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473-008650-US(PAR) **EET** 



101121682 Please record the attached document

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1. Ralph NEUKIRCHEN	Name: Nokia Mobile Phones Limited		
2. Jari KAIKKONEN			
3. Jarkko LEMPIO			
4. Kimmo KAUVO	lirii , , ,		
	41		
Additional name(s) of conveying party(ies) attached?  Yes No	Address: Keilalahdentie 4		
3. Nature of Conveyance:	C' 02150 F		
Margar Margar	City: 02150 Espoo State: ZIP Code:		
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If this document is being filed together with a new application,	· ·		
A. Patent Application No.(s):	B. Patent No.(s):		
09/311,048			
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5. Name and address of party to whom correspondence	6. Total number of applications		
concerning document should be mailed:	and/or patents involved: 1		
	7. Total fee (37 CFR 3.41):\$40.00		
Name: Clarence A. Green			
Address: Perman & Green, LLP	□ Enclosed		
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City: Fairfield	_ , , , , , , , , , , , , , , , , , , ,		
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40_00 AP	Page 1 of 1		

Attorney's Docket No. <u>473-008650-US</u>	(PAR) PATENT
	For & U.S. and/or F Foreign Rights
	For: 🔂 U.S. Application or
	U.S. Provisional Application
	For: 🗍 U.S. Patent
	For: PCT Application
	By: Multiple Inventors

## ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS (Inventors):

(type or pant name of inventors)	Address RingerottstraBe 50	Nationality
Ralph Neukirchen	D-45772 Marl, Germany	German
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Jarkko Lempio	Arkkitehdinkatu 16B27 FIN-33720 Tampere, Finland	Finnish
Kimmo Kauvo	Hahlonkatu 8 FIN-38200 Vammala, Finland	Finnish
Name News		
·		

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

	SIGN		, वऽऽापुर्क साच प्रवाडालाङ			
Nol	kia M	10bil	e Phones Ltd.	FIN-02150 Espoo, Finland	Keilalahdentie 4 FIN-02150 Espoo. Finland	
(type or print name of ASSIGNEE)		name of ASSIGNEE)	Address			
Nati	onali	ty .				
and	the	succ	cessors, assigns and leg	gal representatives of the AS	SSIGNEE	
			(comple	ete one of the following)		
	Œ	į th	e entire right, title and	interest		
		ar	undivided	percent ( %) interest		
for t	he L	Joite	d States and its territori	ial possessions	•	
		(0	heck the following box,	if foreign rights are also to	be assigned)	
	X	an	d in all foreign countrie	s, including all rights to clai	m priority	
in ar	nd to	э алу	and all improvements	which are disclosed in the i	nvention entitled:	
			STORING POSITION DATA,	IN PARTICULAR FOR USE IN A	NAVIGATION AND/OR	
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, ,	_		found in	ionitad on augo data harawi	ith	
(a)	_			recuted on even date herewi	(G)	
(b) (c)				ecuted on n naming the above inventon	(s) for the above-entitled	
(-)	<u>ب</u>	inv	ention		o) to the above entitled	
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			assignment, I, an AS hereby authorize and	R 3.21 for recordal of this SSIGNOR signing below, I request my attorney to date and application numer known.		
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(e)		inte fi	mational application no led on	p. PCT /	/	
<b>(f)</b>					issued	
			A change of address to maintenance fees is be	which correspondence is to being sent separately.	pe sent regarding patent	
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(g)	<b>™</b>	and prio		ereof in a foreign country, inc	luding the right to claim	
			(4		ntor [16.2.2] 2.4.2)	

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF. We have hereunto set hand and seal this L. July 1999

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

(type name of Inventor)	 Signature of INVENTOR
Ralph Neukirchen	Call Malila
Jari Kaikkonen	fre
Jarkko Lempio	 Galla JA
Kimmo Kauvo	1/2 The The

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

(Assignment of Invention-Multiple Inventors [16-3.2]—page 3 of 3)