Form PTO-1595



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Name of conveying party(ies):	2. Name and address of receiving party(ies): Name: Nokia Mobile Phones Ltd.			
1) Markku PUKKILA	Name: Nokia Mobile Phones Ltd.			
2) Hannu VILPPONEN	400			
Additional name(s) of conveying party(ies) attached? Yes No	Address: Keilalahdentie 4			
3. Nature of Conveyance:	Auditoss. Ixonaiandonido 7			
	City: 02150 Espoo			
	State: ZIP Code:			
Security Agreement Change of Name Other:	Country: Finland			
Execution Date: Both signed 15 January 2001	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	ne execution date of the application is: 15 January 2001			
If this document is being filed together with a new application, to A. Patent Application No.(s):	B. Patent No.(s):			
A 33147 - 1	Ves M No			
Additional numbers atta 5. Name and address of party to whom correspondence	ched? Yes No 6. Total number of applications			
concerning document should be mailed:	and/or patents involved: 1			
	7. Total fee (37 CFR 3.41):\$40.00			
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Address: Perman & Green, LLP 425 Post Road	Enclosed Charge deposit account			
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Attorney's Docket No.		PATENT				
For: \(\omega U.S. \) and/or \(\omega \) Foreign Rights For: \(\omega U.S. \) Application or \(\omega U.S. \) Provisional Application For: \(\omega U.S. \) Patent For: \(\omega PCT \) Application By: \(\omega Multiple \) 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 (Inventor	s):					
Name of Inventor(s)	Address	Nationality				
 PUKKILA, Markk VILPPONEN, Han 	1174 H 1005 £106£ # 1nu Malminkatu 32 C 80	FIN-02100 ESPOO, Finland Finnish 2398, IRVING, TX 75038, USA D, FIN-00100 HELSINKI, Finland Finnish ge *2398, Irving, TX 75038, U.S.A.				
hereby sell(s), assign(s) and transfer(s) to						
ASSIGNEE:	Nokia Mob	oile Phones Ltd.				
	Finland	eilalahdentie 4, FIN-02150 ESPOO, a Finnish corporate body				
and the successors, assigns and legal representatives of the ASSIGNEE						
(complete one of the following)						
☐ an undivided percent (%) interest for the United States and its territorial possessions						
(check the following box, if foreign rights are also to be assigned)						
☑ and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:						
Adaptive method and arra	ingement for implementing in	cremental redundancy in reception				

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

(check and complete (a), (b), (c), (d), (e), (f) or (g))

		2
and wh	ich	is found in
(a)	X	U.S. patent application executed on even date herewith
(b)		U.S. patent application executed on
(c)		U.S. provisional application naming the above inventor(s) for the above-entitled invention □ Express mail label No.: Mailed:
		☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, 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 application 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.
		(also check (g), if foreign application(s) is also being assigned)
(g)	×	and any legal equivalent thereof in a foreign country, including the right to claim priority
		nd to, all Letters Patent to be obtained for said invention by the above application or

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.

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

(Assignment of Invention - Multiple Inventors [16-3.2] page 2 of 3)

January 2001 Date of signing	F, I/We have hereunto set hand and seal this	15	day of
Aarkku PUKKILA	Mall Tull Signature of INVENTOR		
Iannu VILPPONEN	Signature of INVENTOR		
□ Notari	zation 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.

RECORDED: 02/22/2001

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