

01-25-2006

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Wanshi Chen

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 18, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Telefonaktiebolaget LM Ericsson (publ)

Internal Address: _____

Street Address: SE-164 83

City: Stockholm

State: _____

Country: Sweden Zip: _____

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

4. Application or patent number(s)

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/317888

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael D. Murphy

Internal Address: Coats & Bennett, P.L.L.C

Street Address: P.O. Box 5

City: Raleigh

State: NC Zip: 27602

Phone Number: (919) 854-1844

Fax Number: (919) 854-2084

Email address: mmurphy@coatsandbennett.com

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

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9. Signature:

Signature

January 19, 2006

Date

Michael D. Murphy
Name of Person Signing

Total number pages including cover
Sheet, attachments, and documents

3

Attorney Docket No 4740-551
Client Ref No. P21171-US1

ASSIGNMENT LETTER

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, I, **Wanshi Chen**, a citizen of **China**, residing at **8730 Costa Verde Blvd., #2407, San Diego, California 92122**; sell and assign to Telefonaktiebolaget LM Ericsson (publ) SE-164 83 Stockholm SWEDEN, having registered offices at SE-164 83 Stockholm, Sweden (the Company), its successors and assigns the entire right, title, and interest in and to the improvements in a **Method And Apparatus for Multi-Sector Transmission In A Wireless Communication Network**, invented by me, as described in the United States Patent Application Serial Number 11/317888 filed on December 23, 2005, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Telefonaktiebolaget LM Ericsson (publ), or its successors or assigns and agree that on request and without further consideration, but at the expense of the Company, I will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for the improvements in all countries.

2006-01-18



Date

Wanshi Chen

STATE OF California
San Diego County

I, Michelle L. Leahy, a Notary Public for said County and State, do hereby certify that **Wanshi Chen** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 18 day of January, 2006

(Official Seal)



Michelle L. Leahy
Notary Public

My commission expires December 4, 2009.