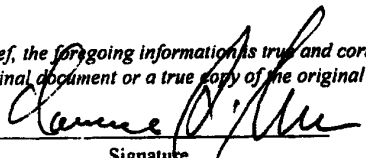


ER SHEET

Commissioner of Patents and

101341822

Please record the attached document

1. Name of conveying party(ies): <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 1) Ilpo REITMAA 3) Jyrki KIMMEL 5) Mika VAISANEN </div> <div style="width: 48%;"> 2) Hannu NIEMINEN 4) Kirsi TAPPURA 6) Timo KOLEHMAINEN </div> </div> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Nokia Oyj Address: Keilalahdentie 4 City: 02150 Espoo State: ZIP Code: Country: Finland Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: </div> <div style="width: 48%;"> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </div> </div> Execution Date: 1) 17 March 2000 2) & 3) signed on 10 March 2000 4) 13 March 2000 5) 16 March 2000 6) 14 March 2000	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: A. Patent Application No.(s): 09/403,458 B. Patent No.(s): 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: <p style="text-align: center;"><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></p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> <u>Clarence A. Green</u> Name of Person Signing </div> <div style="width: 40%; text-align: center;">  Signature </div> <div style="width: 15%; text-align: center;"> <u>5 April 2000</u> Date </div> </div>	
Total number of pages including cover sheet(s): 9 Page 1 of 1.	

PATENT
REEL: 010736 FRAME: 0565

Attorney's Docket No. 297-008981-US (PAB)

PATENT

For: ☒ U.S. and/or ☒ 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):

<u>Name of Inventor(s)</u>	<u>Address</u>	<u>Nationality</u>
1) REITIMAA, Eino	c/o TERES, P.O. Box 69, FIN-00101 HELSINKI, Finland	Finnish
2) NIEMINEN, Heino	Hoidokkalammentie 11, FIN-37560 LEMPÄÄLÄ, Finland	Finnish
3) KIMMEL, Jyrki	Eni Tompurin katu 6, FIN-33720 TAMPERE, Finland	Finnish
4) TAPFERA, Eino	Lukonmäenkatu 5 F 29, FIN-33710 TAMPERE, Finland	Finnish
5) VÄISÄNEN, Mika	Palomäentie 6 A 7, FIN-33200 TAMPERE, Finland	Finnish
6) KOLEHMAINEN, Timo	Porjettijantie 8 B 31, FIN-90560 OULU, Finland	Finnish

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE: Nokia Oyj.
 Address: Keilalahdentie 4, FIN-02150 ESPOO, Finland
 Domicile: Espoo, Finland
 Nationality: a Finnish Corporate Body

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:

Multi-function telecommunication device

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

PATENT
REEL: 010736 FRAME: 0566

(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) ☒ US. application No. 09/403,458 filed on 21 October 1999

(e) ☐ International application No. PCT/ _____

(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.

(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

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.

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)

PATENT
REEL: 010736 FRAME: 0567

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 17th day of
MARCH, 2000
Date of signing

REITMAA, Ipo


Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jydd

Signature of INVENTOR

TAPPURA, Kirsi

Signature of INVENTOR

VÄISÄNEN, Mika

Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR☐ 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)

PATENT
REEL: 010736 FRAME: 0568

3(3)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 10 day of
MARCH
Date of signing

REITMAA, Ippo

Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jyrki

Signature of INVENTOR

TAPPURA, Kirsi

Signature of INVENTOR

VÄISÄNEN, Mika

Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR

☐ 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)

PATENT
REEL: 010736 FRAME: 0569

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 10 day of
March, 2000
Date of signing

REITMAA, Ippo

Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jyrki

Signature of INVENTOR

TAPPURA, Kirsi

Signature of INVENTOR

VÄISÄNEN, Mika

Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR

☐ 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)

PATENT
REEL: 010736 FRAME: 0670

3(3)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this _____ day of
13 March, 2000
Date of signing

REITMAA, Rpo

Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jycki

Signature of INVENTOR

TAPPURA, Kirsi

Kirsi Tappura
Signature of INVENTOR

VAISÄNEN, Mika

Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR☐ 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 5 of 3)

PATENT
REEL: 010736 FRAME: 0571

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 16 day of March, 2000
Date of signing

REITMAA, Lipo

Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jyrki

Signature of INVENTOR

TAPPURA, Kirsi

Signature of INVENTOR

VÄISÄNEN, Mika

Mika Väisänen
Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR

☐ 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)

PATENT
REEL: 010736 FRAME: 0572

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 14th day of
March, 2000
Date of signing

REITIMAA, Ipo

Signature of INVENTOR

NIEMINEN, Hannu

Signature of INVENTOR

KIMMEL, Jyrki

Signature of INVENTOR

TAPPURA, Kirsi

Signature of INVENTOR

VÄISÄNEN, Mika

Signature of INVENTOR

KOLEHMAINEN, Timo

Signature of INVENTOR

☐ 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: 04/10/2000

PATENT
REEL: 010736 FRAME: 0573