

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Per ERNSTROM	05/26/2009
Kumar BALACHANDRAN	04/21/2009
Havish KOORAPATY	04/24/2009
Rajaram RAMESH	04/24/2009

**RECEIVING PARTY DATA**

Name:	Telefonaktiebolaget LM Ericsson (publ)
Street Address:	Torshamnsgatan 23
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164 83

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12364997

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	JRL-2380-1276
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NAME OF SUBMITTER:	/John R. Lastova/
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Total Attachments: 5  
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**PATENT  
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ASSIGNMENT

WHEREAS, Per ERNSTRÖM, Kumar BALACHANDRAN, and Havish KOORAPATY and Rajaram RAMESH, (hereinafter ASSIGNORS) of Anders Reimers väg 4, 3tr, Stockholm, Sweden 11750; 302 Ravenstone Drive, Cary, North Carolina 27518; 102 Horsepond Court, Cary, North Carolina 27513 and 3900 Devan Oaks Way, Raleigh, North Carolina 27606, respectively, have invented a certain improvement in USING A SYNCHRONIZATION CHANNEL TO SEND QUICK PAGING SIGNALS 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 3, 2009 under Serial No. 12/364,997;

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 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.

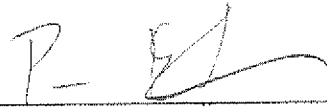
ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & 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:

2009-05-26

Date



Per ERNSTROM

Witnessed by:

Name: Helen Bowen

Date: 2009-05-26

Witnessed by:

Name: Jan J. Mill

Date: 2009-05-26

Date

Kumar BALACHANDRAN

Witnessed by:

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

Date: \_\_\_\_\_

Witnessed by:

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

Date: \_\_\_\_\_

Date

Havish KOORAPATY

Witnessed by:

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

Date: \_\_\_\_\_

Witnessed by:

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

Date: \_\_\_\_\_

AGREED and executed as noted below:

\_\_\_\_\_  
Date Per ERNSTROM

Witnessed by:

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

Witnessed by:

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

\_\_\_\_\_  
Date Apr. 24, 2009

\_\_\_\_\_  
Kumar BANACHANDRAN

Witnessed by:

Name: [Signature] Date: Apr. 24, 2009

Witnessed by:

Name: [Signature] Date: April 24, 2009

\_\_\_\_\_  
Date April 24, 2009

\_\_\_\_\_  
Havish KOORAPATY

Witnessed by:

Name: [Signature] Date: Apr. 24, 2009

Witnessed by:

Name: [Signature] Date: April 24, 2009

2009-04-24 \_\_\_\_\_  
Date Rajaram RAMESH

Witnessed by:

Name: [Signature] Date: Apr 24, 2009

Witnessed by:

Name: [Signature] Date: April 24 2009

We hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., of 901 North Glebe Road, 11th Floor, Arlington, Virginia 22203-1808, to insert here the serial number of said application when known.