



RECORDATION FORM COVER

04/20/2011

Our Ref.: JRL-2380-1606

PATENTS ONLY



103623509

To the Director of the U.S. Patent and Trademark Office: Please record the attached.

4/18/2011

<p>1. Name of conveying party(ies):</p> <p>1 Muhammad KAZMI 5</p> <p>2 Rong HU 6</p> <p>3 7</p> <p>4 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>2/11/2011, 2/11/2011, respectively</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: Telefonaktiebolaget LM Ericsson (publ) Street Address: Torshamnsgatan 23 City: Stockholm</p> <p>State/Country: Sweden Zip: SE-164 83</p> <p>2) Name _____ Street Address: _____ City: _____ State/Country: _____ Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s): This assignment is being filed together with a new application.

A. Patent Application No(s).
(1) 13/023,139
(2) _____
(3) _____

B. Patent No(s).
(1) _____
(2) _____
(3) _____

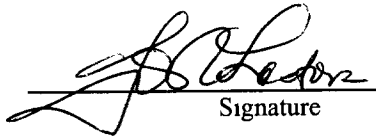
Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>John R. Lastova</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>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 Account No. 14-1140.</p>
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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.

John R. Lastova  April 18, 2011

Name of Person Signing Signature Date

Reg. No. 33,149

Total number of pages including original cover sheet, attachments, and document: [4]

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04/19/2011 AWONDAF: 30000078 13023139
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ASSIGNMENT

WHEREAS, Muhammad KAZMI and Rong HU, (hereinafter ASSIGNORS) of Svartviksslingan 110, 3 tr, Bromma, Sweden SE-167 39 and Alströmervägen 67, Sollentuna, Sweden SE-19141, respectively, have invented a certain improvement in UE TIMING ADJUSTMENT IN A MULTI-RAT, CARRIER AGGREGATION COMMUNICATION SYSTEM 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 November 12, 2010 and afforded Serial No. 61/412,960 and for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on February 8, 2011 under Serial No. 13/023,139;

WHEREAS, Telefonaktiebolaget LM Ericsson (publ) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at Torshamnsgatan 23, 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 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.

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; and

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or

desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

AGREED and executed as noted below:

11th Feb 2011 Muhammad KAZMI
Date Muhammad KAZMI

Witnessed by: [Signature]

Name: KONSTANTINOS DIMOU Date: 2011-02-11

Witnessed by: [Signature]

Name: Johan Lundsjo Date: 2011-02-11

11th Feb. 2011 Rong HU
Date Rong HU

Witnessed by: [Signature]

Name: Henrik Nyberg Date: 2011-02-11

Witnessed by: [Signature]

Name: GUNNAR MILDT Date: 2011-02-11