### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2836083

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
EVA ENGLUND	02/18/2013
SHAROKH AMIRIJOO	12/20/2012
GERT-JAN VAN LIESHOUT	03/12/2013
PER BEMING	01/10/2013
STEFAN PARKVALL	01/14/2013
PATRIK KARLSSON	12/20/2012

### **RECEIVING PARTY DATA**

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State/Country:	SWEDEN	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13712174

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	017997.0198
NAME OF SUBMITTER:	WENDY FLOTTMAN
SIGNATURE:	/wendy flottman/
DATE SIGNED:	04/30/2014

**Total Attachments: 7** source=assig#page1.tif

> **PATENT REEL: 032789 FRAME: 0775** 502789488

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PATENT REEL: 032789 FRAME: 0776 Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number JRL-2380-2043 First Named Inventor Niclas WIBERG INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) RADIO RESOURCE MANAGEMENT FOR A HIGH SPEED SHARED CHANNEL (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to ☐ The attached application. ☑ United States Application Number or PCT International application number 13/712,174 filed on December 12, 2012 The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. 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 said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, 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 the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. 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 ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, 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 AGREED and executed as noted below: LEGAL NAME OF SOLE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Inventor's Signature: Date 2012-12-20

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[X] Additional inventors are being named on the

"Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56."

DOCS-2090244-v1-2380\_2043\_Declaration\_wAssign.DOC

supplemental sheet(s) PTO/AIA/10 attached hereto

### SUPPLEMENTAL SHEET FOR DECLARATION

# ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//03/09)

(Page 2 of 3)

egal Name of Additional Joint Inventor, if any:	
E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Eva	ENGLUND
nventor's Signature: Let	Date: 2013-02-18
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Sharokh	AMIRIJOO
Inventor's	Date:
Signature:	
Legal Name of Additional Joint Inventor, if any:	
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	VAD LECHOLIT
Legal Name of Additional Joint Inventor, if any:	van LIESHOUT
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	van LIESHOUT  Date:
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Gert-Jan  Inventor's	
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Gert-Jan  Inventor's	
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Gert-Jan  Inventor's Signature:	
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Gert-Jan  Inventor's Signature:  Legal Name of Additional Joint Inventor, if any:	

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09)  (Page 2 of 3)
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or St	urname)
Eva	ENGLUND
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or S	
Sharokh	AMIRIJOO
Inventor's Signature:	- 20\$2/12/2D
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or S	urame)
Gert-Jan	van LIESHOUT
Inventor's	
Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or S	urname)
Per	BEMING
Inventor's Signature;	Date:

# SUPPLEMENTAL SHEET FOR DECLARATION ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09)

	(Page 2 of 3)
Legal Name of Additional Joint Inventor, if	fance
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(E.g., Given Name (first and middle (if any)) and F	amily Name or Surname)
Eva	ENGLUND
Inventor's Signature:	Date
Legal Name of Additional Joint Inventor, if	fany:
(E.g., Given Name (first and middle (if any)) and Fa	amily Name or Surname)
Sharokh	AMIRIJOO
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if	fany:
(E.g., Given Name (first and middle (if any)) and Fa	amily Name or Surname)
Gert-Jan	van LIESHOUT
Inventor's Signature:	Date 12 March 2008
Legal Name of Additional Joint Inventor, if	any:
(E.g., Given Name (first and middle (if any)) and Fa	amily Name or Surname)
Per	BEMING
Inventor's Signature:	Date:

## SUPPLEMENTAL SHEET FOR DECLARATION

# ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09)

(Page 2 of 3)

Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Eva	ENGLUND
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Sharokh	AMIRIJO0
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Gert-Jan	van LIESHOUT
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Per	BEMING
Inventor's Signature: Dem	Date: 2013-01-10

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09) (Page 3 of 3)
Legal Name of Additional Joint Inventor, if any:  (E.g., Given Name (first and middle (if any)) and Family Name or S	
Stefan Inventor's Signature:	PARKVALL  Date:
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or S	Surname)
Patrik Inventor's Signature:	KARLSSON Date:

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09) (Page 3 of 3)
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or S	ırname) PARKVALL
Stefan Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or 5	urname)
Patrik Inventor's Signature:	Date: 20/2-/2-20

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**PATENT** 

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