



10-01-2008

EET

Our Ref.: HWB-2380-1150



103527663

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 Jason CHEN 5 2 Shiau-He Shawn TSAI 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: July 15, 2008 and July 29, 2008, respectively	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) 12/140,956 (2) (3) B. Patent No(s). (1) (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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 deficiency 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 Account No. 14-1140.
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	
DO NOT USE THIS SPACE	
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.  September 25, 2008 Name of Person Signing Signature Date Reg. No. 29,366 Total number of pages including original cover sheet, attachments, and document: [44]	

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

09/26/2008 JADD01 00000042 12140956  
05 FC:0021 40.00 OP

**ASSIGNMENT**

WHEREAS, **Jason CHEN** and **Shiau-He Shawn TSAI** (hereinafter ASSIGNORS), of **Älvsjö, Sweden**, and **Stockholm, Sweden**, respectively; have invented a certain improvement in **REDUCED-COMPLEXITY DECODING ALGORITHMS FOR TAIL-BITING CONVOLUTIONAL CODES** 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 **October 23, 2007** and afforded Serial No. **60/982,112** and 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 non-provisional application on **June 17, 2008** under Serial No. **12/140,956**;

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 ASSIGNORS by these presents hereby sell, assign, and transfer 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.

ASSIGNORS hereby agree 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.

1358032

ASSIGNORS specifically agree, 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 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:

July 15 2008

Date

Jason Chen

Jason CHEN (TSAO-TSEN CHEN)

Date: 15/07/2008 Witnessed by

Name:  
Address:

Jessie Gabriel  
Jessie Gabriel  
Vindfalle v. 12  
14751 TUMBA (SWE)

Date

Shiau-He Shawn TSAI

Date: \_\_\_\_\_ Witnessed by

Name:  
Address:

ASSIGNORS specifically agree, 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 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:

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Jason CHEN**

Date: \_\_\_\_\_ Witnessed by \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

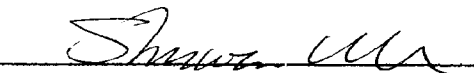
July 29, '08  
Date

  
**Shiau-He Shawn TSAI**

Date: June 29 '08 Witnessed by \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

  
Shuwen Wu

7335 Calle Cristobal #156  
San Diego, CA 92126