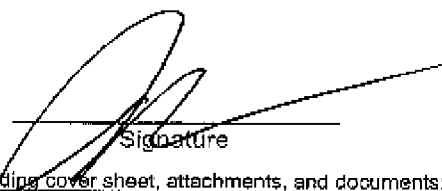


Attiny Docket No.: P18968-US1

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Havish Koorapaty Rajaram Ramesh Leonid Krasny 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) Name: <u>Telefonaktiebolaget LM Ericsson (publ)</u> Internal Address: _____ _____ Street Address: <u>SE-164 83 Stockholm, Sweden</u> _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>07/08/2004; 07/14/2004; 07/09/2004 respectively</u>			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) <u>10/897,250</u> _____ _____ 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: Name: <u>John C. Han</u> Internal Address: _____ _____ Street Address: <u>Ericsson Inc.</u> <u>6300 Legacy Drive, M/S EVR 1-C-11</u> City: <u>Plano</u> State: <u>TX</u> Zip: <u>75024</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-1379</u>		
DO NOT USE THIS SPACE					
9. Signature. <u>John C. Han</u>  <u>August 5, 2004</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>5</u>					

CH \$40.00 501379 10897250

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450
or fax documents to: 703-306-5995

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Assignment Letter

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we,

1) **Havish Koorapaty**, a citizen of **India**, residing at **102 Horsepond Court, Cary, North Carolina 27513**,

2) **Rajaram Ramesh**, a citizen of **United States**, residing at **403 Danton Drive, Cary, North Carolina 27511**, and

3) **Leonid Krasny**, a citizen of **United States**, residing at **111 Gray Mare's Lane, Cary, North Carolina 27511**,

sell and assign to **Telefonaktiebolaget LM Ericsson (publ)**, a corporation organized under the laws of Sweden (the Company), having registered offices at SE-164 83 Stockholm, Sweden, its successors and assigns the entire right, title, and interest in and to the improvements in **DELTA MODULATION FOR CHANNEL FEEDBACK IN TRANSMIT DIVERSITY WIRELESS COMMUNICATION SYSTEMS**, invented by us, as described in the application for United States patent executed concurrently herewith, 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 Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we 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 said improvements in all countries.

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Page 2 of 4**Assignment Letter**07/08/2004

Date

**Havish Koorapaty**
First Inventor

On the 8th day of JULY, 2004, before us personally appeared **Havish Koorapaty**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.



Witness 1 Signature

KUMAR BALACHANDRAN

Print Name

Address

302 RAVENSTONE DR
CARY, NC 27511

Witness 2 Signature

Jiann-Ching Guey

Print Name


Address

103 Wedgemere St.
Cary
NC 27519

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FAX NO. : 91 44 22570120

Jul. 14 2004 02:26PM P3

Attorney Docket Number P18968-US1
Page 3 of 4**Assignment Letter**14 JULY 2004
Date
Rajaram Ramesh
Second Inventor

On the 14th day of JULY, 2004, before us personally appeared **Rajaram Ramesh**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that ~~he/she~~ executed the same.

Joseph Thomas217, Chancellors' Court off 5th Avenue,
Besant Nagar, Chennai - 600 090.
Phone No. Res - 4911810, Off - 2430937J. Thomas JOSEPH THOMAS

Witness 1 Signature

Print Name

Address

#5 29/44 Balakrishna Road

RAJESH PALETHValmiki Nagar Thiruvannamalai

Witness 2 Signature

Print Name

Address

Chennai - 61

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Assignment Letter

07/09/2004
Date

Leonid Krasny
Leonid Krasny
Third Inventor

On the 9th day of July, 2004, before us personally appeared **Leonid Krasny**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

[Signature]
Witness 1 Signature

KUMAR BALACHANDRAN
Print Name

302 RALENSTONE DR.
CARY, NC 27511
Address

[Signature]
Witness 2 Signature

Jiann-ching Guey
Print Name

103 Wedgemere St.
Cary, NC 27519
Address