

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4635184

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR'S NAME OF ASHRAF, ALI SHEHZAD previously recorded on Reel 042970 Frame 0001. Assignor(s) hereby confirms the CORRECT ASSIGNOR'S NAME IS ASHRAF, SHEHZAD ALI.

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15154403

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**Total Attachments: 149**

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EPAS ID: PAT4476035

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

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(hereinafter referred to as "Assignor(s)") in favor, and for the benefit and behoof of, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at SE-164 83 Stockholm, Sweden (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do hereby 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 following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including Sweden, the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part, conversions and utility



## ASSIGNMENT

models of said application(s), 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, Patents and Utility Models may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made:

### NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country Code	Priority Application(s)	Filing Date(s)
US	15/154403	5/13/2016
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		--

The Effective date is the earliest date of the above listed Filing Date(s).

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letter Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor(s). Assignor(s) hereby request that said Letters Patent, Patent or Utility Model be issued to Assignee as the Assignee of said inventions, the Letters Patent, Patent or Utility Model to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

The Assignor(s) and Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the assignor.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of the Effective Date, the Assignor(s) were the sole and lawful owners of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent or Utility Models above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors,

### ASSIGNMENT

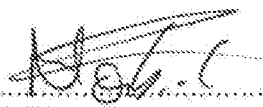
legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application(s) for Letters Patent or Utility Model, or any proceeding in connection with Letters Patent or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion or Utility Model of any application(s) for Letters Patent or Utility Model, 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 or Utility Model 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. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:  
**United States**

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Subsequent assignment from any of the assignors to the assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

Date 2017-05-10 Signature on behalf of  Nabil Ayoub  
Assignee

Patent Unit Director

ASSIGNMENT

COMMUNICATIONS NETWORK

Date 2016 11 14

Signature of Assignor

*[Handwritten Signature]*  
ABRAHAMSSON, Richard

Date 2016-11-14

Witnessed by

*[Handwritten Signature]*

Name:

Niklas Wernersson

Address:

Tunvägen 14

17068 Södra

Sweden

Date 2016-11-14

Witnessed by

*[Handwritten Signature]*

Name:

AGNES RENSFELT

Address:


PERINGSKIÖLÖSV. 43

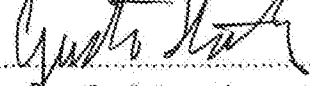
168 56 BROMMA

SWEDEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 14.11.2016 ..... Signature of Assignor   
AKTAS, Ismet

Date: 2016-11-14 ..... Witnessed by   
Name: Guido R. Hiertz  
Address: Heissbergstr. 3  
52066 Aachen  
Germany

Date: 2016-11-14 ..... Witnessed by   
Name: Torsten Dueden  
Address: Konigsf. 19a  
52064 Aachen  
Germany

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor Peter Alriksson  
ALRIKSSON, Peter

Date 2016-11-14 Witnessed by Tom Nilsson  
Name: THOMAS NILSSON  
Address: STORA FÖRSTADSG. 9D  
214 20 MALMÖ  
SWEDEN

Date 2016-11-14 Witnessed by Rocco Di Taranto  
Name: ROCCO DI TARANTO  
Address: STORA SIGRIDS GATAN 7  
22350 LUND  
SWEDEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 19.11.2016 Signature of Assignor *Ansari*  
ANSARI, Junaid

Date 14.11.2016 Witnessed by *T. Dudder*  
Name: Torsten Dudder  
Address: Königsstr. 149  
52064 Aachen  
Germany

Date 14.11.2016 Witnessed by *Reem Kayaki*  
Name: ~~Waldbacher Huble~~ Reem Kayaki  
Address: Waldbacher Huble 57  
52074 Aachen  
Germany

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

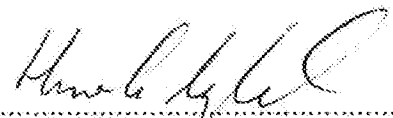
Date 14/11/2016 Signature of Assignor Shehzad Ali  
ASHRAF, Shehzad Ali

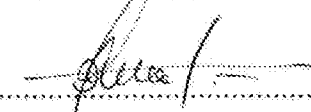
Date 14/11/2016 Witnessed by T. Duddle  
Name: Torsten Duddle  
Address: Königsstr. 19a  
S2064 Aachen  
Germany

Date 14/11/2016 Witnessed by R Karaki  
Name: Reem Karaki  
Address: Wildbacher Mühle 57  
S2074 Aachen  
Germany

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
ASPLUND, Henrik

Date 2016-11-14 Witnessed by   
Name: Maksym Ginyk  
Address: Professorslingan 37  
114 17 Stockholm  
Sweden

Date 2016-11-14 Witnessed by   
Name: Niklas Wernersson  
Address: Tunn. 14  
170 68 Solna  
Sweden



## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-22 Signature of Assignor Frederik Athley  
ATHLEY, Fredrik

Date 2016-11-22 Witnessed by Jingya Li  
Name: JINGYA LI  
Address: Stenbocksgatan 5  
41758 Göteborg  
Sweden

Date 2016-11-22 Witnessed by Guilla Sjöstöm  
Name: Guilla Sjöstöm  
Address: Björstigen 10  
41729 Göteborg  
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

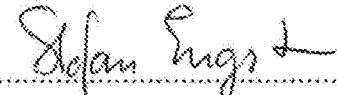
Date 2016-11-17 Signature of Assignor

  
.....  
AXELSSON, Håkan

Date 2016-11-17 Witnessed by

Name:

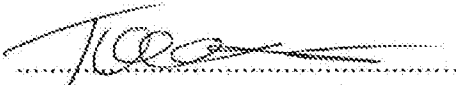
Address:

  
.....  
Stefan Engström  
.....  
Värbruksgatan 69  
.....  
58332 Linköping  
.....  
Sweden  
.....

Date 2016-11-17 Witnessed by

Name:

Address:

  
.....  
Tobias Ahlström  
.....  
Söbelstigen 29  
.....  
59072 Lungsbro  
.....  
Sweden  
.....

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-01-20

Signature of Assignor

*[Handwritten signature of Joakim Axmon]*  
AXMON, Joakim

Date 2017-01-20

Witnessed by

Name:

Address:

*[Handwritten signature]*  
Rafael Vester  
Randersg. 24  
25440 Helsingborg  
Sweden

Date 2017-01-20

Witnessed by

Name:

Address:

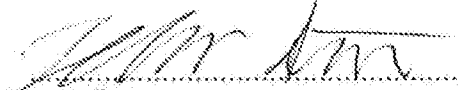
*[Handwritten signature]*  
Mårten Åkerman  
Klubbgatan 73  
212 29 MALMÖ  
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

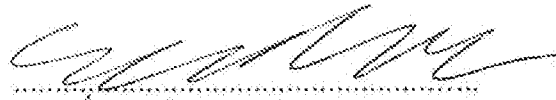
Date 2016-12-06

Signature of Assignor

  
AXNÄS, Johan

Date 2016-12-06

Witnessed by



Name:

Sebastian Faxer

Address:

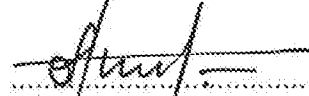
Barkarbys v. 93D

177 44 Järfälla

SWEDEN

Date 2016-12-06

Witnessed by



Name:

Maksym Girnyk

Address:


Professorsslingan 37

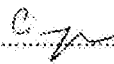
11417 Stockholm

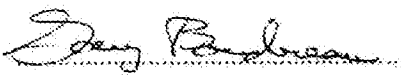
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 5/8/2017 Signature of Assignor   
BALACHANDRAN, Kumar

Date 5/8/2017 Witnessed by   
Name: VIGNIL CIMPU  
Address: 23 SAFAHS FOREST LL  
OTTAWA, ON, K2G 6B2  
CANADA

Date 5/8/2017 Witnessed by   
Name: GARY BOUDREAU  
Address: 38 SLADE CR.  
KANATA, ONT.  
K2K 2K9, CANADA

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-14

Signature of Assignor

BALDEMAIR, Robert

Date: 2016-11-14

Witnessed by

Name:

Chenguang Lu

Address:

Betasvägen 13

19163 Sollentuna

Sweden

Date: 2016-11-14

Witnessed by

Name:

MIGUEL BERG

Address:

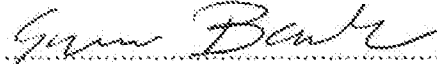
Karpgränd 5

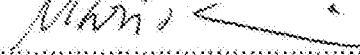
194 67 Upplands Väsby


SWEDEN

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
BARK, Gunnar

Date 2016-11-14 Witnessed by   
Name: \_\_\_\_\_  
Address: **Maria Strängberg**  
Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

Date 2016-11-14 Witnessed by   
Name: **Håkan Hallqvist**  
Address: Nordanvindsvägen 7  
SE-58272 Linköping, SWEDEN  
Ph +46 10 711 4401

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 21/11-2016

Signature of Assignor

Jan-Erik Berg  
BERG, Jan-Erik

Date 21/11-2016

Witnessed by

David Samuelsson

Name:

DAVID SAMUELSSON

Address:

LÅNGSELERINGEN 1

162 53 VÄLLINGBY

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Date 21/11-2016

Witnessed by

Therese Samuelsson

Name:

THERESE SAMUELSSON

Address:

LÅNGSELERINGEN 1

162.53 VÄLLINGBY

SWEDEN

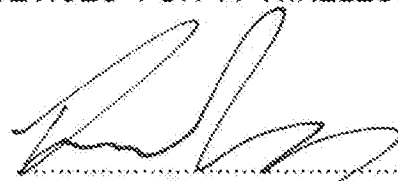


ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK


Date 2016-12-01

Signature of Assignor

  
BERGSTROM, Andreas

Date 2016-12-01

Witnessed by



Name:

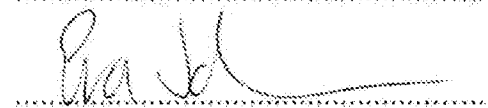
Håkan Hallqvist

Address:

Nordavindsvägen 7  
SE-58272 Linköping, SWEDEN  
Ph +46 10 711 4401

Date 2016-12-01

Witnessed by



Name:

Eva Johannesson

Address:

Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

# ASSIGNMENT

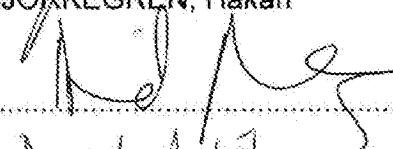
Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor

  
BJÖRKEGREN, Håkan

Date 2016-11-14 Witnessed by

Name:

  
David Artely

Address:

Stobaenvägen 22

168 56 Bromma

Sweden

Date 2016-11-14 Witnessed by

Name:

  
Mikael Höök

Address:

Bogserbyvägen 15A


191 34 Solentuna


SWEDEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

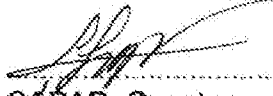
Date 21.04.2017 Signature of Assignor Nadia  
BRAHMI, Nadia

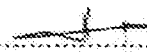
Date 21.04.2017 Witnessed by   
Name: LLATSER MARTI, IGNACIO  
Address: MOLTKESTR. 67  
31135 HILDESHEIM  
GERMANY

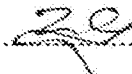
Date 21.04.2017 Witnessed by   
Name: Püschel, Arne  
Address: Schaumburgstr. 23  
38176 Braunschweig  
Germany

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 03/01/2017 Signature of Assignor   
CAPAR, Cagatay

Date 03/01/2017 Witnessed by   
Name: EYYUP CAPAR  
Address: TOROS MAH. 78041 SK.  
5/5 CUKUROVA  
ADANA, TURKEY 01170

Date 03/01/2017 Witnessed by   
Name: ZELIHA CAPAR  
Address: TOROS MAH. 78041 SK.  
5/5 CUKUROVA  
ADANA, TURKEY 01170

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14

Signature of Assignor

*[Handwritten Signature]*  
CARLSSON, Anders

Date 2016-11-14

Witnessed by

*[Handwritten Signature]*

Name:

Daniel Eckerbost

Address:

Rotgatan 27  
275 39 Sjöbo  
Sweden

Date 2016-11-14

Witnessed by

*[Handwritten Signature]*

Name:

Henrik Fredriksson

Address:

Ladugårdsmarken 421  
225 91 Lund  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-16 Signature of Assignor: *Andreas Cedergren*  
CEDERGREN, Andreas

Date: 2016-11-16 Witnessed by: *Fredrik Nordström*  
Name: Fredrik Nordström  
Address: Lilla Tvärg. 16A  
22353 Lund  
Sweden

Date: 2016-11-16 Witnessed by: *Lars Björkman*  
Name: LARS BJÖRKMAN  
Address: BELLEVOUE 41A  
217 72 MALMÖ  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 8/12-2016 Signature of Assignor: [Signature] COLDREY, Mikael

Date: 2016-12-08 Witnessed by: [Signature] Name: LIVIA CEROUJ Address: LINDHOLMSÄLLEN 57 41753 GÖTEBORG SWEDEN

Date: 2016-12-08 Witnessed by: [Signature] Name: David Engdal Address: Värbäcksv. 14 423 33 Torsholma Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 30<sup>th</sup> November 2016 Signature of Assignor: *Ugo Leonach*  
DA SILVA, Icaro L. J.

Date: 30<sup>th</sup> November 2016 Witnessed by: *Florian Mattes*  
Name: *MATTEO FLORIAN*  
Address: *STORAN 72A*  
*SOLNA, SWEDEN*

Date: 30<sup>th</sup> November 2016 Witnessed by: *Muhammad*  
Name: *MUHAMMAD KAZMI*  
Address: *SKRIVARETTAV 7*  
*179 64 SUNDBY BERG*  
*SWEDEN*

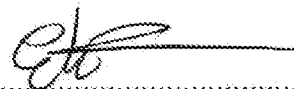


### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-01-04

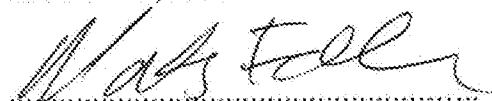
Signature of Assignor



DAHLMAN, Erik

Date 2017-01-04

Witnessed by



Name:

Mats Folke

Address:

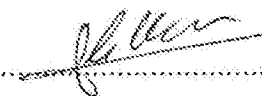
Rabattuägen 13

SE-16243 Vällingby

SWEDEN

Date 2017-01-04

Witnessed by



Name:

Johnny Krosst

Address:

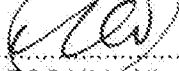
Beaflekkyrån 84

15775 Sollebo


Swazje

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 14/11/2016 Signature of Assignor   
EL ESSAILI, Ali

Date 14/11/2016 Witnessed by Congchun Zhang  
Name: Congchun Zhang  
Address: Mattesser Str. 24  
52062 Aachen  
Germany

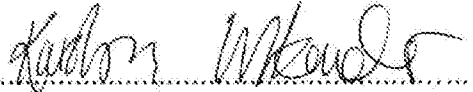
Date 14/11/2016 Witnessed by   
Name: John Camilo Solano Arenas  
Address: Büsch. 19  
52064 Aachen  
Germany

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date Nov 16, 2016 Signature of Assignor   
ENGSTROM, Ulrika

Date Nov 16, 2016 Witnessed by Jingya Li  
Name: JINGYA LI  
Address: Stenbocksgatan 5  
41758, Göteborg  
Sweden

Date Nov 16, 2016 Witnessed by   
Name: Karolina Wikander  
Address: Liljekullagatan 22c  
41274 GÖTEBORG  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2017-01-23 Signature of Assignor ERICSON, Märten

Date: 2017-01-23 Witnessed by Name: KRISTOFR SANDLUND Address: LNU KONSTITUEN 29 97333 LULEÅ SWEDEN

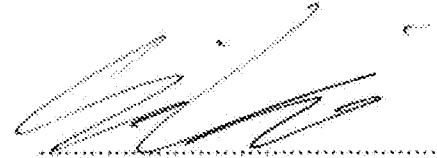
Date: 2017-01-23 Witnessed by Name: Jan Christoffersson Address: Stenåsv 13 8 975 61 Luleå Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-18

Signature of Assignor



ERIKSSON, Erik

Date 2016-11-18

Witnessed by



Name:

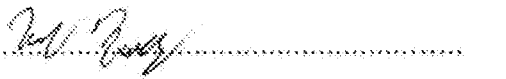
**Eva Johannesson**

Address:

Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

Date 2016-11-18

Witnessed by



Name:

M. Berglund

Address:

Allmogestras 102  
58333 Linköping  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2017-02-15 Signature of Assignor: Mikael Fallgren  
FALLGREN, Mikael

Date: 2017-02-15 Witnessed by: [Signature]  
Name: Andrés Laya  
Address: Torbjörn Klekaes gata 6  
11330 Stockholm  
Sweden

Date: 2017-02-15 Witnessed by: [Signature]  
Name: OSAMA AL-SARDET  
Address: Kungshamra 81  
Solna 170 70  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date...2016/11/14..... Signature of Assignor Fan Rui  
 ..... FAN, Rui

Date...2016/11/14..... Witnessed by Li Shaohua  
 .....

Name: Li Shaohua

Address: No 5, Lize East Street, Chaoyang District, Beijing, China, 100102.....

Date...2016/11/14..... Witnessed by Ming Li  
 .....

Name: Ming Li

Address: No 5, Lize East Street, Chaoyang District, Beijing, China, 100102.....

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-NOV-14

Signature of Assignor

FODOR, Gabor

Date: 2016-NOV-14

Witnessed by

Name:

Rama Al-Saadah

Address:

Kungshamra 31 lgh 1021  
170 70 SOLNA  
Sweden.

Date: 2016-NOV-14

Witnessed by

Name:

Johnny Kevant

Address:

Bygghallen 84  
152 75 Solna

Suzj



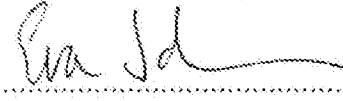
### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-14 Signature of Assignor

  
FRENGER, Pål

Date: 2016-11-14 Witnessed by



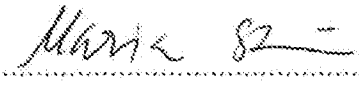
Name:

**Eva Johansson**

Address:

Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

Date: 2016-11-14 Witnessed by



Name:

**Maria Strängberg**

Address:

Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-14

Signature of Assignor

*Jonas Friden*  
FRIDÉN, Jonas

Date: 2016-11-14

Witnessed by

*Bo Granstam*

Name:

Bo Granstam

Address:

P.O. #  
428 37 Källered  
Sweden

Date: 2016-11-14

Witnessed by

*Henrik Hallberg*

Name:

Henrik Hallberg

Address:

Johannes Barcus v. 2  
437 41 Lindome  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

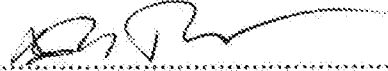
Date 2016-11-14 Signature of Assignor *Jonas Fröberg Olsson*  
 FRÖBERG OLSSON, Jonas

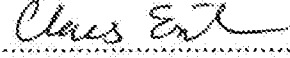
Date 2016-11-14 Witnessed by *Maria*  
 Name: \_\_\_\_\_  
 Address: **Maria Strängberg**  
 Uttergatan 21  
 SE-587 23 Linköping, Sweden  
 Ph +46 10 714 86 23

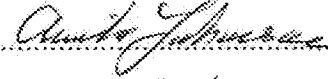
Date 2016-11-14 Witnessed by *Eva Johansson*  
 Name: \_\_\_\_\_  
 Address: **Eva Johansson**  
 Landeryd Sörholmen 2  
 SE-585 93 Linköping, Sweden  
 Ph +46 10 716 39 63

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

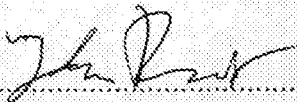
Date 21 Nov 2016 Signature of Assignor   
FURUSKÄR, Anders

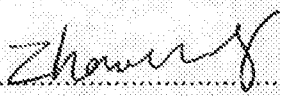
Date 21 Nov 2016 Witnessed by   
Name: Claes Eriksson  
Address: Elisby vägen 8  
SE-162 70 VILLINGBY  
SWEDEN


Date 21 nov 2016 Witnessed by   
Name: Annika Johansson  
Address: Esplundagränd 90  
124 72 Bandhagen  
Sweden

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-17 Signature of Assignor   
 FURUSKOG, Johan

Date 2016-11-17 Witnessed by   
 Name: ZHAO WANG  
 Address: Anebers Lunelströms Gata 9  
16973 Solna  
Sweden

Date 2016-11-17 Witnessed by   
 Name: Miguel López  
 Address: Fridensborgsv. 24  
17069 Solna  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date...2016-11-14...

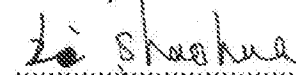
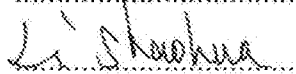
Signature of Assignor

  
GARCIA Virgile

Date... 2016-11-14.....

Witnessed by

Name:

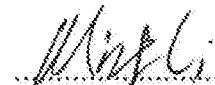

Address:

ERICSSON TOWER 2.....  
... No.5 Lize East Street, Chaoyang District, Beijing, China.....

Date..... 2016-11-14...

Witnessed by

Name:

Address:

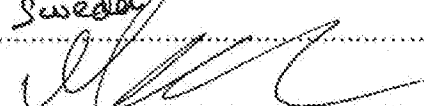
ERICSSON TOWER 2.....  
... No.5 Lize East Street, Chaoyang District, Beijing, China.....

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 08-02-2017 Signature of Assignor Ather Gattami  
 GATTAMI, Ather

Date 08-02-2017 Witnessed by Mathias Edman  
 Name: Brantingsgatan 35  
 Address: 11535 Stockholm  
Sweden



Date 08-02-2017 Witnessed by STEFAN STÅL  
 Name: FORMBRODSVÄGEN 2  
 Address: 12869 SKÖNDAL  
Sweden



ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-05-10 Signature of Assignor



GUNNARSSON, Fredrik

Date 2017-05-10 Witnessed by



Anders Helmersson

Name:

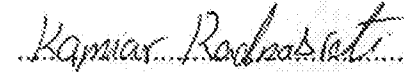
Spångervägsgränd 33

Address:

587 25 Linköping

Sweden

Date 2017-05-10 Witnessed by



Name:

KAMAL RADNOSRATI

Address:

Videgatan 1B, LKH 1003


582 47 Linköping


Sweden



ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-12-05 Signature of Assignor   
GUSTAVSSON, Ulf

Date 2016-12-05 Witnessed by   
Name: Astrid Agaba Brazález  
Address: Bäckegatan 20  
713 16 Göteborg  
Sweden

Date 2016-12-05 Witnessed by   
Name: Florent Mupfema  
Address: Fredagstamten 2  
42653 Västra Frölunda  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14

Signature of Assignor

*[Signature]*  
HAGERMAN, Bo

Date 2016-11-14

Witnessed by

*[Signature]*  
JAN-ERIK THALLBERG

Name:

Address:

RINDVÄGEN 87 B  
11861 STOCKHOLM  
SWEDEN

Date 2016-11-14

Witnessed by

*[Signature]*

Name:

Address:

RICKVÄG CÖSTER  
KRISTALLVÄGEN 75  
12671 HÄGERSTEN  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-12-05 Signature of Assignor [Signature] HARRYSSON, Fredrik

Date: 2016-12-05 Witnessed by [Signature] Name: Mona Harhami Address: Fridkullagatan 18E, 1201 41262 Gothenburg Sweden

Date: 2016-12-05 Witnessed by [Signature] Name: TORAJON ELFSJON Address: Torpa Huset Väg 5 439 74 Fårås Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK


Date 2016-11-28 Signature of Assignor [Signature]  
HE, Ning

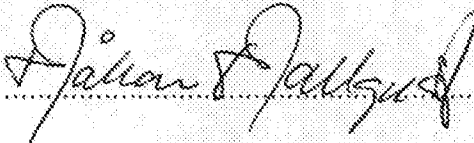
Date 2016-11-28 Witnessed by Miguel M Lopez  
Name: Miguel Lopez  
Address: Fridensborgsv. 24  
170 69 Solna  
Sweden

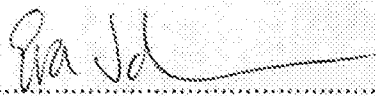
Date 2016-11-28 Witnessed by [Signature]  
Name: Ali Behrouz  
Address: Robert Almström 3  
11336 Stockholm  
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

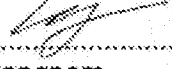
Date 2016-11-14 Signature of Assignor   
HESSLER, Martin

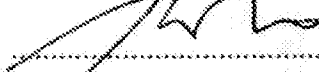
Date 2016-11-14 Witnessed by   
Name: **Håkan Hallqvist**  
Address: Nordanvindsvägen 7  
SE-58272 Linköping, SWEDEN  
Ph +46 10 711 4401

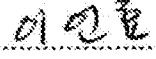
Date 2016-11-14 Witnessed by   
Name: **Eva Johansson**  
Address: Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK


Date 05/09/2017 Signature of Assignor   
HONG, Songnam

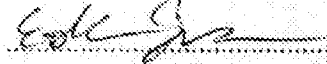
Date 05/09/2017 Witnessed by   
Name: Kim, Taeun  
Address: Gwanggyomaeulro 62  
4203-2301  
Gyeonggi-do, Yong-in

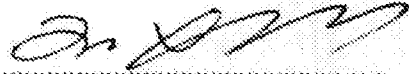
Date 05/09/2017 Witnessed by   
Name: Lee, In-hyo  
Address: Shinda-Branew 101-703  
Chang-5-dong, Dobong-gu  
Seoul, South Korea

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date May 9, 2017 Signature of Assignor   
HUI, Dennis

Date May 9, 2017 Witnessed by   
Name: Eskel Jorgensen  
Address: 3570 Monroe St  
Santa Clara, 95051 CA

Date May 9, 2017 Witnessed by   
Name: Xingpin Lin  
Address: 130 Descance Dr  
San Jose CA 95134

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 30.11.16 Signature of Assignor HUSCHKE, Jörg

Date 30.11.2016 Witnessed by Reem Kawaki, W. H. Bachle Mühle 53, 52074 Aachen, Germany

Date 30.11.2016 Witnessed by Torsten Dold, Königsstr 19, 52064 Aachen, Germany

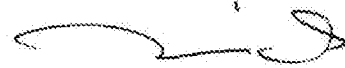


### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 23.3.17

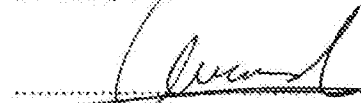
Signature of Assignor



IRNICH, Tim

Date 23.3.17

Witnessed by



Name:

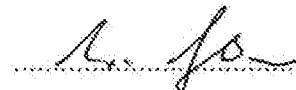
JOSE LAUSUCH

Address:

Vaalserstr. 72, 52064  
Aachen, Germany

Date 23.02.17

Witnessed by



Name:


Michael Geise

Address:

Foresberger Str. 63  
52134 Holzlar, Gerney

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-14 ..... Signature of Assignor .....  
  
 JACOBSSON, Sven

Date: 2016-11-14 ..... Witnessed by .....  
 Name: JINGYA LI .....  
 Address: Stenbocksgatan 5 .....  
 417 58, Göteborg .....  
 Sweden .....

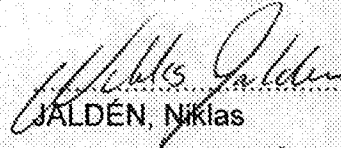
Date: 2016-11-14 ..... Witnessed by .....  
 Name: COLETTE O'HEARA .....  
 Address: FYRVECKAREGATAN 89 .....  
 413 21 GÖTEBORG .....  
 Sweden .....

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

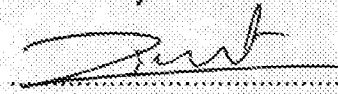
Date 16/11 - 2016

Signature of Assignor

  
JALDÉN, Niklas

Date 16/11 - 2016

Witnessed by



Name:

Vicent Nallo's Cases

Address:

Emmylundsvägen 4,

1512 121 72 Solna

Sweden

Date 16/11 - 2016

Witnessed by



Name:

Nafiseh Shariati

Address:

Järva Skjutbaneväg 58

Solna 17062

Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

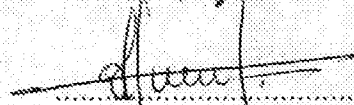
Date 2016-11-15

Signature of Assignor

  
JARMYR, Siron

Date 2016-11-15

Witnessed by



Name:

Maksym Girnyk

Address:

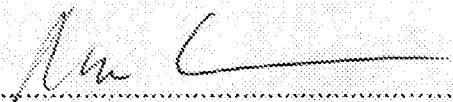
Professorslingan 37

114 17 Stockholm

Sweden

Date 2016-11-15

Witnessed by



Name:

Niklas Wernersson

Address:

Tunn. 14

170 68 Solna

Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016/11/15 Signature of Assignor Jiang Zhiyuan  
JIANG, Zhiyuan

Date 2016-11-15 Witnessed by Li Shaoxue  
Name: Li Shaoxue

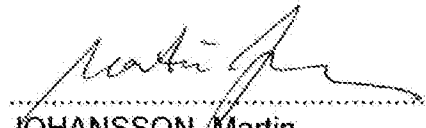
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China


Date 2016-11-15 Witnessed by Ming Li  
Name: Ming Li

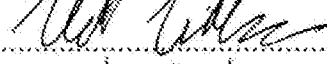
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-28 Signature of Assignor   
 JOHANSSON, Martin

Date 2016-11-28 Witnessed by   
 Name: Astrid Algaba Brasáñez  
 Address: Bäcktegatan 2a  
41316 Göteborg  
Sweden

Date 2016-11-28 Witnessed by   
 Name: Henrik Lidhage  
 Address: Västra Eklanda Höjd 8  
43159 Mälndal  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-12-03 Signature of Assignor

*Niklas Johansson*  
JOHANSSON, Niklas

Date 2016-12-03 Witnessed by

*Borje Persson*

Name:

Borje Persson

Address:

Ringa 315  
82694 Norrala  
SWEDEN

Date 2016-12-03 Witnessed by

*Birgitta Persson*

Name:

Birgitta Persson


Address:

Ringa 315  
82694 Norrala  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-01-04 Signature of Assignor   
KANG, Du Ho

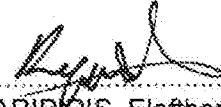
Date 2017-01-04 Witnessed by   
Name: Dung Phau Van  
Address: Torpangragen 3, 187 63, Täby  
Sweden

Date 2017-01-04 Witnessed by   
Name: OSAMA AL-SAADEH  
Address: Kungsholmen 31  
170 70, Solna  
Sweden



ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

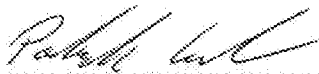
Date 2016-11-16 Signature of Assignor   
KARIPIDIS, Eleftherios


Date 2016-11-16 Witnessed by   
Name: Roy Tino  
Address: Furstgärdegatan 20  
Stockholm  
112 51 Sweden

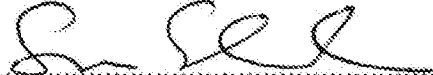
Date 2016-11-16 Witnessed by   
Name: Oskar Nordmark  
Address: Krokvägen 6  
175 47 Järställa  
Sweden

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
KARLSSON, Patrik

Date 2016-11-14 Witnessed by   
Name: Håkan Eriksson  
Address: Tjärhovsgatan 6  
116 21 Stockholm  
Sweden

Date 2016-11-14 Witnessed by   
Name: Sven Ekemark  
Address: Aspdungevägen 5  
743 40 Storvret  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date May 2, 2017 Signature of Assignor Ali S. Khayrallah  
KHAYRALLAH, Ali S.

Date 5/9/17 Witnessed by [Signature]  
Name: May Feng  
Address: 3645 Braich Way  
Santa Clara  
CA 95051

Date 5/9/17 Witnessed by [Signature]  
Name: Estel Jigones  
Address: 3370 Monroe St  
Santa Clara, 95051 CA

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

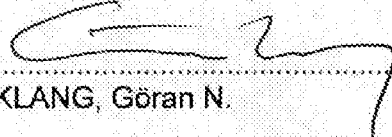
Date 20161114 ..... Signature of Assignor *Caner Kilinc*  
KILINC, Caner

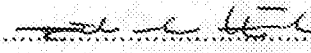
Date 20161114 ..... Witnessed by *Mats Nordberg*  
Name: *Mats Nordberg*  
Address: *Duvhöggränd 10*  
*97455 LULEÅ*  
*SWEDEN*

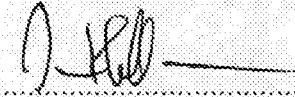
Date 20161114 ..... Witnessed by *Magnus Thunbjell*  
Name: *Magnus Thunbjell*  
Address: *Trollnäs vägen 30*  
*972 51 Luleå*  
*Sweden*

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
 KLANG, Göran N.

Date 2016-11-14 Witnessed by   
 Name: Mikael Höök  
 Address: Bagerbyvägen 152  
19134 Sollentuna  
SWEDEN

Date 20161114 Witnessed by   
 Name: JAN HÖLLER  
 Address: LAPPVÄGEN 12  
181 51 LIDINGÖ  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

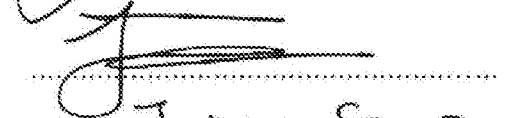
Date 10/5-17

Signature of Assignor

  
KRONANDEE, Jonas

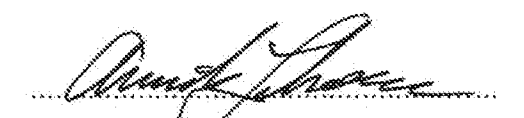
Date 10/5-17

Witnessed by

  
Name: Johan Söder  
Address: Ringv. 86  
11860 Gårma  
Sweden

Date 10/5-17

Witnessed by

  
Name: Annika Johanson  
Address: Esplundgr. 90  
12472 Banahagen  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 20170214

Signature of Assignor

*Sara Landström*  
LANDSTRÖM, Sara

Date 20170214

Witnessed by

*Elisabeth Englund*

Name:

ELISABETH ENGLUND

Address:

TÄDÖRVÄGEN 23

19251 SOLLENTUNA

SWEDEN

Date 20170214

Witnessed by

*Antti Keintola*

Name:

ANTTI KEINTOLA

Address:

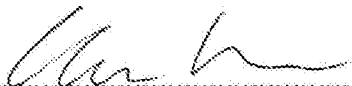
STYRBOARDSGATAN 13

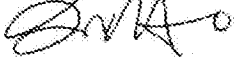
12065 STOCKHOLM

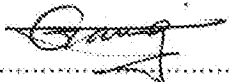
SWEDEN

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 08-12-16 Signature of Assignor   
LARSSON, Christina

Date 08-12-16 Witnessed by   
Name: Lei Bao  
Address: Framnäsgränd 6  
412 64 Göteborg  
Sweden

Date 2016-12-08 Witnessed by   
Name: Yinggang Li  
Address: Gamla Särövägen 89 B  
436 40 Askim  
Sweden



### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-15 Signature of Assignor Li Gen  
LI, Gen

Date 2016-11-15 Witnessed by Li Shaoqun  
Name: Li Shaoqun  
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China

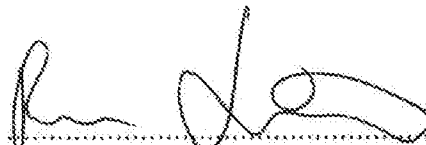
Date 2016-11-15 Witnessed by Ming Li  
Name: Ming Li  
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-15

Signature of Assignor



LINCOLN, Bo

Date: 2016-11-15

Witnessed by

Marianne Ekner

Name:

Marianne Ekner

Address:

Terupsgatan 1A

217 73 Malmö

Sweden

Date: 2016-11-15

Witnessed by

Fredrik Nordström

Name:

Fredrik Nordström

Address:

Lilla Tvärg 16A

223 53 Lund

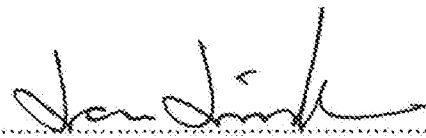
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14

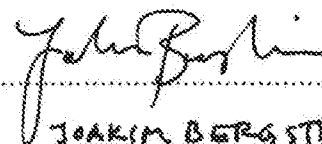
Signature of Assignor



LINDBOM, Lars

Date 2016-11-14

Witnessed by



Name:

JOAKIM BERGSTRÖM

Address:

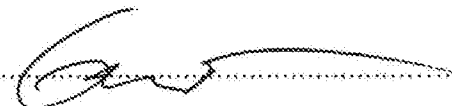
ERIKS BERGSGATAN 42

114 30 STOCKHOLM

SWEDEN

Date 2016-11-14

Witnessed by



Name:

DIRK GERSTENBERGER

Address:

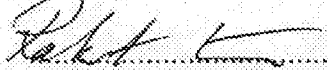
FLEMINGGATAN 54


11245 STOCKHOLM

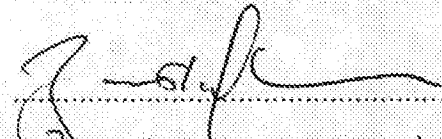
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

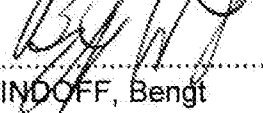
Date: 2016-11-15 Signature of Assignor:   
 LINDGREN, Robert


Date: 2016-11-15 Witnessed by:   
 Name: Lars Skog  
 Address: Trädgårdsg. 60B  
43135 Mölndal  
Sweden

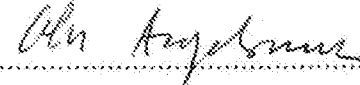
Date: 2016-11-15 Witnessed by:   
 Name: Jan-Olof CARLSSON  
 Address: BRÄNNÅSVÄGEN 45  
43133 MÖLNDAL  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
 LINDOFF, Bengt

Date 2016-11-14 Witnessed by   
 Name: Stefan Andersson  
 Address: Sandbyvägen 8  
247 97 Flyings  
Sweden

Date 2016-11-14 Witnessed by   
 Name: OLA AXELMARK  
 Address: ANDERS STRÅLS V. 22  
271 57 9570  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-16

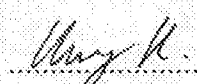
Signature of Assignor



LINDQVIST, Fredrik

Date 2016-11-16

Witnessed by



Name:

Kittipong Kittichokechai

Address:


Sankt Göransgatan 112

11245 Stockholm

Sweden

Date 2016-11-16

Witnessed by



Name:

David Astely

Address:

Stobaenivägen 22

168 56 Bromma

Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-15 Signature of Assignor *[Signature]*  
LIU, Jinhua

Date 2016-11-15 Witnessed by *[Signature]*  
Name: *[Signature]*  
Address: No.5, Lize East Street, Chaoyang District, Beijing, China

Date 2016-11-15 Witnessed by *[Signature]*  
Name: *[Signature]*  
Address: No.5, Lize East Street, Chaoyang District, Beijing, China

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 1.12.16 ..... Signature of Assignor .....  
LOHMAR, Thorsten

Date: 1.12.16 ..... Witnessed by .....  
Name: M. Nabil .....  
Address: Mohamed Ibrahim .....  
Bismarck str. 199 .....  
52066 .....  
Aachen, Germany

Date: 1.12.16 ..... Witnessed by .....  
Name: RAMSUNDAR BANDASAMY .....  
Address: Oberstr. 20 .....  
52070 .....  
Aachen, Germany



# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

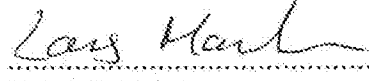
Date 2016-11-16 Signature of Assignor *Qianxi Lu*  
LU, Qianxi


Date 2016-11-16 Witnessed by *Li Shasha*  
Name: *Li Shasha*  
Address: *Princeton Tower 2, No. 5, Lize*  
*East Street, Chaoyang District*  
*Beijing, China.*


Date 2016-11-16 Witnessed by *Keya Li*  
Name: *Keya Li*  
Address: *Princeton Tower 2, No. 5 Lize*  
*East Street, Chaoyang District*  
*Beijing, China.*

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-12-05 Signature of Assignor   
MANHOLM, Lars

Date: 2016-12-05 Witnessed by   
Name: Astrid Algeba Brändén  
Address: Birkögatan 20  
4316 Göteborg  
Sweden

Date: 2016-12-05 Witnessed by   
Name: LIVIA CERULLO  
Address: LINDHOLMSÄLLEN 57  
41753 GÖTEBORG  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 5/6/2017 Signature of Assignor Ivana Maric  
MARIC, Ivana

Date 5/6/2017 Witnessed by Mariangela Jacobellis  
Name: MARIANGELA JACOBELLIS  
Address: 246 TWINLAKE DRIVE  
SUNNYVALE, 94089  
CALIFORNIA

Date 5/6/2017 Witnessed by Andrea Montanari  
Name: ANDREA MONTANARI  
Address: 1025 MERIDIAN RD  
927 GOTTRELL WAY  
STANFORD, CA 94304

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 24 Nov 2016

Signature of Assignor

MEDBO, Johas

Date 24 Nov 2016

Witnessed by

Name:

Saeed Khanogha

Address:

Vijfabrugstraat 320

Rotterdam

The Netherlands

Date 24 Nov 2016

Witnessed by

Maxim Teslenko

Name:

Maxim Teslenko

Address:

Lilles v 80

Sollekenä 192701

Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor *Miao Qingyu*  
 MIAO, Qingyu

Date 2016-11-14 Witnessed by *Li Shaohua*  
 Name: *Li Shaohua*  
 Address: Ericsson Tower  
 No.5, Lize East street, Chaoyang,  
 Beijing China

Date 2016-11-14 Witnessed by *Ming Li*  
 Name: *Ming Li*  
 Address: Ericsson Tower  
 No.5, Lize East street, Chaoyang,  
 Beijing China

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 21/12 - 2016

Signature of Assignor



MILDH, Gunnar

Date 21/12 - 2016

Witnessed by

Matteo Fiorani

Name:

Matteo Fiorani

Address:

Storgatan 72A

141 72 Soina

Sweden

Date 21/12 - 2016

Witnessed by



Name:

Oscar Ohlsson

Address:

Skånegatan 113


116 35 Stockholm

Sweden

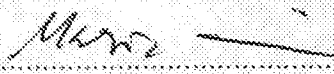
# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date... 2016 - 11 - 14 ..... Signature of Assignor

  
MOOSAVI, Reza

Date... 2016 - 11 - 14 ..... Witnessed by




Name:

Address:

**Maria Strångberg**  
Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

Date... 2016 - 11 - 14 ..... Witnessed by



Name:

Address:

**Eva Johannesson**  
Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016/11/21 Signature of Assignor Walter Müller  
MÜLLER, Walter


Date 2016/11/21 Witnessed by Henrik Egneil  
Name: Henrik Egneil  
Address: Brodyrv. 9  
754 54 Uppsala  
SWEDEN

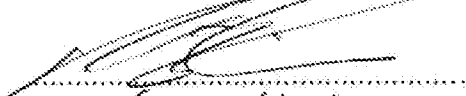
Date 2016/11/21 Witnessed by Mats Åhlander  
Name: Mats Åhlander  
Address: Biblioteksgången 8  
18370 Täby  
Sweden

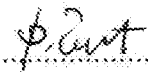


### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
 MYHRE, Elena

Date 14/11-16 Witnessed by   
 Name: Johan Wiesel  
 Address: Liljegatan 4D  
753 24 UPPSALA  
Sverige

Date 2016-11-14 Witnessed by   
 Name: FILIP BARA  
 Address: BARBARA ALVINGS GATA 23  
123 57 HÄGERSTEN  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

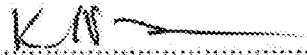
Date: 2016-11-14 Signature of Assignor  
NILSSON, Johan

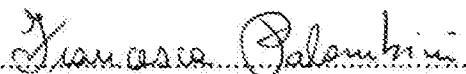
Date: 2016-11-14 Witnessed by  
Name: Marianne Ekner  
Address: Torupsgatan 1A  
217 73 Malmö  
Sweden


Date: 2016-11-14 Witnessed by  
Name: Fredrik Tillman  
Address: Kvitgränden 5B  
226 49 Lund  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-22 Signature of Assignor   
NORRMAN, Karl

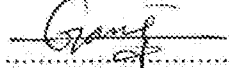
Date 2016-11-22 Witnessed by   
Name: FRANCESCA PALOMBINI  
Address: HANSTAVAGEN 51-1636  
16.653 KISTA  
SWEDEN

Date 2016-11-22 Witnessed by   
Name: PASI SAARINEN  
Address: SLIPGATAN 7 164121  
11739 STOCKHOLM  
SWEDEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-09 Signature of Assignor:   
OLSSON, Bengt-Erik

Date: 2016-12-09 Witnessed by:   
Name: Yinggang Li  
Address: Gamla Särövägen 89 B  
436 40 Askim  
Sweden

Date: 2016-12-09 Witnessed by:   
Name: Lei Bao  
Address: Framnäsgratan 6  
412 64 Göteborg  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 5/12 - 2016

Signature of Assignor

PALENIUS, Torgny

Date 5/12 2016

Witnessed by

Name:

HENRIK RONKAINEN

Address:

GRENVÄGEN 5

24733 S. SANDBY

SWEDEN

Date 5/12 - 2016

Witnessed by

Name:

OSKAR PRUGE

Address:

ÖSTERLED 19

245 64 HJÄRUD

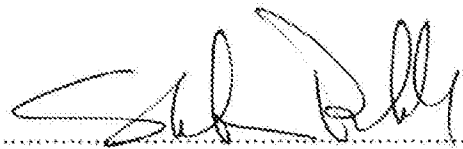
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-21

Signature of Assignor



PARKVALL, Stefan

Date 2016-11-21

Witnessed by



Name:

Maria Edvardsson

Address:

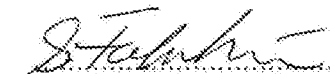
Sjöbnsgränd 14

177 70 Järfälla

Sweden

Date 2016-11-21

Witnessed by



Name:

SOROUR FAHAAT

Address:


Wargentinsgatan 6

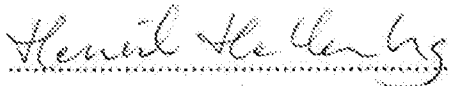
112 29 Stockholm

SWE DEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
PETERSSON, Sven

Date 2016-11-14 Witnessed by   
Name: Henrik Hallenberg  
Address: Johannes Bureas v.2  
437 41 Lindome  
Sweden

Date 2016-11-14 Witnessed by   
Name: Stefan Johansson  
Address: stenhilt 140  
442 92 Rummelunda  
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 5/12/2016 Signature of Assignor

PRADAS, Jose Luis

Date 5/12/2016 Witnessed by

Name:

Yu Wang

Address:

Boulevard 109

Solna 16934 Sweden

Date 2016-12-05 Witnessed by

Name:

Mats Folke

Address:

Rabattvägen 13

162 43 Vällingby

SWEDEN



### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

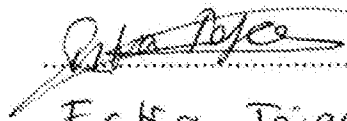
Date 2016-12-07

Signature of Assignor

  
PRYTZ, Mikael

Date 2016-12-07

Witnessed by



Name:

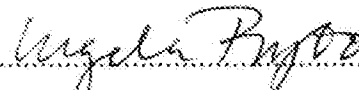
Erika Tejedor

Address:

Inedalsgatan 9F  
11233 Stockholm  
(Sweden)

Date 2016-12-07

Witnessed by



Name:

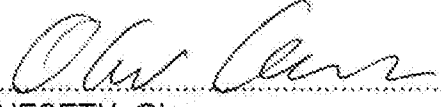
Ingela Prytz

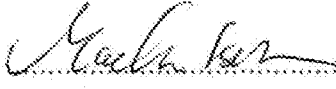
Address:

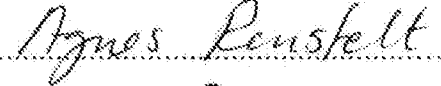
Gustavs lundsv. 38  
144 63 Rönninge  
Sweden

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 15 NOV 2016 Signature of Assignor   
 QUESETH, Olav

Date 15 NOV 2016 Witnessed by   
 Name: Martin Hakson  
 Address: Lustgårdsgratan 14  
11251 Stockholm  
Sweden

Date 15 NOV 2016 Witnessed by   
 Name: AGNES RENSFELT  
 Address: PERINGSKIÖLDSV. 43  
16856 BRAMMA  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016/11/14 Signature of Assignor

RAMACHANDRA, Pradeepa

Date 2016/11/14 Witnessed by

Name:

**Eva Johannesson**

Address:

Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph. +46 10 716 39 63

Date 2016/11/14 Witnessed by

Name:

**Maria Strängberg**

Address:

Uttergatan 21  
SE-587 23 Linköping, Sweden  
PH +46 10 714 86 23

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-28

Signature of Assignor

REIAL, Andres

Date 2016-11-28

Witnessed by

Name:

THOMAS NILSSON

Address:

SÖPPA FÖRSTADSG. 95D.

214 20 MALMÖ

SWEDEN

Date 2016-11-28

Witnessed by

Name:

MAGNUS ÅSTRÖM

Address:

GULDAKERSVÄGEN 12

SE-224 80 LUND

SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14

Signature of Assignor

*Thomas Rimhagen*  
RIMHAGEN, Thomas

Date 2016-11-14

Witnessed by

*Maria Strängberg*

Name:

**Maria Strängberg**

Address:

Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

Date 2016-11-14

Witnessed by

*Håkan Hallqvist*

Name:

**Håkan Hallqvist**

Address:

Nordanvindsvägen 7  
SE-58272 Linköping, SWEDEN  
Ph +46 10 711 4401

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 25/11 2016

Signature of Assignor

Emil Ringh  
RINGH, Emil

Date 25/11 2016

Witnessed by

Axel Ringh

Name:

Axel Ringh

Address:

Brentingsgatan 50  
115 35 Stockholm  
Sweden

Date 25/11 2016

Witnessed by

Giampaolo Mele

Name:

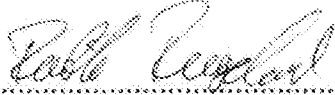
GIAMPAOLO MELE

Address:

NORRTÄLJEGATAN 1B  
753 27 UPPSALA  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
 RUGELAND, Patrik

Date 2016/11/14 Witnessed by Fioran Mattia  
 Name: MATTEO FIORANI  
 Address: STORGATAN 92A  
SOLNA (STOCKHOLM) 17152  
Sweden

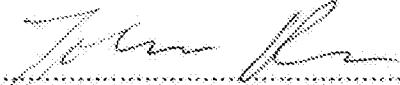
Date 2016/11/14 Witnessed by Zhenhua Zou  
 Name: ZHENHUA ZOU  
 Address: NYBODAGATAN 16  
SOLNA, 17142  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK


Date: 14 November 2016

Signature of Assignor

  
.....  
RUNE, Johan

Date: 14 November 2016

Witnessed by

  
.....

Name:

Chrysostomos Koutsimanis

Address:


Västra vägen 3B

162 61 Solna

Sweden

Date: 14 November 2016

Witnessed by

  
.....

Name:

Richard Tano

Address:

Ola Hanssonsgatan 4

112 52 Stockholm

Sweden



# ASSIGNMENT

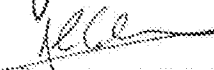
Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-4-16 Signature of Assignor

  
SACHS, Joachim

Date 2016-4-16 Witnessed by

Name:

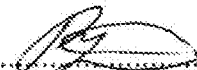
  
Johny Kossat

Address:

Bjergelagsgatan 84  
S-1719 Solna  
Sweden

Date 2016-4-16 Witnessed by

Name:

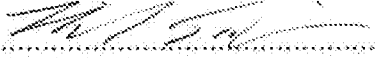
  
Roman Chirikov

Address:

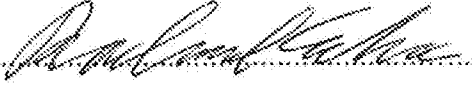
Kastorupgatan 5  
164 41 Stockholm  
Sweden

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: November 14, 2016 Signature of Assignor:   
SAHLIN, Henrik

Date: November 14, 2016 Witnessed by: Jingya Li  
Name: JINAYA LI  
Address: Stenbocksgatan 5  
41738, Göteborg  
Sweden

Date: November 14, 2016 Witnessed by:   
Name: ROLAND CARLSSON  
Address: Stettvägen 3  
433 50 Öperisjö  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

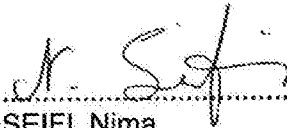
Date 2017-02-02 Signature of Assignor *Saxena*  
 SAXENA, Vidit

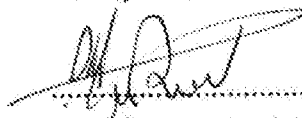
Date 2017-02-02 Witnessed by *Maria Fresia*  
 Name: MARIA FRESIA  
 Address: BERGSGATAN 12A  
SUNDBYBERG  
Sweden

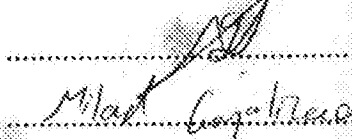
Date 2017-02-02 Witnessed by *Wanku Sun*  
 Name: Wanku Sun  
 Address: Kingshamra 24B Lgh1102  
Solna 17070, Stockholm  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-01-27 Signature of Assignor   
SEIFI, Nima

Date 2017-01-27 Witnessed by   
Name: Mazdak Rajabi Nasab  
Address: Ortning Kristinas Esplanad 51  
17067, Solna  
Sweden

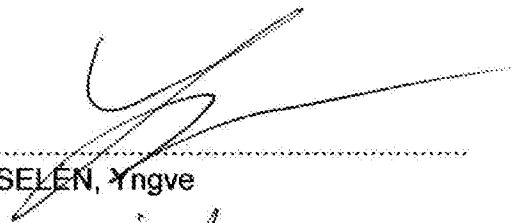
Date 2017-01-27 Witnessed by   
Name: Milan Gogal Nareda  
Address: Enkenskogsgatan 1, Lgh 1625  
17171, Solna  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-17

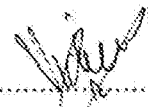
Signature of Assignor

  
SELEN, Yngve

Date 2016 11 17

Witnessed by

Name:

  
VICKNEGAM AYADUEAM

Address:

AREBENS GRAND 23

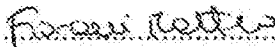
19278 SOLLENTUNA

SWEDEN

Date 2016-11-17

Witnessed by

Name:

  
HATTAR FORANI

Address:

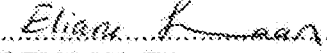
STORGATAN 72A


17152 SOLNA (STOCKHOLM)


Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-11-14 Signature of Assignor:   
SEMAAN, Eliane

Date: 2016-11-14 Witnessed by:   
Name: Reihaneh Malek Zahedshikani  
Address: Rodbecksväg 28  
19251 Sollentuna  
SWEDEN

Date: 2016-11-14 Witnessed by:   
Name: Erika Tejedor  
Address: Inedalsgatan 9F  
112 33 Stockholm  
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 28-NOV-2016 Signature of Assignor

*Sachin Sharma*  
SHARMA, Sachin

Date: 28-11-2016 Witnessed by

Name:

Address:

*Osama Al-Saradeh*  
OSAMA AL-SARADEH  
Kungshamra 31  
170 70 Solna  
Sweden.

Date: 28-11-2016 Witnessed by

Name:

Address:

*Zhenhua Zou*  
Zhenhua Zou  
Nybodagatan 16  
1714 2  
SOLNA, Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-15 Signature of Assignor Cong Shi  
SHI, Cong

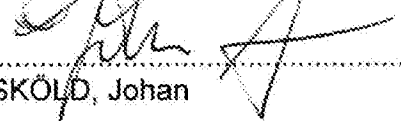
Date 2016-11-15 Witnessed by Li Shaoqun  
Name: Li Shaoqun  
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China

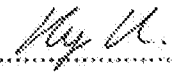
Date 2016-11-15 Witnessed by Ming Li  
Name: Ming Li  
Address: No. 5 Lize East Street,  
Chaoyang District,  
100102, Beijing, China

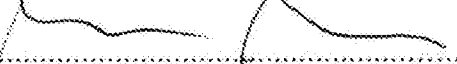


# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2017-0-05 Signature of Assignor   
 SKOLD, Johan

Date 2017-01-05 Witnessed by   
 Name: Kittipong Kittichokechai  
 Address: Sankt Görnsgatan 112  
112 45 Stockholm  
Sweden


Date 2017-01-05 Witnessed by   
 Name: Mattias Andersson  
 Address: Munbalegatan 286  
172 39 Sundbyberg  
Sweden

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 22 Dec 2016

Signature of Assignor

  
.....  
STÅTTIN, Magnus


Date 22 Dec 2016

Witnessed by

Hazhir Shaker Razaqhi  
.....  
Name: Hazhir Mokri Razaqhi  
.....  
Address: Hansta vägen Sl. lgh 1741  
16943 kista  
.....  
Sweden  
.....

Date 22 Dec 2016

Witnessed by

  
.....  
Name: Vincent Malin Caser  
.....  
Address: Emmylandsvägen A. 1517  
171 71 Palma  
.....  
Sweden  
.....

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2015-11-24

Signature of Assignor

*Anders Stjernman*  
STJERNMAN Anders

Date 2016-11-24

Witnessed by

*Henrik Hallberg*

Name:

Henrik Hallenberg

Address:

Johannes Bureaus v. 2

437 41 Lindome

Sweden

Date 2016-11-24

Witnessed by

*Henrik Lidhage*

Name:

Henrik Lidhage

Address:


Västra Eldhagsvägen 8

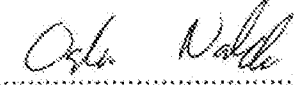
431 59 Mölndal

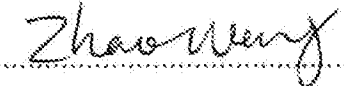
Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

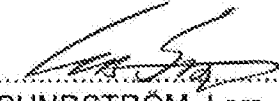
Date 2017-02-01 Signature of Assignor   
SUNDMAN, Dennis

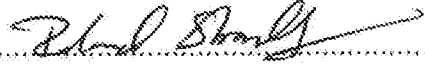
Date 2017-02-01 Witnessed by   
Name: Oskar Nordmark  
Address: Högviiltsgatan 8  
115 45 Stockholm  
Sweden

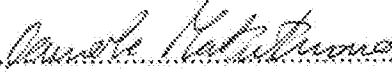
Date 2017-02-01 Witnessed by   
Name: ZHAO WANG  
Address: Anders Lundströms Gata 9  
16973 Solna  
Sweden

## ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
SUNDSTRÖM, Lars

Date 2016-11-14 Witnessed by   
Name: Roland Strandberg  
Address: Södra Lyngvägen 22  
24465 Furuåker  
Sweden

Date 2016-11-14 Witnessed by   
Name: DANIELE MASTANTUONO  
Address: KULGRÄNDEN 110  
22649 LUND  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 07 Dec 2017

Signature of Assignor

TERCERO VARGAS, Miurel Isabel

Date 07 Dec 2017

Witnessed by

Name:

Jörgen Karlsson

Address:

Duvgränd 6  
SE -17236 Smedbyberg  
Sweden

Date 07 Dec 2017

Witnessed by

Name:

Ali Behrooz

Address:

Robert Almqvistsg. 3  
11336 Stockholm  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-15 ..... Signature of Assignor *Claes Tidestav* .....  
 TIDESTAV, Claes

Date 2016-11-15 ..... Witnessed by *Sofia Ek* .....  
 Name: Sofia Ek .....  
 Address: Tolcegatan 71 .....  
172 72 Sundbyberg .....  
SWEDEN .....

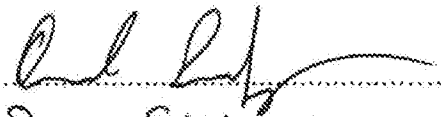
Date 2016-11-15 ..... Witnessed by *David Eriksson* .....  
 Name: DAVID ERIKSSON .....  
 Address: Åsögatan 86A .....  
24 48 KTHUSTA .....  
SWEDEN .....

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date.....2016-11-14..... Signature of Assignor   
 TOMBAZ, Sibel

Date.....2016-11-14..... Witnessed by   
 Name: Gustav Wikström  
 Address: Arrändevägen 23  
 18730 Täby  
 Sweden

Date.....2016-11-14..... Witnessed by   
 Name: DAVID SANDBERG  
 Address: NÄCKROSVÄGEN 28  
 169 37 SOLNA  
 SWEDEN



ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-23

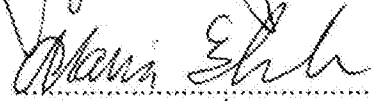
Signature of Assignor



TULLBERG, Hugo

Date 2016-11-23

Witnessed by



Name:

Maria Edvardsson

Address:

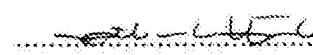
Sjöbrisgränd 14

177 70 Jönköping

Sweden

Date 2016-11-23

Witnessed by



Name:

Mikael Höök

Address:

Bagerbyvägen 152

191 34 Sällentuna

SWEDEN

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

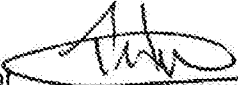
Date: 2016-11-18 Signature of Assignor: Jari Vikberg  
VIKBERG, Jari

Date: 16/11/18 Witnessed by: Pia Vikberg  
Name: Pia Vikberg  
Address: Svalsättersvägen 12  
S-15338 Järna  
SWEDEN

Date: 2016-11-18 Witnessed by: Emma Vikberg  
Name: Emma Vikberg  
Address: Svalsättersvägen 12  
S-15338 Järna  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor   
 VON WRZYCZA, Peter

Date 20161114 Witnessed by   
 Name: JAN HÖLLER  
 Address: LAPPANDSVÄGEN 12  
18151 LIDINGÖ  
SWEDEN

Date 2016-11-14 Witnessed by   
 Name: Mikael Höök  
 Address: Beserbyvägen 152  
19134 Selkenburg  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

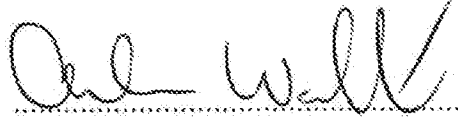
Date 2016-11-16 Signature of Assignor *Thomas Walldeen*  
WALLDEEN, Thomas


Date 2016-11-16 Witnessed by *Erik Hagfalk*  
Name: Erik Hagfalk  
Address: Hällerstads vägen 53  
590 72 Ljungby  
Sweden

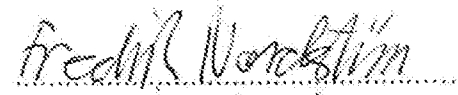
Date 2016-11-16 Witnessed by *Markus Drevo*  
Name: MARKUS DREVO  
Address: TRUMSLAARIGATAN 33  
582 16 LINKÖPING  
SWEDEN

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: 2016-12-05 Signature of Assignor   
WALLÉN, Anders

Date: 2016-12-05 Witnessed by   
Name: .....  
Address: .....  
MAGNUS ÅSTRÖM  
GULDAKERSVÄGEN 12  
SE-224 80 LUND  
SWEDEN

Date: 2016-12-05 Witnessed by   
Name: Fredrik Nordström  
Address: Lilla Tvärg. 16A  
223 53 Lund  
Sweden

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

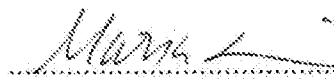
Date 17/11/2016

Signature of Assignor

  
WALLENTIN, Pontus

Date 17/11/2016

Witnessed by



Name:

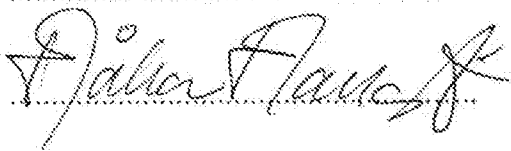
**Maria Strängberg**

Address:

Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

Date 17/11/2016

Witnessed by



Name:

**Håkan Hallqvist**

Address:

Nordanvindsvägen 7  
SE-58272 Linköping, SWEDEN  
Ph +46 10 711 4401

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor Wang Hai  
WANG, Hai

Date 2016-11-14 Witnessed by Li Shasha  
Name: Li Shasha  
Address: No. 5 Lize East Street  
Chaoyang District  
10002, Beijing, China

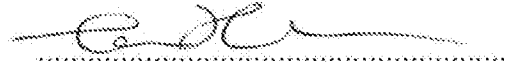
Date 2016-11-14 Witnessed by MMP Li  
Name: MMP Li  
Address: No. 5 Lize East Street  
Chaoyang District  
10002, Beijing, China

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: Nov. 14, 2016

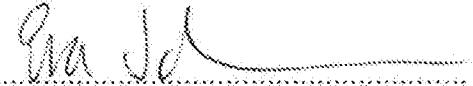
Signature of Assignor



WANG HELMERSSON, Ke

Date: Nov. 14, 2016

Witnessed by



Name:

**Eva Johannesson**

Address:

Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

Date: Nov. 14, 2016

Witnessed by



Name:

**Maria Strängberg**

Address:

Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23



### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-14 Signature of Assignor Wang Jianfeng  
WANG, Jianfeng

Date 2016-11-14 Witnessed by Li Shao hua  
Name: Li Shao hua  
Address: No.5 Lize East Street,  
Chaoyang District,  
Beijing, China

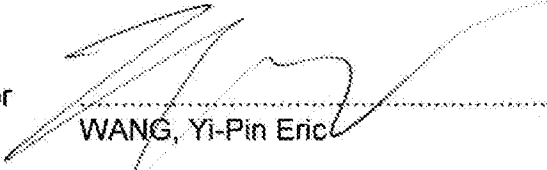
Date 2016-11-14 Witnessed by Ming Li  
Name: Ming Li  
Address: No.5 Lize East Street,  
Chaoyang District,  
Beijing, China

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

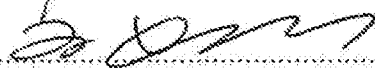
Date: 2017-01-04

Signature of Assignor

  
WANG, Yi-Pin Eric

Date: Jan 4, 2017

Witnessed by



Name:

Xingqin Lin

Address:

130 Descanso Dr.

San Jose, CA 95134

Date: 01-04-2017

Witnessed by



Name:

Wan-Ling Tsai

Address:

1357 Grosventres Ct.

Fremont, CA 94539

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-26 Signature of Assignor

*Karl Werner*  
WERNER, Karl

Date 2016-11-26 Witnessed by

*Eija Östlund*

Name:

EIJA ÖSTLUND

Address:

RIPSTIGEN 3  
122 39 ENSKEDÉ  
SWEDEN

Date 2015-11-26 Witnessed by

*Carl-Karl Östlund*

Name:

CARL-KARL ÖSTLUND

Address:

Ripstigen 3  
122 39 ENSKEDÉ  
SWEDEN

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

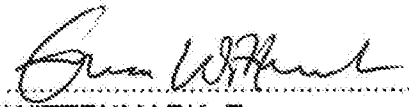
Date 2016-11-14 ..... Signature of Assignor *Niclas Wiberg*  
WIBERG, Niclas


Date 2016-11-14 ..... Witnessed by *Eva Johansson*  
Name: **Eva Johansson**  
Address: Landeryd Sörholmen 2  
SE-585 93 Linköping, Sweden  
Ph +46 10 716 39 63

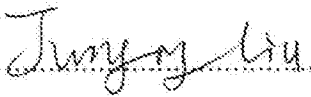
Date 2016-11-14 ..... Witnessed by *Maria Strängberg*  
Name: **Maria Strängberg**  
Address: Uttergatan 21  
SE-587 23 Linköping, Sweden  
Ph +46 10 714 86 23

# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-25 Signature of Assignor   
 WITTENMARK, Emma

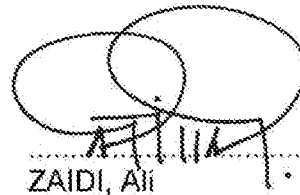
Date 2016-11-25 Witnessed by   
 Name: Anders Ericson  
 Address: Kås Lovv. 5  
SE-24732 Södra Sandby  
Sweden

Date 2016-11-25 Witnessed by   
 Name: Junying Liu  
 Address: Gulltoppsgatan 16  
22474 Lund  
Sweden

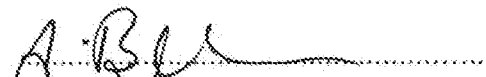
ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016/12/06 Signature of Assignor

  
ZAIDI, Ali

Date 2016/12/06 Witnessed by



Name:

Ali Behravan

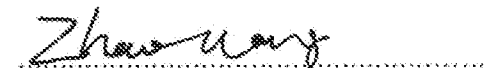
Address:

Robert Almströmsg. 3

113 36 Stockholm

Sweden

Date 2016/12/06 Witnessed by



Name:

ZHAO WANG

Address:

Anders Lundströms Gata 9

169 73 Solna

Sweden

ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date: NOV 14 2016

Signature of Assignor

Zhang Zhan  
ZHANG, Zhan

Date: 2016-11-14

Witnessed by

Li Shaohua

Name:

Li Shaohua

Address:

No. 5 Lixie East Street  
Chaoyang District  
100102, Beijing, China.

Date: 2016-11-14

Witnessed by

Ma J L;

Name:

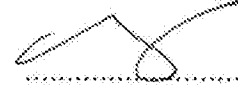
Ma J L;

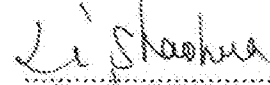
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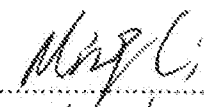
No. 5 Lixie East Street  
Chaoyang District  
100102, Beijing, China.

### ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016/11/14 Signature of Assignor   
Zhang, Zhang

Date 2016/11/14 Witnessed by   
Name: Li Shaoxia  
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Date 2016/11/14 Witnessed by   
Name: Ming Li  
Address: Ericsson Tower 2, No.5 Li Ze East Street, Chaoyang District, Beijing 100102, P.R.China,



# ASSIGNMENT

Title: NETWORK ARCHITECTURE, METHODS, AND DEVICES FOR A WIRELESS COMMUNICATIONS NETWORK

Date 2016-11-15 Signature of Assignor Zheng Yanli  
ZHENG, Yanli

Date 2016-11-15 Witnessed by Li Shaohua  
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East Street, Chaoyang District,  
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Date 2016-11-15 Witnessed by Ming Li  
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