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|-------------|--|---|--|
| 6           | Mikael LINDEN     Teemu KURKI  | Name: Nokia Mobile Phones Limited                                   |  |
|             | Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No  3. Nature of Conveyance:  | Address: Keilalahdentie 4   |  |
|             | Assignment   | City: 02150 Espoo<br>State: ZIP Code:                               |  |
|             | Execution Date: Both signed on August 3, 1999  | Additional name(s) & address(es) attached?                          |  |
|             | <ul> <li>4. Application number(s) or patent number(s):         If this document is being filed together with a new application, the A. Patent Application No.(s):     </li> </ul>        | B. Patent No.(s):   |  |
| 0.          | Additional numbers atta  | D9/399579   |  |
| WRD 9.20.99 | Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and/or patents involved:            |  |
|             | Name: Clarence A. Green Address: Perman & Green, LLP 425 Post Road   | 7. Total fee (37 CFR 3.41):\$40.00  Enclosed Charge deposit account |  |
|             | City: Fairfield  | Please charge any fee deficiency to deposit account                 |  |
|             | State: CT ZIP Code: 06430-6232   | 8. Deposit account number: 16-1350                                  |  |
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|             | 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. |   |  |
|             | Clarence A. Green Name of Person Signing Signing   | gnature 20 Stp 99 Date  |  |
|             | Total number of pages including cover sheet(s): 4 .  Page 1 of 1.  |   |  |
| 1           | Express Mail No. EL336861274US 09/28/1999 LSHEED 00000011 09399579 02 FC:581 40.00 0P  |   |  |

**PATENT** 

**REEL: 010267 FRAME: 0280** 

| Attorney's Docket No.  |  | PATENT                |
|--|--|-----------------------|
|  | For: x U.S. and/or U.S. Applica U.S. Provision U.S. Patent PCT Applica By: Multiple Involution | onal Application tion |
| ASSIGNMENT OF I  | NVENTION (MULTIP   | LE INVENTORS)         |
| In consideration of the payment by the receipt of which is hereby acknowl ASSIGNORS (Inventors): |  |                       |
| (type or print name of inventors)  | Address  | Nationality           |
| LINDEN, Mikael   | Elementinpolku<br>FIN-33720 Tam  |                       |
| KURKI, Teemu   | Taavantie 16,<br>FIN-33880 Lem   | Finland               |
|  |  |                       |
|  |  |                       |
|  |  |                       |
|  |  |                       |

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PATENT REEL: 010267 FRAME: 0281

| NOKIA MOBILE PHONES LTD   | Keilalahdentie 4                                  |  |  |  |
|---|---|--|--|--|
| (type or print name of ASSIGNEE)  | Address   |  |  |  |
| Finland   | FIN-02150 ESPOO, Finland                          |  |  |  |
| Nationality   |   |  |  |  |
|   |   |  |  |  |
| and the successors, assigns and legal representative  | ves of the ASSIGNEE                               |  |  |  |
| (complete one   | e of the following)                               |  |  |  |
| •   |   |  |  |  |
| x 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)  |   |  |  |  |
| x 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 utilizing local resources in a communication system  |   |  |  |  |
| (check and complete (a), (b), (c), (d), (e), (f), or (g))   |   |  |  |  |
| and which 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 al  | bove 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) x and any legal equivalent thereof in a foreign country, including the right to claim priority  |   |  |  |  |

hereby sells, assigns and transfers to

ASSIGNEE:

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

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.

|                 |  | Date of signing   |
|-----------------|--|---|
| WARNING:        | The date of signing must be the s checked above.   | came as the date of execution of the application, if item (a) was |
| (type name of i | inventor)  | Signature of INVENTOR   |
| Mikael Linde    | en   | _ UliRoul ()  |
| Teemu Kurk      | i  | Tour July   |
|                 |  |   |
|                 |  |   |
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|                 |  |   |
|                 | ☐ Notarization o   | 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)

PATENT REEL: 010267 FRAME: 0283

**RECORDED: 09/20/1999**