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Yes
No Additional name(s) & address(es) attached?

Yes

No Nature of conveyance: Assignment Merger 12-14-1998 Security Agreement Change of Name Other: Execution Date: 2 November 1998 100921350 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: 13 November 1998 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?
Yes
No Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: \$40 7. Total fee (37 CFR 3.41): Name: Michael B. Lasky Address: Merchant, Gould, Smith, Edell, Authorized to be charged to deposit account Welter & Schmidt, P.A. 8. Please charge any additional fees or credit any 3100 Norwest Center overpayments to our Deposit account number: 13-2725 90 South Seventh Street Minneapolis, Minnesota 55402-4131 DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing infront attom is true and correct and any attached copy is a true copy of the original document. Michael B. Lasky 13 November 1998 Name of Person Signing Signatu**r**e Date Total number of pages including cover sheet, attachments, and document | 2 Do not detach this portion Mail documents to be recorded with required cover sheet information to

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Commissioner of Patents and Trademarks **Box Assignments**

PATENT

REEL: 9630 FRAME: 0502

Deed of Assignment (Before Patent)

ASSIGNMENT

	WHEREAS,	Kari Sipilä			
		Hirrisuontie 1	1 B 2		
		FIN-01690 Vant	aa, Finland		
ha_	invented cert	tain new and useful imp	provements in _	Method of de	termining effect of
	radio wave multipath fading				
	for which I am about to make application for Letters (I/we have made—or am/are about to make)				
Pat	Patent of the United States of America;				
	AND WHEREAS,Nokia_Telecommunications_Oy				
	Keilalahdentie 4. IIN-02150 Espoo, Finland				
des	desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the				
Uni	Jnited States;				
	NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of				
				<u> 0ne</u>	Dollars (\$1)
to _	to $rac{me}{}$ in hand paid, the receipt of which is hereby acknowledged $rac{L}{}$				
hav	have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said				
	Nokia Telecommunications Dy				
* _	my entire		right	t, title, and interest	in and to the said invention,
as i	s fully set forth and described in the:				
	(a) specification p	prepared and executed	by o	n the day	of, 19,
icable ng	;				Serial No. <u>PCT/1198/0032</u> 1
pre	preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be				
hele	held and enjoyed by the saidNokia_lelecommunications_Oy				
for	fortheir own use and behoof, and fortheir legal representatives, to the full end of the term				
for	for which said Letters Patent are granted, as fully and entirely as the same would have been held by				
	me had this assignment and sale not been made.				
	IN TESTIMONY WHEREOF, hereunto set hand and affix seal at				
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					or's full Signature)
				(Invent	or's full Signature)
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PATENT
*RECORDED: 11/13/1998 right or what nort of the whole interacting PEEL: 9630 FRAME: 0503