

11-18-2002

FORM PTO-1595
(REV 6-93)

102283463

COVER SHEET
BYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO. NOK114-00044

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Woonhee Hwang
Jukka Marin

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

11-13-02

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Internal Address: Keilalahdentie 4
Fin-02150 Espoo
Finland

Post Office Address: Same as above

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

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

Execution Date: October 4, 2002; October 8, 2002

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.: 10/181,385

B. Patent No.(s)

Filed: July 17, 2002

Additional numbers attached?

☐ Yes ☒ No

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

Name: Docket Clerk
Internal Address: P.O. Box 802432
Dallas, Texas 75380

Post Office Address: Same as above

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): 40.00

☒ Enclosed.☒ Any deficiencies or overpayments are authorized to be charged to or credited to deposit account

8. Deposit account number: 50-0208

Attach duplicate copy of this page if paying by deposit account.

11/15/2002 LMUELLER 00000271 10181385

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40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Stephen J. Wyse, Reg. No. 40,880

Signature

Date

05 Nov 02

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011

PATENT
REEL: 013481 FRAME: 0663

ASSIGNMENT

WHEREAS, We, Woonhee Hwang, a citizen of Finland, and resident of Helsinki, Finland, and Jukka Marin, a citizen of Finland, and resident of Espoo, Finland, have invented certain new and useful improvements in "NETWORK RESOURCE REALLOCATION IN IUB" disclosed in an application for United States Letters Patent (Application No. 10/181,385, filed July 17, 2002);

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.

I 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 this 04 day of October 2002.

Inventor:

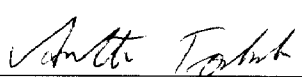


Woonhee Hwang

04/10/02

Date

Witnesses:



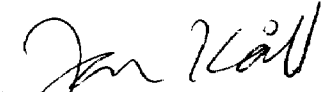
(Signature of witness)

Antti Toskalo

(Printed name)

Monkkivierumäki 2C
FIN-02100 Espoo

(Address)



(Signature of witness)


Jan Vail

(Printed name)

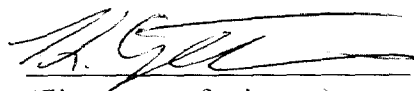
Juopperimäki 2B
FIN-02210 Espoo

(Address)

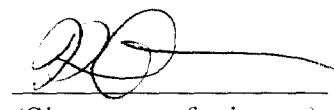
Inventor:


Jukka Marin

8/10/02
Date


(Signature of witness)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : WOONHEE HWANG, ET AL.
U.S. Serial No. : 10/181,385
Filed : July 17, 2002
For : NETWORK RESOURCE REALLOCATION IN IUB
Group No. : (Not yet assigned)
Examiner : (Not yet assigned)

BOX ASSIGNMENTS

Commissioner for Patents
Washington, D. C. 20231

Sir:

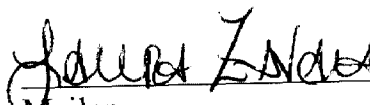
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

The undersigned hereby certifies that the following documents:

1. Our postcard receipt;
2. Check in the amount of \$40.00 for the Assignment recordal fee;
3. Recordation Form Cover Sheet; and,
4. Assignment.

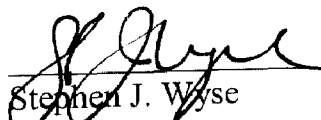
relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to: BOX ASSIGNMENT, Commissioner for Patents, Washington, D.C. 20231, on November 16, 2002

Date: November 16, 2002



Mailer

Date: 05 Nov 02



Stephen J. Wyse
Reg. No. 40,880

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