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944-008.029-1

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0	Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-14.	Please record the attached document 077 APR 16 AN 11			
291	1. Name of conveying party(ies):	2. Name and address of receiving party(ies): OPR/FINANU			
4-16	1. Jari HULKKONEN, 2. Olli PIIRAINEN 3. Kari NIEMELA and 4. Mikko SAILY	Name: Nokia Corporation			
V	Additional name(s) of conveying party(ies) attached? Yes No	Address: Keilalahdentie 4			
	3. Nature of Conveyance:	City: Espoo State: ZIP Code: FIN-02150 Country: FINLAND Additional name(s) & address(es) attached? ☐ Yes ☒ No			
	4. Application number(s) or patent number(s): 11/652,403 filed Janu	ary 10, 2007			
	If this document is being filed together with a new application, the A. Patent Application No.(s):	e execution date of the application is: B. Patent No.(s):			
	Additional numbers atta	ached? Yes No			
	5. Name and address of party to whom correspondence concerning document should be mailed: Name: Anatoly Frenkel Address: Ware, Fressola, Van Der Sluys & Adolphson LLP	6. Total number of applications and/or patents involved:			
	Bradford Green, Bldg. Five 755 Main St., P.O. Box 224	Zy Charge deposit account			
	City: Monroe	☐ Please charge any fee deficiency to deposit account			
0&/17/20	State: CT ZIP Code: 06468	8. Deposit account number: 23-0442			
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	9. Statement And Signature:				
	To the best of my knowledge and belief, the foregoing information is true and Correct and, the attached document is either an original document or a true copy of the original document. April 1, 2007				
	Anatoly Frenkel Name of Person Signing	Signature Date			
	Customer No.: 4955 Total number of pages including cover sheet(s): 6				
	944-008.029-1 Page 1 of 1.				

PATENT REEL: 019201 FRAME: 0850

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944-008.029-1

Commissioner for atents, P.O. 1450, Alexandria, VA 22313-1450

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Please record the attached document

1. Name of converted (ies):	2. Name and address of receiving party(ies):		
1. Jari HULKKONEN, 2. Olli PIIRAINEN 3. Kari NIEMELA and 4. Mikko SAILY	Name: Nokia Corporation		
Additional name(s) of conveying party(ies) attached? Yes No	Address: Keilalahdentie 4		
3. Nature of Conveyance:			
	City: Espoo		
	State: ZIP Code: FIN-02150		
Other:	Country: FINLAND		
Execution Date: 1. February 1, 2007, 2. February 1, 2007, 3. February 1, 2007, 4. February 7, 2007	Additional name(s) & address(es) attached? 🔲 Yes 🖾 No		
4. Application number(s) or patent number(s): 11/652,402 filed Janu	ary 10, 2007		
If this document is being filed together with a new application, the A. Patent Application No.(s):	execution date of the application is: B. Patent No.(s):		
Additional numbers atta	ched? 🗌 Yes 🔯 No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and/or patents involved:		
	7. Total fee (37 CFR 3.41):\$40.00		
Name: Anatoly Frenkel Address: Ware, Fressola, Van Der Sluys &	⊠ Enclosed		
Adolphson LLP Bradford Green, Bldg. Five	☐ Charge deposit account		
755 Main St., P.O. Box 224	☐ Please charge any fee deficiency to deposit account		
City: Monroe			
State: CT ZIP Code: 06468	8. Deposit account number: 23-0442		
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To the best of my knowledge and belief, the foregoing information is	true and Correct and, the attached document is either an original		
document or a true copy of the original document.	The self		
Anatoly Frenkel Name of Person Signing	March & 2007 Signature Date		
Name of Person Signing Signature Date OF RMEBSAHT 00000003 13652403 Customer No.: 4955 Total number of pages including cover sheet(s): 6			
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	Page 1 of 1.		

REEL: 019201 FRAME: 0851

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Jari HULKKONEN, Olli PIIRAINEN, Kari NIEMELÄ and Mikko SÄILY citizens of Finland, and residing at Tokkatie 10 A 1, FIN-90650 Oulu, Finland, Pikisaarentie 1 E 11, FIN-90100 Oulu, Finland, Mäkituvantie 4 B 6, FIN-90650 Oulu, Finland, and Pornaistentie 411, FIN-04130 Sipoo, Finland respectively, hereby sell, assign and transfer to NOKIA CORPORATION, a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a TIMESLOT REUSE FOR A SERVICE BASED INTERFACE CONTROL, which is described in an application for Letters Patent of the United States, Serial Number 11/652,403, filed January 10, 2007, claiming priority from United States Patent Application Serial No. 60/758,381 filed January 11, 2006; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

-1-

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at	OULU	this _	13-TM	day of
meces	, in the year 200	07.		

Jari Hulkkonen

Docket No. 944-008.029-1

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Out_0 , this 12 ± 1 , day of t_0 , in the year 2007.

Olli Piirainen

We covenant with said assignee, it successors and assigns and legal representatives,
that the rights and property herein conveyed are free and clear of any encumbrance,
and that we have full right to convey the same as herein expressed.

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at <u>Espeo</u> this <u>1344</u> day of March, in the year 2007.

Mikko Säily

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Jari HULKKONEN, ET AL:

Examiner: to be assigned

Serial No.: 11/652,403

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Art Unit: 2617

Filed: January 10, 2007

Attorney Docket No.: 944-008.029-1

For: TI

TIMESLOT REUSE FOR A SERVICE BASED INTERFACE CONTROL

Mail Stop Assignment Recordation Services United States Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

REQUEST FOR CORRECTED ASSIGNMENT RECORDATION, APPLICANT'S MISTAKE

We are returning the assignment papers herewith as recorded in the above identified application on March 12, 2007 at Reel/Frame 019041 / 0354 and request the following correction be made to the Notice of Recordation: The serial number within the assignment should have been #11/652,403 (not 11/652,377). Attached is a new assignment to be recorded with a new cover sheet along with the Notice of Recordation and the original documents that were recorded. This error is reflected also in the Notice of Recordation.

Please send us a new Notice of Recordation with the correction made to it and recording the correct assignment.

As noted on the PTO-1595 Recordation Form Cover Sheet, please charge our deposit account 23-0442 for the \$40 fee associated with the new recordation. If you have any questions, please contact the undersigned.

Respectfully submitted,

Anatoly Frenkel

Registration No. 54,106

Attorney for Applicant

***If any fee and/or extension is required in addition to any enclosed herewith, please charge Account No. 23-0442.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

Deposited with the United States Postal Service with sufficient postage as first class

Mail in an envelope addressed to the

☐ Transmitted by facsimile to the U.S. Patent and Trademark Office.

Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

(type or print name of person certifying)

PATENT REEL: 019201 FRAME: 0857 Amended sheet Showing change

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Jari HULKKONEN, Olli PHRAINEN, Kari NIEMELA and Mikko SAILY citizens of Finland, and residing at Tokkatie 10 A 1, 90650 Oulu, Finland, Pikisaarentie 1 E 11, 90100 Oulu, Finland, Mäkituvantie 4 B 6, FIN-90650 Oulu, Finland, and Pornaistentie 411, 04130 Sipoo, Finland respectively, hereby sell, assign and transfer to NOKIA CORPORATION, a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a TIMESLOT REUSE FOR A SERVICE BASED INTERFACE CONTROL, which is described in an application for Letters Patent of the United States, Serial Number 11/652 1997, filed January 10, 2007, claiming priority from United States Patent Application Serial No. 60/758,381 filed January 11, 2006; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

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-1-

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at	0010	this	155	day of
FERRIAR-Y	in the year 2007.			

Jari Hulkkonen

Duket No. 944-008.029-1

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Oulu this first day of Feb , in the year 2007.

Olli Piirainen

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Oolo this day of Feb., in the year 2007.

Kari Niemela

We covenant with said assignee, it successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Espoo this 7th day of February, in the year 2007.

Mikko Saily