

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Johan TORSNER</td> <td>05/16/2008</td> </tr> <tr> <td>Henning WIEMANN</td> <td>03/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Johan TORSNER	05/16/2008	Henning WIEMANN	03/13/2008		
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RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)</td> </tr> <tr> <td>Street Address:</td> <td>S-164 83</td> </tr> <tr> <td>City:</td> <td>Stockholm</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> </table>		Name:	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	Street Address:	S-164 83	City:	Stockholm	State/Country:	SWEDEN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (703)816-4100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-816-4000</p> <p>Email: teh@nixonvan.com</p> <p>Correspondent Name: NIXON & VANDERHYE, PC</p> <p>Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22203</p>									
ATTORNEY DOCKET NUMBER:	2380-1370								
NAME OF SUBMITTER:	John R. Lastova								
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p>									

OP \$40.00 12530988

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PATENT
REEL: 023221 FRAME: 0323

ASSIGNMENT

THIS ASSIGNMENT, by
Per JOHAN Torsner
Henning Wiemann

(hereinafter referred to as "the Assignor(s)") residing at
Skogstorpssvägen 2 C9 ,FI-02430 MASABY ,Finland
Kelmesbergweg 7 ,52080 Aachen ,Germany

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful
improvements in

(H)ARQ FOR SEMI-PERSISTENT SCHEDULING

said invention being disclosed in Sweden application no. 0700703-2 filed on March 19,
2007, and

said invention being based on PCT application no.PCT/SE2008/050278 filed on **March
13, 2008**

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized
under and pursuant to the laws of Sweden and having its principal place of business at S-
164 83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of
acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient consideration, the receipt of which is hereby acknowledged, the Assignor(s)
have sold, assigned, transferred, and set over, and by these presents do 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 above-mentioned inventions,
application for Letters Patent, and any and all Letters Patent or Patents of the United
States of America that may be granted therefor and thereon, and in and to any and all
divisions, continuations, and continuations-in-part of said application, 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
and Patents 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;

AND for the same consideration, the Assignor(s) hereby covenant and agree to
and with the Assignee, its successors, legal representatives, and assigns, that, at the time
of execution and delivery these presents, the Assignor(s) are the sole and lawful owners
of the entire right, title, and interest in and to the inventions and application for Letters
Patent above-mentioned, and that the same are uncumbered, 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;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and
with the Assignee, its successors, legal representatives, and assigns that the Assignor(s)

ASSIGNMENT

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 for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, 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 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;

AND the Assignor(s) hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

ASSIGNMENT

Date 16.05.2008 Signature of Assigner [Signature]
Per JOHAN Torsner

Date 16.05.2008 Witnessed by [Signature]
Name: JOSE LUIS PRADAS
Address: KILONRIINNE 10 E 115
02040 - ESPOO
FINLAND

Date 16.05.2008 Witnessed by [Signature]
Name: RIIKKA SUSITAIVAL
Address: Mannerheimintie 2
00250 Helsinki
Finland

ASSIGNMENT

Date 2008-03-13 Signature of Assignor [Signature]
Henning Wiemann

Date 2008-03-13 Witnessed by [Signature]
Name: Sabine Series
Address: Lothringstr. 96
52070 Aachen
Germany

Date 2008-03-13 Witnessed by [Signature]
Name: Mai-Anh Phan
Address: Schreiberstr. 7
52134 Herzogenrath
Germany