PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3049537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MUHAMMAD KAZMI	08/31/2009
BENGT LINDOFF	08/26/2009
WALTER MULLER	07/15/2009

RECEIVING PARTY DATA

Name:	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	
Street Address:	SE-183 64	
City:	STOCKHOLM	
State/Country:	SWEDEN	
Postal Code:	SE-183 64	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13898841

CORRESPONDENCE DATA

Fax Number:

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.

Email: janet.daddona@bakerbotts.com

Correspondent Name: JANET DADDONA

Address Line 1: BAKER BOTTS, LLP, 2001 ROSS AVE, #600

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	017997.0204
NAME OF SUBMITTER:	JANET DADDONA
SIGNATURE:	/janet daddona/
DATE SIGNED:	10/02/2014

Total Attachments: 4

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> **PATENT** REEL: 033873 FRAME: 0271

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ASSIGNMENT

WHEREAS, Muhammad KAZMI, Bengt LINDOFF and Walter MÜLLER (hereinafter ASSIGNORS) of Svartviksslingan 110, 3 tr, Bromma, Sweden SE-167 39; Morkullevägen 45, Bjärred, Sweden SE-237 36; and Huginvägen 7, Upplands Väsby, Sweden SE-194 62, respectively, have invented a certain improvement in TELECOMMUNICATIONS METHOD AND APPARATUS FOR FACILITATING POSITIONING MEASUREMENTS for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on June 19, 2009 and afforded Serial No. 12/488,303;

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-183 64, 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. 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:

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PATENT REEL: 033873 FRAME: 0272 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 non-provisional applications or any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application, or any other patent application 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.

AGREED and executed as 319 August 200 Date	s noted below:	Muhammad KAZMI	
Date		Muhammad KAZMI	
Date: August 3 , 200	1 Witnessed by Name: Address:	Konstantinos P NORRBACKAGATAN 19341 STOCKHOLA	_ 11
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Date		Bengt LINDOFF	
		,	
Date:	Witnessed by		war.
	Name: Address:		
	·		
Date		Walter MÜLLER	
Date:	Witnessed by		
	Name: Address:		

- 2 -

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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 non-provisional applications or any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application, or any other patent application 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.

AG	REED and executed as	noted below:	•
	Date		Muhammad KAZMI
Date:		_ Witnessed by Name: Address:	
	$\frac{16/8-09}{\text{Date}}$	Address	Bengt LINDOFF
Date:	26/8-09	Witnessed by Name: Address:	Niklas Andgart Temmotes 48, 2473 S. Sandby, Suice
	Date		Walter MÜLLER
Date:		_ Witnessed by	
		Name: Address:	
		- 2 -	1502843

PATENT REEL: 033873 FRAME: 0274 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 non-provisional applications or any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application, or any other patent application 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.

as noted below:	•
	Muhammad KAZMI
Witnessed by	
Name: Address:	
	Bengt LINDOFF
Witnessed by	
Name: Ad d ress:	Wilter Malle,
Witnessed by	Walter MULLER Tens Jo Making
Name: Address: - 2 -	ELENA VOLTOLINA ORKANVÄGEN ZO 17771 JÄRFÄLLA 1502543
	Witnessed by Name: Address: Witnessed by Name: Address:

PATENT REEL: 033873 FRAME: 0275

RECORDED: 10/02/2014