

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2990790

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECT ASSIGNOR NAME CHANGE previously recorded on Reel 031954 Frame 0148. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
GEORGE JÖNGREN	04/06/2009
MAGNUS STATTIN	08/08/2014
HENNING WIEMANN	02/02/2009
RECEIVING PARTY DATA	
Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Street Address:	SE-164 83
City:	STOCKOLM
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14044944
CORRESPONDENCE DATA	
Fax Number:	(919)854-2084
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	919-854-1844
Email:	uspto-assignments@coatsandbennett.com
Correspondent Name:	COATS AND BENNETT, PLLC
Address Line 1:	1400 CRESCENT GREEN, SUITE 300
Address Line 4:	CARY, NORTH CAROLINA 27518
ATTORNEY DOCKET NUMBER:	4015-8622
NAME OF SUBMITTER:	JUSTIN J. LEONARD
SIGNATURE:	/Justin J. Leonard, Reg. No. 60,986/
DATE SIGNED:	08/21/2014
Total Attachments: 9 source=8622Assignment#page1.tif source=8622Assignment#page2.tif source=8622Assignment#page3.tif source=8622Assignment#page4.tif	

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source=8622Assignment#page9.tif

ASSIGNMENT

This Assignment is made by:

George Jöngren

Kronogårdsvägen 44
SE-174 62 Sundbyberg
Sweden

Magnus Stattin

Turebergs allé 18, Lgh 1101
SE-191 64 Sollentuna
Sweden

Henning Wiemann

Kelmesbergweg 7
DE-52080 Aachen
Germany

(hereinafter referred to as "Assignor(s)") in favor, and for the benefit and behoof of, Telefonaktiebolaget L M Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at SE-164 83 Stockholm, Sweden (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including Sweden, the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part, conversions and utility models of said application(s), and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent, Patents and Utility Models may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made:

HARQ PROCESS CONTINUATION AFTER CQI-ONLY REPORT

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country	Application No.	File Date
WO	PCT/SE2009/050096	2009-01-30
UNITED STATES	61/089,950	2008-08-19
UNITED STATES	14/044,944	2013-10-03

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letter Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole

PATENT

REEL: 033581 FRAME: 0045

right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor(s). Assignor(s) hereby request that said Letters Patent, Patent or Utility Model be issued to Assignee as the Assignee of said inventions, the Letters Patent, Patent or Utility Model to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

The Assignor(s) and Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the assignor.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of the Effective Date, the Assignor(s) were the sole and lawful owners of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent or Utility Models above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application(s) for Letters Patent, or any proceeding in connection with Letters Patent or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion or Utility Model of any application(s) for Letters Patent or Utility Model, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Utility Model for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:

SWEDEN

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall

be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Subsequent assignment from any of the assignors to the assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

Date 2014-08-19

Signature on behalf of
Assignee

Roger Bou Faical
Roger Bou Faical

ASSIGNMENT

Date April 6, 2009 Signature of Assignor George Jöngren
JÖNGREN, George

Date 2009-05-06 Witnessed by [Signature]
Name: ROBERT BALOGH
Address: ÅNGKÄRSGATAN 3
17170 SKAR
SWEDEN

Date 2009-04-06 Witnessed by [Signature]
Name: JOHAN NYSTRÖM
Address: KRONOBERGSG 22
112 33 STOCKHOLM
SWEDEN

Title: HARQ PROCESS CONTINUATION AFTER CQI-ONLY REPORT

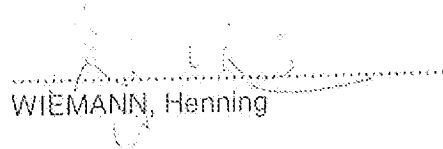
Date 8. Aug. 2014 Signature of Assignor Magnus Stattin

Date 8. Aug. 2014 Witnessed by Mattias Bergström
Address: Bäthelövs v. 1
120 71 Stockholm
Sweden

Date 8. Aug. 2014 Witnessed by Francesco Tulliano
Name: FRANCESCO TULLIANO
Address: STORGATAN 52
171 52 SOLNA
SWEDEN

Date 2014.02.07

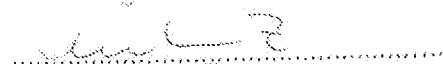
Signature of Assignor


 WIEMANN, Henning
Date 22.08

Witnessed by

Name:

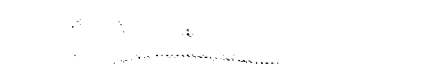
Address:


 Peter Reintjes
 Heidenweg 35
 52074 Aachen
 Germany
Date 22.09

Witnessed by

Name:

Address:


 Simon Staps
 Lohmwegstr 96
 52074 Aachen
 Germany



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 14, 2014

PTAS

COATS AND BENNETT PLLC
1400 CRESCENT GREEN, SUITE 300
CARY, NC 27518

502632620

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/13/2014

REEL/FRAME: 031954/0148
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 4015-8622

ASSIGNOR:
JÖNGREN, GEORGE

DOC DATE: 04/06/2009

ASSIGNOR:
LINDSTRÖM, MAGNUS

DOC DATE: 02/23/2009

ASSIGNOR:
WIEMANN, HENNING

DOC DATE: 02/02/2009

ASSIGNEE:
TELEFONAKTIEBOLAGET L M ERICSSON
(PUBL)
SE-164 83
STOCKHOLM, SWEDEN

APPLICATION NUMBER: 14044944

FILING DATE: 10/03/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: HARQ PROCESS CONTINUATION AFTER CQI-ONLY REPORT

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2679228

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>GEORGE JÖNGREN</td><td>04/06/2009</td></tr><tr><td>MAGNUS LINDSTRÖM</td><td>02/23/2009</td></tr><tr><td>HENNING WIEMANN</td><td>02/02/2009</td></tr></tbody></table>	Name	Execution Date	GEORGE JÖNGREN	04/06/2009	MAGNUS LINDSTRÖM	02/23/2009	HENNING WIEMANN	02/02/2009	
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Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)								
Street Address:	SE-164 83								
City:	STOCKHOLM								
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<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14044944</td></tr></tbody></table>	Property Type	Number	Application Number:	14044944					
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CORRESPONDENCE DATA									
Fax Number:	(919)854-2084								
Phone:	919-854-1844								
Email:	uspto-assignments@coatsandbennett.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	COATS AND BENNETT PLLC								
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Address Line 4:	CARY, NORTH CAROLINA 27518								
ATTORNEY DOCKET NUMBER:	4015-8622								
NAME OF SUBMITTER:	JUSTIN J. LEONARD								
Signature:	/Justin J. Leonard, Reg. No. 60,986/								
Date:	01/13/2014								