annual Control of the	Koivukylantie 6 C 11, 01300 Vantaa, Finland
Hannu Esala	Annual Control of the	Nummistantie 24, 03400 Vihti, Finland
Mikko Siltanen	E. Auto-Auto-Auto-Auto-Auto-Auto-Auto-Auto-	Varalankatu 19, 33240 Tampere, Finland
PRINCEPOS GARAGES SES		PRINCIPAL ID DUATO INITIAL STRUCTURE
	THE REPORT OF THE PROPERTY OF	
A COMPANY OF MICHAEL WAS BEEN	denote Miller of the control of the	. At an at an at an at an at a second and a second at
Assignee		
	ame	Address
Nokia Corporation	***************************************	Audress Keilalahdentie 4
vma uniperativii		FIN-02150 Espoo
***************************************		Finland
-		
		

(Panel of ?)

AS03A/REVO1

Docket No. 684-012506-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	Signatus	Signature/Date	
Gerard Bosch Creus		[5.502a6	
Mika Kuulusa		15.5.786 55.66	
Juha E. Savolainen			
Tanya Widen			
Jaaikko Kyro		9,5,06	
Thomas Hubbard	V		
Juan Feng	Jan 186	3 5 6	
Hannu Esala			
Mikko Siltanen			

PATENT

REEL: 018188 FRAME: 0766

Docket No. Assignment of Rights, Title and Interest in Invention 684-012506-US (PAR) (Multiple inventors; single assignee) This is an Assignment of the following rights, title and interest: (check all that apply): United States of America rights, title and interest in the invention 23 Foreign rights, title and interest in the invention United States Patent Application Serial No. 11/375,531 Date of Execution: Date of Filing: 3/14/06 United States Provisional Patent Application Serial No. United States Patent No(s). International (PCT) Patent Application Serial No. Other (specify) Title of the Invention MPROVED MOBILE DEVICE AND METHOD Inventors (assignors) Name Address Rantatoyry 1 A 8, 00570 Helsinki, Finland Gerard Bosch Creus Mika Kuulusa Kapteeninkatu 7 D 72, 00140 Helsinki, Finland Juha E. Savolainen Tilkankatu 15 a 10, 00300 Helsinki, Finland Tanya Widen Korkeavuorenkatu 15 C 30, 00130 Helinki, Finland Jaarkko Kyro Neljas linja 17-19 G 6, 00530 Helsinki, Finland Thomas Hubbard 12 Bernard Road, Woburn, MA 01801, USA Juan Feng Koivukylantie 6 C 11, 01300 Vantaa, Finland Hannu Esala Nummistantie 24, 03400 Vihti, Finland Mikko Siltanen Varalankatu 19, 33240 Tampere, Finland Assignee Name Address Nokia Corporation Keilalahdentie 4 FIN-02150 Espoo Finland

(Page 1 of 7)

ASSSAMEVOT

Docket No. 684-012506-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");

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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
Gerard Bosch Creus	
Mika Kuulusa	
Juha E. Savolainen	<u> </u>
Tanya Widen	
Jaarkko Kyro	
Thomas Hubbard	
Juan Feng	
Hannu Esala	
Mikko Siltanen	

TID CALL TO LIFE TO 1

Docket No.

	ntors; single assignee)	684-012506-US (PAR)
This is an Assignment of the following r	ights, title and interest: (check all that apply):	
■ United States of America is	rights, title and interest in the invention	
Foreign rights, title and in	sterest in the invention	Bigger
	ication Serial No. 11/375,531	
Date of Execution:	Date of Filing: 3/14/06	
United States Provisional	Patent Application Serial No.	
☐ United States Patent No(s)		AMMAN AND AND AND AND AND AND AND AND AND A
International (PCT) Pater	st Application Serial No.	
Other (specify)	attended to the second of the	
Fitle of the Invention		0.00 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a
IMPROVED MOBILE DEVICE AND MET		
Name	Addres	
Gerard Bosch Creus	Rantatoyry 1 A 8, 00570 Helsinki, Finla	nd
Mika Kuulusa	Kapteeninkatu 7 D 72, 00140 Helsinki.	Finland
Juha E. Savolainen	Tilkankatu 15 a 10, 09300 Helsinki, Finland Halsinki, I	
Tanya Widen	Korkeavuorenkatu 15 C 30, 00130 Heli	nk) Finland
Jaarkko Kyro	Neljas linja 17-19 G 6, 00530 Helsinki, Finland	
Thomas Hubbard	12 Bernard Road, Woburn, MA 01801,	USA
Juan Feng	Koivukylantie 6 C 11, 01300 Vantaa, F	niand
Hannu Esala	Nummistantie 24, 03400 Vihti, Finland	
Mikko Siftanen	Varalankatu 19, 33240 Tampere, Finla	nd
1ssignee		
Name	Addre:	S
Nokia Corporation	Keilalahdentie 4 FIN-02150 Espoo Finland	

[Page | of 2]

ASCBAREVO!

Docket No. 684-012506-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");

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

Name	Signa	ture/Date
Gerard Bosch Creus		
Mika Kuulusa		
Juha E. Savolainen		
Tanya Widen	Tama lunda	770506
Jaarkko Kyro		
Thomas Hubbard		
Juan Feng		
Hannu Esala		
Mikko Siltanen		

Docket No. 684-012506-US (PAR)

This is an Assignment of the following rights, title	and interest: (check all that apply):	
United States of America rights, title	and interest in the invention	
S Foreign rights, title and interest in the	he invention	
United States Patent Application Ser	United States Patent Application Serial No. 11/375,531	
Date of Execution:	Date of Filing: 3/14/06	
United States Provisional Patent App	olication Serial No.	
United States Patent No(s).		
International (PCT) Patent Applicat	ion Serial No.	
Other (specify)		
Title of the Invention		
IMPROVED MOBILE DEVICE AND METHOD		
nventors (assignors)		
Name	Address	
Gerard Bosch Creus	Rantatoyry 1 A 8, 00570 Helsinki, Finland	
Mika Kuulusa	Kapteeninkatu 7 D 72, 00140 Helsinki, Finland	
Juha E. Savolainen	Tilkankatu 15 a 10, 00300 Helsinki, Finland	
Tanya Widen	Korkeavuorenkatu 15 C 30, 00130 Helinki, Finland	
Jaarkko Kyro	Neljas Ilnja 17-19 G 6, 00530 Helsinki, Finland	
Thomas Hubbard	12 Bernard Road, Weburn, MA 01801, USA	
Juan Feng	Koivukylantie 6 C 11, 01300 Vantaa, Finland	
Hanny Esala	Nummistontie 24, 03400 Vihti, Finland	
Mikko Siltanen	Varalankatu 19, 33240 Tampere, Finland	
	A de Administração do Companyo	
Annual Committee and Committee	A to the state of	
t.		
Assignce		
Name	Address	
Nokia Corporation	Keilalahdentie 4 FIN-02150 Espoo Finland	
Version of the control of the contro		

(Page 1 of 7

ASD3A/REVO1

Docket No. 684-012506-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");

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

Name	Signature/Date
Gerard Bosch Creus	
Mika Kuulusa	
Juha E. Savolainen	
Tanya Widen	
Jaarkko Kyro	
Thomas Hubbard	17/2 / 5/5/06
Juan Feng	
Harinu Esala	
Mikko Siltanen	

PATENT

REEL: 018188 FRAME: 0772

Docket No.

Assignment of Rights, (Multiple inv	684-012506-US (PAR)			
This is an Assignment of the following	rights, title and interest: (check all that apply):			
United States of America	United States of America rights, title and interest in the invention			
S Foreign rights, title and	Foreign rights, title and interest in the invention			
United States Patent App	United States Patent Application Serial No. 11/375,531			
Date of Execution:	Approximation of the state of t			
☐ United States Provisiona	United States Provisional Patent Application Serial No.			
United States Patent No	United States Patent No(s).			
International (PCT) Pat	International (PCT) Patent Application Serial No.			
Other (specify)	American Ame			
Title of the Invention				
Inventors (assignors)				
Name	Address	The state of the s		
Gerard Bosch Creus	Rantatoyry 1 A 8, 00570 Helsinki, Finlar	nd		
Mika Kuulusa	Kapteeninkatu 7 D 72, 00140 Helsinki, F	Kapteeninkatu 7 D 72, 00140 Helsinki, Finland		
Juha E. Savolainen	Tilkankatu 15 a 10, 00300 Helsinki, Fini	Tilkankatu 15 a 10, 00300 Helsinki, Finland		
Tanya Widen	Korkeavuorenkatu 15 C 30, 00130 Helin	Korkeavuorenkatu 15 C 30, 00130 Helinki, Finland		
Jaarkko Kyro	Neljas linja 17-19 G 6, 00530 Helsinki, l	Neljas linja 17-19 G 6, 00530 Helsinki, Finland		
Thomas Hubbard	12 Bernard Road, Woburn, MA 01801,	12 Bernard Road, Woburn, MA 01801, USA		
Juan Feng	Koivukylantie 6 C 11, 01300 Vantaa, Fi	Koivukylantie 6 C 11, 01300 Vantaa, Finland		
Hannu Esala Nummistontie 24, 03400 Vihti, Finis				
Mikko Siltanen	Varalankatu 19, 33240 Tampere, Finlan	ad .		
Assignee				
Name	Addres	\$		
Nokia Corporation	Keilalahdentie 4 FIN-02150 Espoo Finland			

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AS03AMEV01

Docket No. 684-012506-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");

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

Name	Signature/Date	
Gerard Bosch Creus		
Mika Kuulusa		
Juha E. Savolainen		
Tanya Wide n		
Jaarkko Kyro		
Thomas Hubbard		
Juan Feng		
Hannu Esala	Ham Landa /6 5.2006	
Mikko Siltanen		
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Docket No. 684-012506-US (PAR

WW.	(Multiple inventors; single assignee) 684-012506-US (PAR)				
This is an As	signment of the following rights, ti	itle and interest: (check all that apply):			
×	United States of America rights, title and interest in the invention				
×	Foreign rights, title and interest in the invention				
×	United States Patent Application Serial No. 11/375,531				
	Date of Execution:	Date of Filing: 3/14/06			
U	United States Provisional Patent Application Seriul No.				
	United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the 1	nvention				
Inventors (a.	MOBILE DEVICE AND METHOD ssignors)				
	Name	Address			
Gerard Bos	sch Creus	Rantatoyry 1 A 8, 00570 Helsinki, Finlan	d		
Mika Kuulu	Sa	Kapteeninkatu 7 D 72, 00140 Helsinki, F	inland		
Juha E. Sa	volainen	Tilkankatu 15 a 10, 00300 Helsinki, Finla	ind		
Tanya Wid	en	Korkeavuorenkatu 15 C 30, 00130 Helin	ki, Finland		
Jaarkko Ky	40	Neljas linja 17-19 G 6, 00530 Helsinki, F	inland		
Thomas H	A CONTRACTOR OF THE PROPERTY O	12 Bernard Road, Woburn, MA 01801, L	ISA		
Juan Feng	***************************************	Koivukylantie 6 C 11, 01300 Vantaa, Fin	land		
Hannu Esa	200/000000 A/M/M/M/M/M/M/M/M/M/M/M/M/M/M/M/M/M/M/M	Nummistoritie 24, 03400 Vihti, Finland			
Mikko Silta	nen	Varalankatu 19, 33240 Tampere, Finland			
Assignee	N. O. C.				
Nokia Corp	Name oration	Address Keilalahdentie 4			
rionia Corp	Oranom	FIN-02150 Espoo Finland			

Docket No. 684-012506-US (PAR)

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Jaarkko Kyro	
Thomas Hubbard	
Juan Feng	
Hannu Esala	
Mikko Siltanen	/85.2006

PATENT REEL: 018188 FRAME: 0776

RECORDED: 08/30/2006