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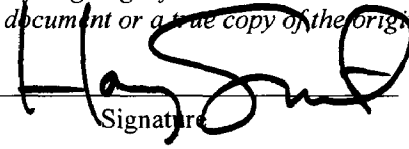
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|--|--|--|--|
| 1. Name of conveying party(ies): Ari HOTTINEN Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 City: Espoo State: _____ ZIP Code: 02150 Country: Finland Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 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: | | 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): 12/214,634 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: Harry Smith Address: Harrington & Smith, PC 4 Research Drive City: Shelton State: CT ZIP Code: 06484-6212 | | 6. Total number of applications and/or patents involved: 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 | |
| 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> Harry Smith  8/15/08 Name of Person Signing Signature Date Total number of pages including cover sheet(s): 4 Page 1 of 4. | | | |

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For U.S. and/or Foreign Rights
For U.S. Application or U.S. Patent
For PCT International Application

ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

| FULL NAME OF INVENTOR: | LAST NAME | FIRST NAME | MIDDLE NAME |
|---------------------------|---------------|--------------|-------------|
| | Akcaba | Cemal | |

| RESIDENCE & CITIZENSHIP: | CITY & STATE OR COUNTRY | CITIZENSHIP |
|-----------------------------|----------------------------|----------------|
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POST OFFICE ADDRESS: **Rotbuchstrasse 3, 8006 Zurich, Switzerland**

(2) ASSIGNOR (inventor):

| FULL NAME OF INVENTOR: | LAST NAME | FIRST NAME | MIDDLE NAME |
|---------------------------|------------------|----------------|-------------|
| | Kuppinger | Patrick | |

| RESIDENCE & CITIZENSHIP: | CITY & STATE OR COUNTRY | CITIZENSHIP |
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POST OFFICE ADDRESS: **Staffelstrasse 2, 8045 Zurich, Switzerland**

(3) ASSIGNOR (inventor):

| FULL NAME OF INVENTOR: | LAST NAME | FIRST NAME | MIDDLE NAME |
|---------------------------|----------------|---------------|-------------|
| | Bölskei | Helmut | |

| RESIDENCE & CITIZENSHIP: | CITY & STATE OR COUNTRY | CITIZENSHIP |
|-----------------------------|----------------------------|-----------------|
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(4) ASSIGNOR (inventor):

| | | | |
|---------------------------|------------------------------|--------------------------|-------------|
| FULL NAME OF INVENTOR: | LAST NAME Hottinen | FIRST NAME Ari | MIDDLE NAME |
|---------------------------|------------------------------|--------------------------|-------------|

| | | |
|-----------------------------|--|-------------------------------|
| RESIDENCE & CITIZENSHIP: | CITY & STATE OR COUNTRY Espoo, Finland | CITIZENSHIP Finland |
|-----------------------------|--|-------------------------------|

POST OFFICE ADDRESS: **Ristiniementie 4 as. 30, 02320 Espoo, Finland**

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

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4
02150 Espoo
Finland

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled:

Linear Transformation Matrices for Distributed Diversity

which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number 12/214,634 filed June 20, 2008,
- PCT International Application No. _____ filed _____,
- 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, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof;

and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: 60/936,924

Filing Date: June 22, 2007.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) 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(S) 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.

(1) **Cemal Akcaba**
Assignor Name

Signature

Date

(2) **Patrick Kuppinger**
Assignor Name

Signature

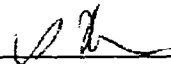
Date

(3) **Helmut Böleskei**
Assignor Name

Signature

Date

(4) **Ari Hottinen**
Assignor Name



Signature

14.8.2008

Date