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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 59643.00618 Date: August 11, 2005

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Name of conveying party(ies)

To the Commissioner of Patents Please record the attached original documents or copy thereof

Tahvo HYÖTYLÄINEN, Minna MYLLYMÄKI, Anu LEINONEN, Kalle TAMMI, Timo VIRTANEN, Martti YLIKOSKI, and Arja TUSA Additional name(s) of conveying party(ies) attached?

☐ Yes

☑ No

3. Nature of conveyance: 

Security Agreement ☐ Other

Execution Date: July 4, 2005, July 6, 2005, August 1, 2005, July 20, 2005, July 4, 2005, August 7, 2005 and August 3, 2005

☐ Merger

☐ Change of Name

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Address: Keilalahdentie 4

FI-02150 Espoo Finland

Additional name(s) & address(es) attached?

☐ Yes

☑ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 7/4/05, 7/6/05, 8/1/05, 7/20/05, 7/4/05, 8/7/05, and 8/3/05

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? 

Yes

⊠ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Squire Sanders & Dempsey L.L.P.

Street Address: 8000 Towers Crescent Drive, 14th Floor

Tysons Corner, Virginia 22182-2700

08/12/2005 ZJUHAR1 00000036 11201113

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40.00 DP

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)...... \$ 40.00

Any additional fees are authorized to be charged to

deposit account

8. Counsel's Deposit account number: 50-2222 (Attach duplicate copy of this page if paying by deposit account)

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Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true

copy of the original document.

Douglas H. Goldhush Name of Person Signing Reg. No. 33,125

Signature

August 11, 2005

Total number of pages including cover sheet, attachments, and document: 2

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ł AM		J. J. UTJ.	JUULU

## **U.S. ASSIGNMENT**

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by **NOKIA CORPORATION** Unsert ASSIGNEE's Keilalahdentie 4 Name(s) F1-02150 Espoo Address(cs) Finland (hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled ffith of SERVICE PROVISIONING IN A COMMUNICATIONS SYSTEM Invention for which application for Letters Patent of the United States was executed on even date herewith unless I\*If the assignment otherwise indicated below: is being filed after the filing of the application, this . Scrial No. \*filed on section must be completed] (Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Tahvo HYÖTYLÄINEN [Signature(s) of Assignor(s)] (SIGNATURE) (TYPE NAME) 6.7.2005 Minna MYLLYMÄKI (TYPE NAME) un deimonen 1.8.2005 Anu LEINONEN (TYPE NAME) 20.7.2005 Kalle TAMMI (SIGNATURE) (DATE) (TYPE NAME)

NO LEGALIZATION REQUIRED

(SIGNATURE)

PATENT REEL: 016887 FRAME: 0080

(DATE)

Timo VIRTANEN

(TYPE NAME)

ignanuc(s)		Martti YLIKOSKI	
Assignor(s)	(SIGNATURE)	(TYPE NAME)	(DATE)
	calja Tu-	Arja TUSA	3.82005
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	(SIGNATURE)	(TYPE NAME)	(DATE)

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Docket	No.	59643.00618		

	U.S	. ASSIGNMENT	
	For good and valuable co	onsideration paid to the undersigned	inventor(s) (hereinafter
[Insert ASSIGNEE's Name(s) Address(es)]	NOKIA CORPORATION Keilalabdentie 4 FI-02150 Espoo Finland		·
		and sufficiency of which is hereby acknow transfers to ASSIGNEE the entire and of	
[Title of	SERVICE PROVISIONING IN A CO	MMUNICATIONS SYSTEM	
Invention]			
*If the assignment is being filed after the filing of the	for which application for Letters Pater otherwise indicated below:	nt of the United States was executed on ex	ven date herewith unless
application, this	*filed on	, Scrial No.	
section must be completed]	(Squire, Sanders & Dempsey and/or filing date hereon, when known	L.L.P. is hereby authorized to insert the se	eries code, serial number
		ites to be obtained therefor on said applica or reexamination thereof for the full term	
	continuing, divisional, reissue or re	ecute all papers necessary in connection examination applications thereof and all pplications as the ASSIGNEE may deem to	iso to execute separate
	litigation, or other legal proceeding continuation, division, reissue or reexa	xecute all papers necessary in connection which may be declared concerning to amination thereof or Letters Patent or reiss in every way possible in obtaining and pation, or other legal proceeding.	this application or any sue patent issued thereon
	IN WITNESS WHEREOF, the unders	igned inventor(s) has (have) affixed his/he	r/their signature(s).
10 marks		Tahvo HYÖTYLÄINEN	
[Signature(s) of Assignor(s)]	(SIGNATURE)	(TYPE NAME)	(DATE)
		Minna MYLLYMÄKI	
	(SIGNATURE)	(TYPE NAME)	(DATE)
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	(SIGNATURE)	Anu LEINONEN (TYPE NAME)	(DATE)
	(ground to the a treatment	•	£ 2000 4 5 26 5000 FE
	(SIGNATURE)	Kalle TAMMI (TYPE NAME)	(DATE)
	(SIGNATURE)	(TTE NAME)	
	y meller	Timo VIRTANEN	4 JULY 2005
	(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

[Signature(s)		Manti YLIKOSKI	in the second se
of Assignor(s))	(SIGNATURE)	(TYPE NAME)	(DATE)
		Arja TUSA	
	(SIGNATURE)	(TYPE NAME)	(DATE)
	(SIGNATURE)	(TYPE NAME)	(DATE)
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	(SIGNATURE)	(TYPE NAME)	(DATE)
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NO LEGALI	ZATION REQUIRED		

## SQUIRE, SANDERS & DEMPSEY L.L.P.

Docket No.	59643.00618	
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## **U.S. ASSIGNMENT**

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	For good and valuable co	onsideration paid to the undersigned in	eventor(s) (hereinafter			
Inscr	NOKIA CORPORATION					
ASSIGNEE's Name(s)	Keilalahdentie 4					
vame(s) Address(es)[	FI-02150 Espoo					
	Finland					
		and sufficiency of which is hereby acknowled transfers to ASSIGNEE the entire and ex				
Title of nvention]	SERVICE PROVISIONING IN A CO	OMMUNICATIONS SYSTEM	······································			
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application, this section must be	*filed on	, Serial No.				
completed]	(Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)					
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	continuing, divisional, reissue or re	recute all papers necessary in connection wexamination applications thereof and alsopplications as the ASSIGNEE may deem no	o to execute separate			
	litigation, or other legal proceeding continuation, division, reissue or reex	execute all papers necessary in connection g which may be declared concerning the amination thereof or Letters Patent or reissue in every way possible in obtaining and p gation, or other legal proceeding.	is application or any e patent issued thereon			
	IN WITNESS WHEREOF, the unders	igned inventor(s) has (have) affixed his/her/	their signature(s).			
Signature(s)		Tahvo HYÖTYLÄINEN				
of Assignor(s)]	(SIGNATURE)	(TYPE NAME)	(DATE)			
		Minna MYLLYMÄKI				
	(SIGNATURE)	(TYPE NAME)	(DATE)			
		A I PRIORPA				
	(SIGNATURE)	Anu LEINONEN (TYPE NAME)	(DATE)			
	(SIGNATURE)	(111E MAND)	(DATE)			
		Kalle TAMMI				
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		Timo VIRTANEN				
	(SIGNIATURE)	(TVDE NAME)	(DATE)			

NO LEGALIZATION REQUIRED

[Signature(s) of Assignor(s)]	(SIGNATURE)	Martti YLIKOSKI (TYPE NAME)	7 Aug. 2005 (DATE)
	(SIGNATURE)	Arja TUSA (TYPE NAME)	(DATE)
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	(SIGNATURE)	(TYPE NAME)	(DATE)
	(SIGNATURE)	(TYPE NAME)	(DATE)
NO LEGA	ALIZATION REQUIRED		

RECORDED: 08/11/2005