

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT    |               |                   |                     |                  |              |            |                |         |              |       |
|--|-------------------|---------------|-------------------|---------------------|------------------|--------------|------------|----------------|---------|--------------|-------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT        |               |                   |                     |                  |              |            |                |         |              |       |
| CONVEYING PARTY DATA   |                   |               |                   |                     |                  |              |            |                |         |              |       |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mark W. Cheng</td><td>10/29/2004</td></tr><tr><td>LiangChi Hsu</td><td>10/29/2004</td></tr></tbody></table>   |                   | Name          | Execution Date    | Mark W. Cheng       | 10/29/2004       | LiangChi Hsu | 10/29/2004 |                |         |              |       |
| Name   | Execution Date    |               |                   |                     |                  |              |            |                |         |              |       |
| Mark W. Cheng  | 10/29/2004        |               |                   |                     |                  |              |            |                |         |              |       |
| LiangChi Hsu   | 10/29/2004        |               |                   |                     |                  |              |            |                |         |              |       |
| RECEIVING PARTY DATA   |                   |               |                   |                     |                  |              |            |                |         |              |       |
| <table border="1"><tr><td>Name:</td><td>Nokia Corporation</td></tr><tr><td>Street Address:</td><td>Keilalahdentie 4</td></tr><tr><td>City:</td><td>Espoo</td></tr><tr><td>State/Country:</td><td>FINLAND</td></tr><tr><td>Postal Code:</td><td>02150</td></tr></table> |                   | Name:         | Nokia Corporation | Street Address:     | Keilalahdentie 4 | City:        | Espoo      | State/Country: | FINLAND | Postal Code: | 02150 |
| Name:  | Nokia Corporation |               |                   |                     |                  |              |            |                |         |              |       |
| Street Address:  | Keilalahdentie 4  |               |                   |                     |                  |              |            |                |         |              |       |
| City:  | Espoo             |               |                   |                     |                  |              |            |                |         |              |       |
| State/Country:   | FINLAND           |               |                   |                     |                  |              |            |                |         |              |       |
| Postal Code:   | 02150             |               |                   |                     |                  |              |            |                |         |              |       |
| PROPERTY NUMBERS Total: 1  |                   |               |                   |                     |                  |              |            |                |         |              |       |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10921088</td></tr></tbody></table>   |                   | Property Type | Number            | Application Number: | 10921088         |              |            |                |         |              |       |
| Property Type  | Number            |               |                   |                     |                  |              |            |                |         |              |       |
| Application Number:  | 10921088          |               |                   |                     |                  |              |            |                |         |              |       |
| CORRESPONDENCE DATA  |                   |               |                   |                     |                  |              |            |                |         |              |       |
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| Phone: 214-706-4200  |                   |               |                   |                     |                  |              |            |                |         |              |       |
| Email: diane.taylor@scheefandstone.com   |                   |               |                   |                     |                  |              |            |                |         |              |       |
| Correspondent Name: Robert H. Kelly  |                   |               |                   |                     |                  |              |            |                |         |              |       |
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| NAME OF SUBMITTER:   | Robert H. Kelly   |               |                   |                     |                  |              |            |                |         |              |       |
| Total Attachments: 3<br>source=Assignment#page1.tif<br>source=Assignment#page2.tif<br>source=Assignment#page3.tif  |                   |               |                   |                     |                  |              |            |                |         |              |       |

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PATENT  
REEL: 015331 FRAME: 0422

## ASSIGNMENT

WHEREAS, We, Mark W. Cheng, a citizen of United States of America, and resident of San Diego, California and LiangChi Hsu, a citizen of United States of America and resident of San Diego, California have invented certain new and useful improvements in "APPARATUS, AND ASSOCIATED METHOD, FOR SELECTING QUALITY OF SERVICE-RELATED INFORMATION IN A RADIO COMMUNICATION SYSTEM" disclosed in an application for United States Letters Patent (Application No. 10/921,088, filed August 18, 2004);

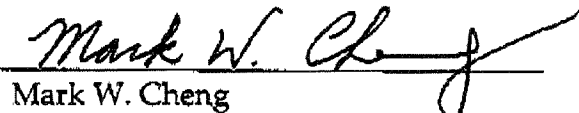
WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland, having a place of business at Keilalahdentie 4, 02150 Espoo, Finland, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in an to the said application and any Letters Patent that may issue thereon;

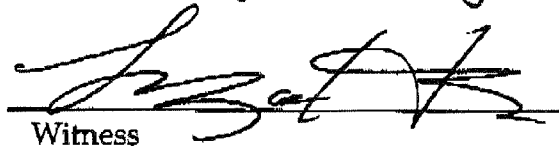
NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above-named, hereby sell, assign, transfer and set over to Assignee, its successors, legal representatives, and assigns, my entire right, title and interest in, to and under the said application and invention, and all divisional, renewal, substitutional, and continuing application thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof; and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

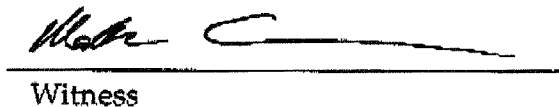
AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, renewal, substitutional, continuing and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this 29<sup>th</sup>  
day of October 2004

  
Mark W. Cheng


  
Witness

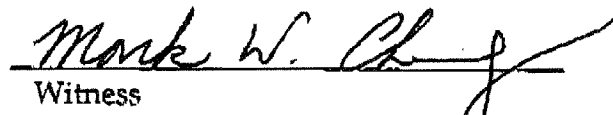
  
Witness

Atty. Docket No. NC34673  
Client/Matter No. 9018.003

Customer ID No. 30973

IN WITNESS WHEREOF, we have hereunto set our hands and seal this 29<sup>th</sup> day of  
Oct. 2004

  
\_\_\_\_\_  
Liang Chi Hsu

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness

ASSIGNMENT

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PATENT

RECORDED: 11/04/2004

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