

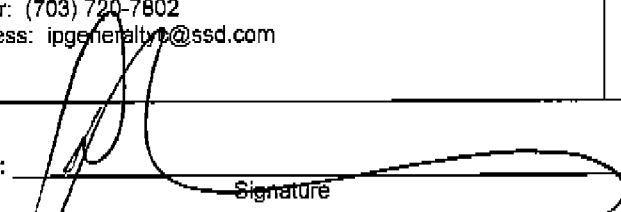
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Attorney Docket No. **089229.00387**

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<p>1. Name of conveying party(ies) Mayutan ARUMAITHURAI; Hannes TSCHOFENIG Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: Nokia Siemens Networks Oy Internal Address: Street Address: Karaportti 3 City: Espoo State: Country: Finland Zip: 02610 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s): August 10, 2010 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Security Agreement <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>			
<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 12/918526 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: Squire Sanders & Dempsey L.L.P. Internal Address: Street Address: 8000 Towers Crescent Drive, 14th Floor City: Vienna State: Virginia Zip: 22182-6212 Phone Number: (703) 720-7800 Fax Number: (703) 720-7802 Email Address: ipgeneral@ssd.com</p>		<p>6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41)..... \$ 40.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed. Check No. _____ <input type="checkbox"/> None required (government interest not affecting title)</p>	
		<p>8. Payment Information Deposit Account Number: 50-2222 Authorized User Name: Douglas H. Goldhush</p>	
<p>9. Signature:  Signature</p>		<p>August 20, 2010 Date</p>	
<p>Douglas H. Goldhush, Reg. No. 33125 Name of Person Signing</p>		<p>Total number of pages including cover sheet, attachments, and documents: 5</p>	

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A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

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hereby sell, assign, and transfer to

Nokia Siemens Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Dynamic Discovery of Quality of Service Nodes**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2008P00349WOUS
and filed as PCT-application PCT/EP2008/002349


and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

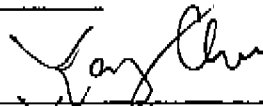
hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense


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of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10/8/10


 Mayutan Arumaithurai

Witnesses: 
 (type name) Yang Chen

Witnesses: 
 (type name) Konglin Zhu

Date: _____

 Hannes Tschofenig

Witnesses: _____
 (type name)

Witnesses: _____
 (type name)

Date: _____

Witnesses: _____
 (type name)

Witnesses: _____
 (type name)

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

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11.10.2015

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IDNR #249726 12-2007

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and filed as PCT-application PCT/EP2008/002349

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heraby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense

PATENT

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Date: _____ Mayuran Arumathurai

Witnesses: _____
(type name)

Witnesses: _____
(type name)

Date: 10.8.2010 Hannes Tschofenig
Hannes Tschofenig

Witnesses: Michael Miller
(type name) Michael Miller

Witnesses: Jan Tschoban
(type name) Jan Tschoban

Date: _____

Witnesses: _____
(type name)

Witnesses: _____
(type name)