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OMB No. 0651-0027 (exp. 6/30/2005)

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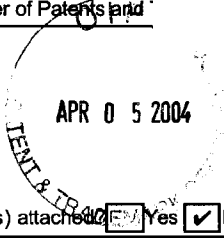


To the Honorable Commissioner of Patents and Trademarks or copy thereof.

ments or copy thereof.

1. Name of conveying party(ies):

LiangChi Hsu  
Ilkka Niva  
Mark W. Cheng  
Zhigang Rong



2. Name and address or receiving party(ies)

Name: Nokia Corporation

Internal Address: \_\_\_\_\_

Street Address: Keilalahdentie 4

City: Espoo, FINLAND State: \_\_\_\_\_ Zip: 02150

Additional name(s) of conveying party(ies) attached?  Yes  No

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: Jan 22, 2004 / Feb 10, 2004

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) 10/735,266  
filed on December 12, 2003

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert H. Kelly

Internal Address: Scheef & Stone, LLP

Street Address: 5956 Sherry Lane, Suite 1400

City: Dallas State: TX Zip: 75225

6. Total number of applications and patents involved:  1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-2032 (Scheef & Stone, LLP)

DO NOT USE THIS SPACE

9. Signature.

Robert H. Kelly, Reg. 33,922  
Name of Person Signing

Robert H. Kelly  
Signature

4 Apr 04  
Date

04/08/2004 DBYRNE 00000056 502032 10735266 Number of pages including cover sheet, attachments, and documents:  6

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**ASSIGNMENT**

WHEREAS, We, Liangchi Hsu, a citizen of the United States of America, and resident of San Diego, California, Ilkka Niva, a citizen of Finland, and resident of San Diego, California, Mark W. Cheng, San Diego, California, and Zhigang Rong, Irving, Texas, have invented certain new and useful improvements in an invention entitled "APPARATUS, AND ASSOCIATED METHOD, FOR GENERATING ASSIGNMENT INFORMATION USED PURSUANT TO CHANNEL ALLOCATION IN A RADIO COMMUNICATION SYSTEM", disclosed in an application for United States Letters Patent (Application No.10/735,266, filed 12 December 2003);

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 and to the said application and any Letters Patent that may issue thereon;

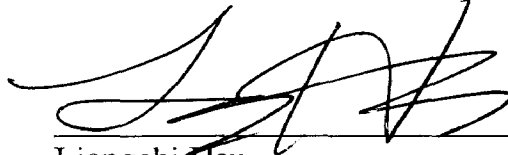
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

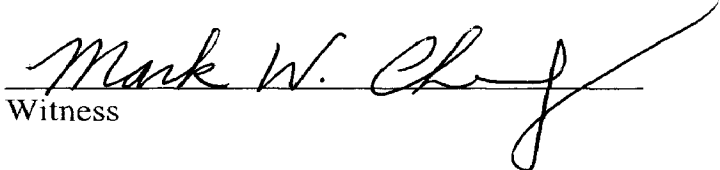
We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.


We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the date set forth hereunder.

Jan. 22, 2004  
Date

  
\_\_\_\_\_  
Liangchi Hsu

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the date set forth hereunder.

Jan 22<sup>nd</sup>, 2004  
Date

*Ilkka Niva*  
Ilkka Niva

*Mark W. Chung*  
Witness

*[Signature]*  
Witness

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the date set forth hereunder.

Jan. 22, 2004  
Date

Mark W. Cheng  
Mark W. Cheng

Mri  
Witness

[Signature]  
Witness

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the date set forth hereunder.

Feb. 10, 2004  
Date

Zhigang Rong  
Zhigang Rong

Dwery Sparkman  
Witness

[Signature]  
Witness