504134870 12/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4191156

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS ANGLE	05/21/2010
DANIEL DZUBAN	05/13/2010
GRAEME M. GIBBS	05/12/2010
JEFFREY GRIFFIN	05/13/2010
JOACHIM KARLSSON	05/27/2010
SENECA D. MEYER	05/21/2010
KENNETH DOUGLAS NORBURY	05/12/2010

RECEIVING PARTY DATA

Name:	SONY ERICSSON MOBILE COMMUNICATIONS AB	
Street Address:	NYA VATTENTORNET	
City:	LUND	
State/Country:	SWEDEN	
Postal Code:	S-221 88	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15381789

CORRESPONDENCE DATA

Fax Number:	(919)854-2084		
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.			
Phone:	919-854-1844		
Email:	uspto-assignments@coatsandbennett.com		
Correspondent Name:	COATS & BENNETT, PLLC		
Address Line 1:	1400 CRESCENT GREEN, SUITE 300		
Address Line 4:	CARY, NORTH CAROLINA 27518		

ATTORNEY DOCKET NUMBER:	2002-1712
NAME OF SUBMITTER:	STEPHEN A. HERRERA
SIGNATURE:	/Stephen A. Herrera, Reg. No. 47,642/
DATE SIGNED:	12/19/2016

ASSIGNMENT

For good and valuable consideration,

Travis Angle, a citizen of the United States, residing at 5 Frontier Way Durham, NC 27713

Daniel Dzuban, a citizen of the United States, residing at 1021 Martin Bench Court Wake Forest, NC 27587

Graeme M. Gibbs, a citizen of Ireland, residing at Travesia Arechavaleta, 6-11B 28041 Madrid, Spain

Jeffrey Griffin, a citizen of the United States, residing at 5501 Excalibur Court Harrisburg, NC 28075

Joachim Karlsson, a citizen of Sweden, residing at Högalidsvägen 67H 24436 Kävlinge Sweden

Seneca D. Meyer, a citizen of the United States, residing at 8405 Woodberry Court Garner, NC 27529

Kenneth Douglas Norbury, a citizen of the United Kingdom, residing at 8 Bowles Close Sandbach, CW11 1YH UK

hereby assign(s) to Sony Ericsson Mobile Communications AB, having its principal place of business at Nya Vattentornet S-221 88 Lund Sweden

the entire right, title, and interest in and to the **NETWORK-BASED SERVICE ACCESS FOR WIRELESS COMMUNICATION DEVICES** which is disclosed in U. S. Patent Application Serial Number <u>12/79/292</u> filed on <u>Juce</u> <u>1</u>, <u>2010</u> and for any and all patents granted therefore, in any and all countries, including continuations, continuations-in-part, divisionals, reissues and extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be held and enjoyed by **Sony Ericsson Mobile Communications AB**, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by **Travis Angle, Daniel Dzuban, Graeme M. Gibbs, Jeffrey Griffin, Joachim Karlsson, Seneca D. Meyer and Kenneth Douglas Norbury** had this assignment not been made.

> PATENT REEL: 040670 FRAME: 0372

I hereby authorize and request my representative Coats and Bennett, PLLC, 1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and application serial number in the above indicated spaces when known.

Travis Angle

STATE OF County

I. Melisa A. Ru Huga Notary Public for said County and State, do hereby certify that Travis Angle personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official seal, this the 21^{St} day of May, 2010.

(Official Seal)

Melina A. Ruthog Notary Public

My commission expires January 14 2012

Date

Daniel Dzuban

STATE OF

County

_____a Notary Public for said County and State, do hereby certify that Daniel Dzuban personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 20____.

(Official Seal)

Notary Public

My commission expires _____, ____,

I hereby authorize and request my representative Coats and Bennett, PLLC, 1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and application serial number in the above indicated spaces when known.

Date	Travis Angle		
STATE OF			
County			
I,a Notary Public f Angle personally appeared before me this foregoing instrument.	or said County and State day and acknowledged t	, do hereby certify that T he due execution of the	ravis
Witness my hand and official seal, this the	day of	, 20	
(Official Seal)			
	Notary Public		
My commission expires	·		
5/13/10 Date STATE OF <u>wrth Carolina</u>	Daniel Dzuban		
Wake County			
I, <u>Erin B. Calloway</u> a Notary Public for Dzuban personally appeared before me this foregoing instrument.	s day and acknowledged	the due execution of the	niel
Witness my hand and official seal, this the $_$	13 day of May	, 20 <u>_/o</u>	
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County a Notary Public for said County and State, do hereby certify that Jeffrey Briffin personally appeared before me this day and acknowledged the due execution of the pregoing instrument. Witness my hand and official seal, this the day of, 20 Official Seal)	Date	Jeffrey Griffin
a Notary Public for said County and State, do hereby certify that Jeffrey Griffin personally appeared before me this day and acknowledged the due execution of the pregoing instrument. Witness my hand and official seal, this the day of, 20 Official Seal)	STATE OF	
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Notary Public	Witness my hand and official seal,	this the day of, 20
Notary Public	(Official Seal)	
ly commission expires , .		Notary Public
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Date	Graeme M. Gibbs
Date	Witness for Graeme M. Gibbs
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Date	Witness for Graeme M. Gibbs
	Witness Capacity
MAY 13 2010 Date /	Jeffrey Stiffin
STATE OF North Canolina	
<u>Wake</u> County <u>Env B</u> <u>Callbway</u> a Notary Pub iriffin personally appeared before me pregoing instrument.	olic for said County and State, do hereby certify that Jeffrey this day and acknowledged the due execution of the
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2010-05-27	_ Jeee
Date	Joachim Karlsson
<u>2010-05-27</u> Date	Samah El Haye Witness for Joachim Karlsson
Date	Witness for Joachim Karlsson
	Co-worker
	Witness Capacity
2010-05-27	
Date	Witness for Joachim Karlsson Hisabeth Linggreth
	Witness for Joachim Karlsson Wigabeth Ljunggrev Drup Gicsson Launch Freccubion Mgr TU10 Infl.
	Witness Capacity
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Date	Seneca D. Meyer
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PATENT REEL: 040670 FRAME: 0377

Date	Joachim Karlsson
Date	Witness for Joachim Karlsson
	Witness Capacity
Date	Witness for Joachim Karlsson
	Witness Capacity
$\frac{5/2l/lo}{\text{Date}}$	Seneca D. Meyer
STATE OF North Cardina Wake County	/
1, Melisse A. Rutledge a Notary Public for	r said County and State, do hereby certify that Seneca is day and acknowledged the due execution of the
Witness my hand and official seal, this the _	21 st day of <u>May</u> , 20 <u>10</u> .
(Official Seal)	Melina A, hutte

My commission expires January 14, 2012.

12 K May 2010 Date 12/5/2010 Kenneth Douglas Norbury 12/5 Date Cortan Witness for Kenneth Douglas Norbury Machte. Witness Capacity 12/05/2010 Date Witness for Kenneth Douglas Norbury SOMWARE ARCHITECT Witness Capacity

PATENT REEL: 040670 FRAME: 0379

RECORDED: 12/19/2016