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101235915 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) Harri LILJA 2) Jari VALLSTROM Name: Nokia Mobile Phones Ltd. Address: Keilalahdentie 4 3. Nature of Conveyance: City: 02150 Espoo ■ Assignment Merger State: ZIP Code: Security Agreement Change of Name Other: Country: Finland Execution Date: Both signed on November 10, 1999 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: November 29, 1999 A. Patent Application No.(s): B. Patent No.(s): 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 09/458905 Address: Perman & Green, LLP 425 Post Road ☐ Charge deposit account Please charge any fee deficiency to deposit account City: Fairfield State: CT ZIP Code: 06430-6232 8. Deposit account number: 16-1350 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, the attached document is either an original document or a true dopy of the original document. Clarence A. Green Name of Person Signing

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Page 1 of 1.

REEL: 010459 FRAME: 0763

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	By. X Inventor(s) or Present Own	ner
ASSIGNMEN	T OF INVENTION (MULTIPLE INVENTOR	RS)
	nent by ASSIGNEE to ASSIGNOR of the sum of is hereby acknowledged, and for other good and	
ASSIGNORS (Inventors):		
Name of Inventor(s)	Address:	Nationality
1. Harri LILJA	Oksatie 20, FIN-90800 Oulu, Finland	Finnish
2. Jari VALLSTRÖM	Tuulikintie 6 D 328, FIN-90570 Oulu, Finla	and Finnish
	or entity to whom invention was previously assig in PTO, add the following)	ned and this was
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hereby sells, assigns and trans	fers to	
ASSIGNEE:	NOKIA MOBILE PHONES LTD., Address: Keilalahdentie 4, FIN-02150	
	Nationality: Finnish Joint Stock Com	pany
	d legal representatives of the ASSIGNEE inplete one of the following)	
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(Assignment of Invention, [16-3] page 1 of 3)

PATENT REEL: 010459 FRAME: 0764 in and to any and all improvements which are disclosed in the invention entitled:

A method to determine channel information in a cellular system, and a mobile station

Name of i	nventor(s)		
and wł	(check and complete (a), (b), (c), (d), (e), (f) or (g)) nich is found in		
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_	To comply with 37 CFR 3.21 for recordal of this assignment, 1, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.		
(d)	US. application No.		
	filed on		
(e)	International appliciation no. PCT/		
(f)	U.S. patent noissued		
	A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.		
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(g) <u>X</u>	and any legal equivalent thereof in a foreign country, including the right to claim priority		
any con	and to, all Letters Patent to be obtained for said invention by the above application or tinuation, division, renewal, or substitute thereof, and as to letters patent any reissue amination thereof		

(Assignment of Invention [16-3] page 2 of 3)

PATENT REEL: 010459 FRAME: 0765 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, I/We	have hereunto set hand and seal.
Warning: The date of signing maitem (a) was checked above. Date: 10.11.1995	ust be the same as the date of execufion of the application, is Signature of ASSIGNOR Harri Lilja
Date: (6.11. 1949)	Jari Allström
Date:	
Date:	
(if ASSIGNOR is a	legal entity, complete the following information)
	(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)
	Title

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 desirerd.

__Notarization or Legalization Page Added.

(Assignment of Invention [16-3-] page 3 of 3)

PATENT RECORDED: 12/10/1999 REEL: 010459 FRAME: 0766