

10-06-2004

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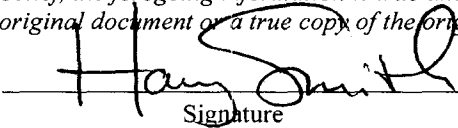
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FINANCE SECTION

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|--|--|--|--|
| 1. Name of conveying party(ies):<br><b>Ming Zheng</b><br>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):<br>Name: <b>Nokia Corporation</b><br>Address: <b>Keilalahdentie 4</b><br>City: <b>Espoo</b><br>State: _____ ZIP Code: <b>02150</b><br>Country: <b>Finland</b><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                       |  |
| 3. Nature of Conveyance:<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other:<br>Execution Date: <b>9/9/2004</b>  |  | 4. Application number(s) or patent number(s):<br>If this document is being filed together with a new application, the execution date of the application is: _____<br>A. Patent Application No.(s):<br><b>10/896,212</b><br>B. Patent No.(s):<br><b>10/4/04</b><br>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:<br>Name: <b>Harry F. Smith, Esq.</b><br>Address: <b>Harrington &amp; Smith, LLP</b><br><b>4 Research Drive</b><br>City: <b>Shelton</b><br>State: <b>CT</b> ZIP Code: <b>06484-6212</b>   |  | 6. Total number of applications and/or patents involved: ..... <b>1</b><br>7. Total fee (37 CFR 3.41): ..... <b>\$40.00</b><br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Charge deposit account<br><input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account  |  |
|  |  | 8. Deposit account number: <b>50-1924</b>  |  |
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| 9. Statement And Signature:<br><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><br><b>Harry F. Smith</b>  <b>9/29/04</b><br>Name of Person Signing Signature Date<br>Total number of pages including cover sheet(s): <b>3</b><br>Page 1 of 3. |  |  |  |

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For  U.S. and/or  Foreign Rights  
 For  U.S. Application or  U.S. Patent  
 For  PCT Application  
 By Single or Multiple Inventors

**ASSIGNMENT OF INVENTION**

Nokia Corporation Docket No.:  
 Harrington & Smith, LLP Docket No.: **884A.0055.U1(US)**  
 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<br>OF INVENTOR: | LAST NAME<br><b>Zheng</b> | FIRST NAME<br><b>Ming</b> | MIDDLE NAME |
|---------------------------|---------------------------|---------------------------|-------------|

|                             |  |                             |
|-----------------------------|--|-----------------------------|
| RESIDENCE &<br>CITIZENSHIP: | CITY & STATE OR COUNTRY<br><b>Farnborough, Hampshire, UK</b> | CITIZENSHIP<br><b>China</b> |
|-----------------------------|--|-----------------------------|

POST OFFICE ADDRESS: **4 Grenadiers Way, Farnborough, Hampshire GU14 0PW, UK**

**ASSIGNEE:**

**Nokia Corporation  
 Keilalahdentie 4  
 FIN-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 in and to any and all improvements which are disclosed in the invention entitled:

**A MULTI-BAND ANTENNA**

that is found in

the patent application executed on the same date herewith,

U.S. patent application number **10/896,212** filed **20 July 2004**,

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.

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.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal this

9/9/2004

(Date(s) of Signing by Assignors).

(1) **Ming Zheng**  
Assignor Name

Ming Zheng  
Signature

Witnessed by

ANGIE BRAIN

Signature of Witness

A. Brain

9/9/2004

Date