

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of the Assignee name previously recorded on Reel 029636 Frame 0640. Assignor(s) hereby confirms the correct spelling of the Assignee name.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ALI KANSO</td> <td>04/04/2011</td> </tr> <tr> <td>MARIA TOEROE</td> <td>04/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	ALI KANSO	04/04/2011	MARIA TOEROE	04/01/2011		
Name	Execution Date								
ALI KANSO	04/04/2011								
MARIA TOEROE	04/01/2011								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)</td> </tr> <tr> <td>Street Address:</td> <td>S-164 83</td> </tr> <tr> <td>City:</td> <td>STOCKHOLM</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> </table>		Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	Street Address:	S-164 83	City:	STOCKHOLM	State/Country:	SWEDEN
Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)								
Street Address:	S-164 83								
City:	STOCKHOLM								
State/Country:	SWEDEN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13051824</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13051824				
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Application Number:	13051824								
CORRESPONDENCE DATA									
Fax Number: 4087208383 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 4087208300 Email: julie_farrar@bstz.com Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP Address Line 1: 1279 OAKMEAD PARKWAY Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040									
ATTORNEY DOCKET NUMBER:	4906P33667US1								
NAME OF SUBMITTER:	Daniel M. De Vos								
Signature:	/Daniel M. De Vos/								
Date:	04/16/2013								

CH \$40.00 13051824

Total Attachments: 8

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OMB No. 0651-0027 (exp. 04/30/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ali Kanso, Maria Toeroe

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Apr. 04, 2011 ; Apr. 01, 2011

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Telefonaktiebolaget L M Ericsson (publ)

Internal Address: S-164 83 Stockholm, Sweden

Street Address: S-164 83 Stockholm, Sweden

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/051824

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Alex Nicolaescu

Internal Address: Ericsson Canada Inc.

Patent Department

Street Address: 8400 Decarie Boulevard

City: Town Mount Royal

State: Quebec, Canada Zip: H4P 2N2

Phone Number: 514-345-7955

Docket Number: P33667US1

Email Address: patent.unit.canada@ericsson.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0301

Authorized User Name Alex Nicolaescu

9. Signature:

Signature

2013-01-11

Date

Alex Nicolaescu

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

CH \$40.00 500301 13051824

PATENT

REEL: 030229 FRAME: 0034

ASSIGNMENT

This Assignment is made by:

Ali Kanso

**1100 rue Goulet, Montreal, Quebec,
Canada H4R 2C6**

Maria Toeroe

**#1803-1212 Ave. des Pins O., Montreal,
Quebec, Canada H3G 1A9**

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

RANKING SERVICE UNITS TO PROVIDE AND PROTECT HIGHLY AVAILABLE SERVICES USING N+M REDUNDANCY MODELS

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

Country	Application No.	File Date
US	13/051824	2011-03-18

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

ASSIGNMENT

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, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application(s) for Letters Patent, 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:

SWEDEN

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,

ASSIGNMENT

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 2011-04-04 Signature on behalf of
Assignee Alex Nicolaescu

ASSIGNMENT

Title: RANKING SERVICE UNITS TO PROVIDE AND PROTECT HIGHLY AVAILABLE
SERVICES USING N+M REDUNDANCY MODELS

Date...2011, 04, 04..... Signature of Assignor

Ali Kanso

Date...2011/04/24 04..... Witnessed by

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CANADA.

Date...2011-04-04..... Witnessed by

Name:

Address:

LALA DELEON
LALA DELEON
4625 TRENHOLME
MONTREAL, QC
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ASSIGNMENT

Title: RANKING SERVICE UNITS TO PROVIDE AND PROTECT HIGHLY AVAILABLE SERVICES USING N+M REDUNDANCY MODELS

Date 2001/04/01 Signature of Assignor Maria Toeroe
Maria Toeroe

Date 2011/04/01 Witnessed by Nakam Pourzanou
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