502899834 07/21/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANNE PEISA	07/02/2007
JOHAN TORSNER	08/09/2007
MATS SAGFORS	07/02/2007
STEFAN WAGER	06/26/2007

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14216141

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	P22621-US2	
NAME OF SUBMITTER:	ROGER S. BURLEIGH	
SIGNATURE:	/Roger S. Burleigh, Reg No 40,542/	
DATE SIGNED:	07/21/2014	

Total Attachments: 6

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PATENT 502899834 REEL: 033351 FRAME: 0619

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> PATENT REEL: 033351 FRAME: 0620

THIS ASSIGNMENT, by PEISA Janne TORSNER Johan SÅGFORS Mats WAGER Stefan

(hereinafter referred to as "the Assignors") residing at

Metsäpirtintie 12D17, FI-02130 ESPOO, Finland Skogstorpsvägen 2 C9, FI-02430 MASABY, Finland Jungfrusvängen 33 G 12, FI-02400 KYRKSLÄTT, Finland Gårdsgränden 8 H, FI-02360 ESPOO, Finland,

respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in

METHOD AND ARRANGEMENT IN A COMMUNICATION SYSTEM

said invention being disclosed in Swedish application no. 0601713-1 filed on August 18, 2006 and said Swedish application being filed as international application no. PCT/SE2007/050447 on June 20, 2007

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 Assignors 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 Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby convenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignors 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors 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 Assignors 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.

Date 2004-07-02	Signature of Assignor	PEISA Janne	
Date. 2 7 250 7	Witnessed by Name:	Looned Checkit	
	Address:	Jameninaterival 10 FBQ 02150 ESPOO FINILAND	
Date 2.7.2007	Witnessed by Name: Address:	Acto Mahkanen Rohdinkuja 6 00950 Helslati FINLAND	

Date 9 0-3 2003-	Signature of Assi	ignor TORSNER Johan	
Date200708-05\	Witnessed by Name: Address:		
		22360 Syle 0 - Findend	
Date 1002-03-01	Witnessed by	Dance Person	
	Address:	arestmenting (2013	
		And work (2)	

Date02, 07, 2407	. Signature of Assignor	SAGFORS Mats	
Date 2.7. 2009	Witnessed by Name: Address:	Laun Knecks 1 1/24 255 Janneantown (101%) 02130 Espoo £1NLAND	
Date S. Z. 2007	Witnessed by Name: Address:	A-to Kallenien B-Po-Clades Rohlenkeja 6 00750 H. G. *	

Date 25.6:3007	Signature of Assig	wager Stefan
Date	Witnessed by	Laura Greekt XIII (a. 1885)
	Address:	<u> Jameran tuivad 10.7</u> 82 <u>02150 E>700</u> TIN LAND
Date 26.6.2007	Witnessed by Name: Address:	Ama Lorma Hope Landanke 7 & 19 60330 Helgindi FINLAND