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06-29-2004

102779052

U.S. Department of Commerce Patents & Trademark Office

\ttorney Docket No. 59643.00438

Date: June 21, 2004

22278 U.S.P.O 10/871594

To the Commissioner of Patents Please record the attached original documents or copy thereof				
1. Name of conveying party(ies) 1. Kati VAINOLA and 2. Juha BÄCK Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 FIN-02150 Espoo Finland Additional name(s) & address(es) attached?			
3. Nature of conveyance:	☐ Yes			
✓ Assignment✓ Merger✓ Security Agreement✓ Change of Name✓ Other				
Execution Date: June 14, 2004	10871594			
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: June 14, 2004				
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? ☐ Yes ☑ No				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: One			
Name: Squire Sanders & Dempsey L.L.P.	7. Total fee (37 CFR 3.41) \$ 40.00			
Street Address: 8000 Towers Crescent Drive, 14th Floor	☑ Included in attached Check No. <u>011612</u> .			
Tysons Corner, Virginia 22182-2700 PBA/BBOA BTESSEM1 00000055 10871594	☑ Any additional fees are authorized to be charged to deposit account			
FC:892. 40.00 O P	Counsel's Deposit account number: 50-2222 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. 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. ———————————————————————————————————				
Reg. No. 33,125	June 21, 2004 Date pages including cover sheet, attachments, and document: 2			

PATENT REEL: 015500 FRAME: 0528

Docket No	59643.	00438
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	0.5.	ASSIGNMENT		
	For good and valuable con ASSIGNOR) by	nsideration paid to the undersigne	d inventor(s) (hereinafter	
insert	Nokia Corporation			
ASSIGNEE's (æne(s)	Keilalahdentie 4			
(ddress(es)	FIN-02150 Espoo Finalnd			
	(hereinafter ASSIGNEE), the receipt an ASSIGNOR hereby sells, assigns and interest to the invention entitled	d sufficiency of which is hereby ackn	nowledged, the undersigned d exclusive right, title and	
Fitle of wention[TRANSMISSION OF MESSAGES BETWEEN NETWORK ENTITIES IN A WIRELESS COMMUNCIATIONS NETWORK			
If the assignment being filed fter the filing of the	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:			
pplication, this action must be smpleted	*filed on	, Serial No.		
	(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 ex- litigation, or other legal proceeding continuation, division, reissue or reexan and to cooperate with the ASSIGNEE proceeding with such interference, litiga	tination thereof or Letters Patent or re in every way possible in obtaining an	this application or any issue patent issued thereon	
	IN WITNESS WHEREOF, the undersig	ned inventor(s) has (have) affixed his/	her/their signature(s).	
ignature(s)	All Samela	Kati VAINOLA	14.06.2007	
Assignor(s)]	(SIGNATURE)	(TYPE NAME)	(DATE)	
	Me	Juha BĀCK	14 06 2004	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	

RECORDED: 06/21/2004

PATENT REEL: 015500 FRAME: 0529