Form PTO-1595 (Rev. 06-12) OMB No. 0851-0027 (exp. 04/30/2015) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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)	Name and address of receiving party(ies) Name: Telefonaktiebolaget L M Ericsson (publ)			
Richard Tremblay	Internal Address: S-164 83 Stockholm, Sweden			
Additional name(s) of conveying party(les) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) March.30, 2011	Street Address: S-164 83 Stockholm, Sweden			
Assignment Merger Security Agreement Change of Name	City:			
Joint Research Agreement	State:			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country:Zlp:			
Other	Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s): A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)			
13/075,812				
Additional numbers at				
5. Name and address to whom correspondence concerning document should be mailed: Name: Alex Nicolaescu	6. Total number of applications and patents Involved:			
Internal Address: Ericsson Canada Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Patent Department	Authorized to be charged to deposit account			
Street Address: 8400 Decarie Boulevard	Enclosed None required (government Interest not affecting title)			
City: Town Mount Royal	8. Payment Information			
State: Quebec, Canada ZIp: H4P 2N2				
Phone Number: 514-345-7955	Deposit Account Number 50-0301			
Docket Number: P32976US1 Email Address: patent.unit.canad@ericsson.com	Authorized User Name Alex Nicolaescu			
9. Signature:	2013 - 01 - 25 Date			
Alex Nicolaescu	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing sheet, attachments, and documents: 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 1450, Alexandria, V.A. 22313-1450				

PATENT REEL: 029711 FRAME: 0563

ASSIGNMENT

This Assignment is made by:

Richard Tremblay

596 Sauvignon, Rosemere, Quebec, Canada J7A 4T3

(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:

SCTP ENDPOINT MIGRATION

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

Country	Application No.	File Date
US	13/075,812	2011-03-30

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

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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 thereinafter. 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, 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

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ASSIGNMENT

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 fallure 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 - 01

Alex Nicolaescu

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ASSIGNMENT

Title: SCTP ENDPOINT MIGRATION

Date 2011-07-30	Signature of Assignor	Richard Tremblay
Date 2011 - 03-30	Witnessed by	Lala Delam
	Name:	LALA DECEON
	Address:	4625 TRENHOLHE
		MONTREAL, OC
		CANADA HUB IX8
Date 2011 - 03 - 30	Witnessed by	Mouor Clesto
	Name:	Monon Celeste
	Address:	265 de la Coulee
		Ste-Marthe-son-le-Lac
•		JON 190 CANADA.

Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FO	ORM COVER SHEET		
PATEN	TS ONLY		
To the Director of the U.S. Patent and Trademark Office: Plear	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(as) below		
1. Name of conveying party(les)	2. Name and address of receiving party(ies)		
Richard Tremblay	Name: Telefonaktiebolaget L M Ericsson (publ)		
Michael Hembiay	Internal Address: S-164 83 Stockholm, Sweden		
Additional name(s) of conveying party(ies) attached? Yes			
3. Nature of conveyance/Execution Date(s):	Street Address: S-164 83 Stockholm, Sweden		
Execution Date(s) March.30, 2011			
Assignment Merger			
Security Agreement Change of Name	City:		
Joint Research Agreement	State:		
Government Interest Assignment	Country: Zip:		
Executive Order 9424, Confirmatory License	Zip:		
Other	Additional name(s) & address(es) attached? Yes No		
4. Application or patent number(s): A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63).		
A. Patan Application No.(8)	B. Patent No.(s)		
13/075,812			
M \$1	ached? Yes No		
5. Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and patents		
Name: Alex Nicolaescu	involved:		
internal Address: Ericsson Canada Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Patent Department			
Street Address: 8400 Decarle Boulevard	Authorized to be charged to deposit account		
Street Address; 9400 Decemb Bodievard	Enclosed		
City: Town Mount Royal	None required (government interest not affecting title)		
	8. Payment Information		
State: Quebec, Canada Zip: H4P 2N2			
Phone Number: 514-345-7955	Dennik Annough No. 11 - 50-0301		
Docket Number: P32976US1	Deposit Account Number 50-0301		
Email Address: patent.unit.canada@ericsson.com	Authorized User Name Alex Nicolaescu		
9. Signature:	20.17 01 25		
Signature Signature	2013 · 01 - 2 5 Date		
Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:		
Name of Person Signing Documents to be recorded (including cover sheet) a Mail Stop Assignment Records for Section Section 5	sneet, attachments, and documents:		
Mail Stop Assignment Recordation Services, Director of th	is USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1460		

PATENT REEL: 029711 FRAME: 0568