

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3311623

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
NOKIA SOLUTIONS AND NETWORKS OY		12/24/2014
RECEIVING PARTY DATA		
Name:	CELLULAR COMMUNICATIONS EQUIPMENT LLC	
Street Address:	2400 DALLAS PARKWAY SUITE 200	
City:	PLANO	
State/Country:	TEXAS	
Postal Code:	75093	
PROPERTY NUMBERS Total: 29		
Property Type	Number	
Patent Number:	7830916	
Patent Number:	8224372	
Patent Number:	8379590	
Patent Number:	8396030	
Patent Number:	8447345	
Patent Number:	8457022	
Patent Number:	8457676	
Patent Number:	8570957	
Patent Number:	8738075	
Patent Number:	8824533	
Patent Number:	8861472	
Patent Number:	8902770	
Patent Number:	8948751	
Application Number:	12315128	
Application Number:	12733134	
Application Number:	12742102	
Application Number:	13120947	
Application Number:	13144562	
Application Number:	13253323	
Application Number:	13502236	

PATENT

Property Type	Number
Application Number:	13744079
Application Number:	13980323
Application Number:	14238518
Application Number:	14465954
Application Number:	14558083
Application Number:	14611966
Application Number:	14625525
Application Number:	14632874
Application Number:	14662811

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: jgraff@acaciares.com

Correspondent Name: JENNIFER GRAFF

Address Line 1: 2400 DALLAS PARKWAY SUITE 200

Address Line 4: PLANO, TEXAS 75093

NAME OF SUBMITTER:	JENNIFER GRAFF
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SIGNATURE:	/Jennifer Graff/
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DATE SIGNED:	04/15/2015
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Total Attachments: 7

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ASSIGNMENT

WHEREAS, NOKIA SOLUTIONS AND NETWORKS OY, formally known as NOKIA SIEMENS NETWORKS OY, a Finnish limited liability company, having a principal place of business at Karaportti 3, 02610 Espoo, Finland (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") and its affiliates are the beneficial owners of the **Patents and applications listed in Schedule 1 attached hereto**;

AND WHEREAS, CELLULAR COMMUNICATIONS EQUIPMENT LLC, a Texas limited liability company having a place of business at 2400 Dallas Parkway, Suite 200, Plano, Texas 75093 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said **Patents and applications listed in Schedule 1 attached hereto**, and all the inventions therein, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, effective on December 24, 2014 and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from ASSIGNEE is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to (a) the **Patents and applications listed in Schedule 1 attached hereto**; (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions (collectively "Related Cases") of such patents and patent applications; (c) all patents and patent applications (i) to which any or all of the foregoing directly or indirectly claims priority to, or the benefit of, the filing date, or (ii) for which any or all of the foregoing directly or indirectly forms a basis for priority or otherwise provides the benefit of an earlier filing date; and (d) all Related Cases (whether pending, issued, abandoned or filed before or after the effective date of this assignment) and foreign counterparts to any or all of the foregoing, including utility models, certificates of invention and equivalent rights worldwide; such right, title and interest further includes without limitation all rights to claim priority on the basis thereof, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

Assignor hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

FOR USPTO RECORDING

IN TESTIMONY WHEREOF, I hereunto set my hand this 27 day of March,
2015.

NOKIA SOLUTIONS AND NETWORKS OY
(Assignor)

By 

Name: Gerwin Zott
Authorized Signatory

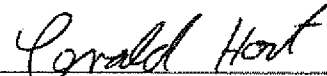
Title: Authorized Signatory

By 

Name: G. WEIDEL

Title: Authorized Signatory

WITNESSED BY:

By 

Name: Gerald Host

Schedule I
Nokia Solutions and Networks Oy

Internal file number	Filing date	Application number	Publication number	Grant date	Grant number	Applicant / Name
2007P02706WE	23.06.2008	08775509.6	2171871			Nokia Solutions and Networks Oy
2007P02706WOAU	23.06.2008	2008265071	2008265071	15.07.2013	2008265071	Nokia Solutions and Networks Oy
2007P02706WQBR	23.06.2008	P10814714-0				Nokia Siemens Networks Oy
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2007P02706WOCN	23.06.2008	200880103990.4	101785206			Nokia Solutions and Networks Oy
2007P02706WOIN	23.06.2008	8416/DELNP/2009				Nokia Siemens Networks Oy
2007P02706WOJP	23.06.2008	2010-512729		29.03.2013	5322224	Nokia Solutions and Networks Oy
2007P02706WOKR	23.06.2008	2010-7001337	2010-0041775	24.10.2011	1078115	Nokia Solutions and Networks Oy
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2007P02706WORU	23.06.2008	2010101598		20.08.2013	2490795	Nokia Siemens Networks Oy
2007P02706WOUS	23.06.2008	12/665,427	2010-0173665	04.06.2013	8457676	Nokia Solutions and Networks Oy
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2007P03110 TH	07.08.2008	0801004122	98245			Nokia Siemens Networks Oy
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2007P03110EPDE	09.08.2007	07015719.3	2023683	18.05.2011	60 2007 014 671.2	Nokia Solutions and Networks Oy
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2007P03110EPGB	09.08.2007	07015719.3	2023683	18.05.2011	2023683	Nokia Solutions and Networks Oy
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2007P03110WOIN	31.07.2008	772/DELNP/2010				Nokia Siemens Networks Oy
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2007P03923EP	30.10.2007	07119645.5	2056515			Nokia Solutions and Networks Oy
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2007P04166EP	13.11.2007	07022036.3	2061212			Nokia Solutions and Networks Oy
2007P04166WOAU	30.10.2008	2008323081		03.04.2014	2008323081	Nokia Solutions and Networks Oy
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2007P04166WOCN	30.10.2008	200880116575.2	101855890	16.04.2014	101855890	Nokia Solutions and Networks Oy

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Nokia Solutions and Networks Oy

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2007P0416W0ZA	30.10.2008	2010/02340		29.12.2010	2010/02340	Nokia Siemens Networks Oy
2007P04291 US01	26.11.2008	12/315,128	2009-0156208			Nokia Solutions and Networks Oy
2007P04291WE	26.11.2008	088551.16.3	2229796			Nokia Solutions and Networks Oy
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2008P00892WE	26.03.2009	09724253.1	2260664			Nokia Solutions and Networks Oy
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2008P01741 US02	19.02.2013	13/770,384	2013-0163546	14.10.2014	8861472	Nokia Solutions and Networks Oy
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Schedule I
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Nokia Solutions and Networks Oy

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2010P01813 US02	28.09.2011	14/558.083				Nokia Siemens Networks Oy
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Schedule I
Nokia Solutions and Networks Oy

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2011P01131WOCN	16.07.2012	201280038854.8	103733688			Nokia Solutions and Networks Oy

PATENT

RECORDED: 04/15/2015

REEL: 035414 FRAME: 0071