

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jung-Fu Cheng	09/26/2007
Yi-Pin Eric Wang	09/26/2007
Stephen Grant	09/26/2007
RECEIVING PARTY DATA	
Name:	Telefonaktiebolaget LM Ericsson (publ)
Street Address:	SE-164 83
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11862601
CORRESPONDENCE DATA	
Fax Number:	(972)583-7864
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-583-8656
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Correspondent Name:	Sidney L. Weatherford
Address Line 1:	6300 Legacy Drive
Address Line 2:	MS EVR 1C11
Address Line 4:	Plano, TEXAS 75024
ATTORNEY DOCKET NUMBER:	P23041-US2
NAME OF SUBMITTER:	Sidney L. Weatherford

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**Assignment Letter**

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

- 1) Jung-Fu Cheng, a citizen of Taiwan, residing at 109 Bradwyck Drive, Cary, North Carolina, 27513
- 2) Yi-Pin Eric Wang, a citizen of United States, residing at 215 Cedarpost Drive, Cary, North Carolina, 27513, and
- 3) Stephen Grant, a citizen of Canada, residing at 313 Arlington Ridge Rd, Cary, North Carolina, 27513

hereby sell and assign to **Telefonaktiebolaget LM Ericsson (publ)**, a corporation organized under the laws of 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 invented by us, as described in U.S. Provisional Patent Application No. 60/60863688, entitled Coding for WCDMA MIMO CQI Reports, filed October 31, 2006 and in the related non-provisional U.S. Patent Application, Attorney Docket No. P23041-US1 entitled SYSTEM AND METHOD FOR CODING WCDMA MIMO CQI REPORTS, filed as indicated below. We also hereby sell and assign to the Company the entire right, title, and interest in and to 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 Provisional Application. We hereby authorize and request any official whose duty it is to issue patents, to issue any patents on the improvements, or resulting therefrom, to the Company, or its successors or assigns. We hereby further agree that on request and without further consideration, but at the expense of the Company, we will communicate to the Company or its representatives or nominees any facts known to us respecting the improvements, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid the Company, its successors, and nominees to obtain and enforce proper patent protection for the improvements in all countries.

## Assignment Letter

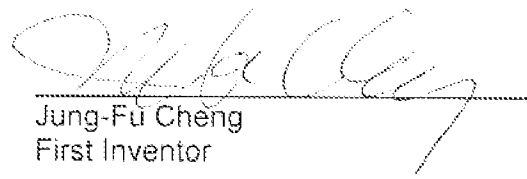
We further authorize and direct our attorneys to insert below, the application number and filing date of the non-provisional application now identified as Attorney Docket No. P23041-US2 as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Serial Number: 11/862,601

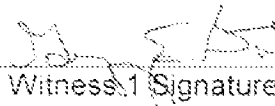
Filing Date: October 1, 2007

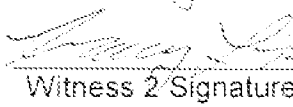
**Assignment Letter**09/26/07

Date

  
Jung-Fu Cheng  
First Inventor

On the 26 day of September, 2007, before us personally appeared Jung-Fu Cheng, 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.

 Guy E. B. Smith RTP, NC USA  
Witness 1 Signature Print Name Address

 Tracey L. Edgum RTP, NC, USA  
Witness 2 Signature Print Name Address

Assignment Letter

2007-09-26  
Date

Yi-Pin Eric Wang  
Second Inventor

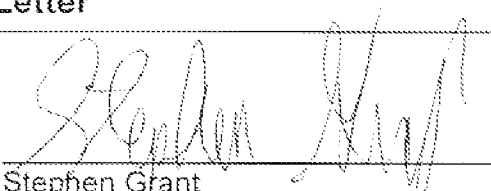
On the 26 day of September, 2007, before us personally appeared Yi-Pin Eric Wang, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

[Signature] Gary E. Bottomly RTP, NC USA  
Witness 1 Signature Print Name Address

[Signature] Tracy L. Fulghum RTP, NC, USA  
Witness 2 Signature Print Name Address


## Assignment Letter

09/26/07  
Date

  
Stephen Grant  
Third Inventor

On the 26 day of September, 2007, before us personally appeared Stephen Grant, 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.

 Gary E. Bethany RTP, NC, USA  
Witness 1 Signature Print Name Address

 Tracey L. Fulgham RTP, NC, USA  
Witness 2 Signature Print Name Address