

RECORDED  
06-09-2000

Commissioner of Patents and Trademark



101376384

1. Name of conveying party(ies): 1) Anne TOLMUNEN    2) Jari RUOHONEN 3) Jarkko OKSALA    4) Vesa SAVELA		Name: Nokia Mobile Phones Ltd.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Address: Keilalahdentie 4	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		City: 02150 Espoo State:                                      ZIP Code:	
Execution Date: All four signed on 8 March 2000		Country: Finland	
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: 8 March 2000		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
A. Patent Application No.(s):		B. Patent No.(s): <b>09/580752</b>	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Clarence A. Green Address: Perman & Green, LLP 425 Post Road  City: Fairfield  State: CT                                      ZIP Code: 06430-6232		6. Total number of applications and/or patents involved: ..... 1	
		7. Total fee (37 CFR 3.41): .....\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account	
		8. Deposit account number: <u>16-1350</u>	
DO NOT USE THIS SPACE			
9. Statement And Signature:  <i>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 copy of the original document.</i>  Clarence A. Green <i>Clarence A. Green</i> 30 May 2000 Name of Person Signing                                      Signature                                      Date			
		Total number of pages including cover sheet(s): 4	
Page 1 of 1.			

1c583 U.S. PTO  
09/580752  
05/30/00

06/07/2000 ALEXAND 00000027 09580752  
03 FC:581 Express Mail No.: EL334866 IP-US



hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA MOBILE PHONES LTD

*(type or print name of ASSIGNEE)*

Finland

Nationality

Keilalahdentie 4

Address

FIN-02150 ESPOO, Finland

and the successors, assigns and legal representatives of the ASSIGNEE

*(complete one of the following)*

the entire right, title and interest  
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:

**Method for transmitting control information in a communication system**

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

and which is found in

- (a)  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)  U.S. application no. \_\_\_\_\_ / \_\_\_\_\_ filed on \_\_\_\_\_
- (e)  International application no. PCT \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_
- (f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(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

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 8 March 2000

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.*

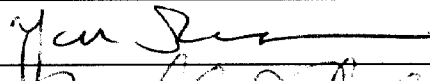
(type name of inventor)

Signature of INVENTOR

Anne Tolmunen



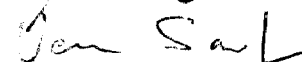
Jari Ruohonen



Jarkko Oksala



Vesa Savela



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)

RECORDED: 05/30/2000

PATENT  
REEL: 010830 FRAME: 0687