



08-13-2007

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**PATENTS ONLY**

Our Ref.: 2380-1068

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 1 Jiann-Ching GUEY 5 2 6 3 7 4 8  Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: June 20, 2007	2. Name and address of receiving party(ies): 1) Name: Telefonaktiebolaget LM Ericsson (publ) Street Address: City: Stockholm  State/Country: Sweden Zip: SE-164 83  2) Name Street Address: City: State: Zip:  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 11/760,659 (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) (2) (3)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: H. Warren Burnam, Jr.  Internal Address:  Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203	6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b>
<b>DO NOT USE THIS SPACE</b>	
9. Statements 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.  H. Warren Burnam, Jr.  August 7, 2007 Name of Person Signing Signature Date Reg. No. 29,366  Total number of pages including original cover sheet, attachments, and document: [3]	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT**

WHEREAS, **Jiann-Ching GUEY** (hereinafter **ASSIGNOR**), of 103 Wedgemere Street, Cary, North Carolina 27519, has invented a certain improvement in **METHOD AND APPARATUS FOR COMPLEXITY REDUCTION IN DETECTION OF DELAY AND DOPPLER SHIFTED SIGNATURE SEQUENCES** for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office as a provisional application on **January 12, 2007**; under Serial No. 60/884,703; and for which a so-entitled non-provisional application for Letters Patent of the United States was filed on June 8, 2007 and afforded Serial Number 11/760,659;

WHEREAS, **Telefonaktiebolaget LM Ericsson (publ)** (hereinafter **ASSIGNEE**), a corporation of the Country of **Sweden**, having an office and place of business at **Stockholm, Sweden, SE-164 83**, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the **ASSIGNOR** by these presents hereby sells, assigns, and transfers unto the **ASSIGNEE**, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to **ASSIGNEE**, for its interest as **ASSIGNEE**, for the sole use and behoof of **ASSIGNEE**, its successors, assigns, and legal representatives.

**ASSIGNOR** hereby agrees to assist in the preparation of and hereby assign a like interest to said **ASSIGNEE**, its successors, assigns, and legal representatives, without further remuneration, any non-provisional, continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by **ASSIGNEE**, its successors, assigns, and legal representatives necessary to **ASSIGNEE**'s full protection and title in and to the invention hereby transferred.

**ASSIGNOR** specifically agrees, upon request of **ASSIGNEE**, and without further remuneration, to execute any and all papers desired by **ASSIGNEE** for the filing and granting of foreign applications and the perfecting of title thereto in

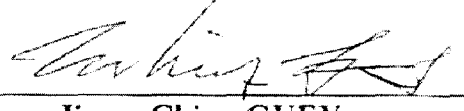
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ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention:

AGREED and executed as noted below:

6/20/07

Date



Jiann-Ching GUEY

Date: 6/20/2007

Witnessed by

Kambiz C. Zang

Name:

Kambiz C. Zang

Address:

611 Rock Creek Rd  
Chapel Hill, NC 27514