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U.S. PTO
09/399562
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<p>1. Name of conveying party(ies): Chia-Sam Wey Kim Anh Tran Jukka-Pekka Neitiniemi Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving party(ies): Name: Nokia Telecommunications Oy Address: Keilalahdentie 4 02150 Espoo Finland City: Espoo Country: Finland Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>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</p>	<p>Execution Date:</p>
<p>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: September 17, 1999 A. Patent Application No. (s): B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 09/399562</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Brian T. Rivers, Esq. Address: Nokia Inc. 4W:4217 6000 Connection Drive City: Irving State: TX ZIP Code: 75039</p>	<p>6 Total number of applications and/or patents involved: One (1) 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: 50-0270 ✓</p>
<p>DO NOT USE THIS SPACE</p>	
<p>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></p> <p>_____ Brian T. Rivers Name of person signing</p> <p>_____ B. T. Rivers Signature</p> <p>_____ 9/25/99 Date</p> <p style="text-align: right;">Total number of pages including cover sheet(s): 5 Page 1 of 1</p>	

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Attorney's Docket No. NC10579

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: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

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(type or print name of inventors)

Address

(Nationality)

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA TELECOMMUNICATIONS OY
[type or print name(s) of ASSIGNEE(S)]

KEILALAHDENTIE 4
Address

02150 ESPOO

FINLAND
Nationality

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:

[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/
(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 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.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant 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 ASSIGNORS 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 date of execution of this application, if item (a) was checked above.

DATE SIGNED

SIGNATURE OF ASSIGNOR(S)

9/17/99

DATE


Name of Inventor: Chia-Sam Wey


9/17/99

DATE


Name of Inventor: Kim Anh Tran

9/17/99

DATE


Name of Inventor: Jukka-Pekka Neitiniemi

DATE

Name of Inventor:

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.

Notarization or Legalization Page Added.

Attorney's Docket No. NC 10579

PATENT

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facie evidence of execution. 35 USC 261.

Details of Country USA
and place of signing of assignment State of Texas
County of Dallas
City of Irving

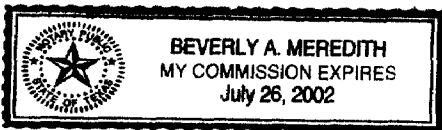
Before me this 17th day of September 1999 personally appeared the above named individual(s), to me known to be the person(s) who is are described in, and who executed the foregoing assignment instrument and acknowledged to me that

- | | | |
|--|----------------------|---|
| <input type="checkbox"/> he | | <input type="checkbox"/> his |
| <input type="checkbox"/> she | executed the same of | <input type="checkbox"/> her |
| <input checked="" type="checkbox"/> they | | <input checked="" type="checkbox"/> their |

own free will for the purpose therein expressed.

Beverly A. Meredith

Notary Public or Consular Officer
of the United States of America



(Notarization or Legalization Accompanying Assignment [16-4])