PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Suresh S. Jonnagadla	08/22/2011
Robert G. Daugherty	08/22/2011
Shailender K. Gola	08/22/2011
Ha Tam Nham	08/22/2011

RECEIVING PARTY DATA

Name:	Verizon Patent and Licensing, Inc.	
Street Address:	One Verizon Way	
City:	Basking Ridge	
State/Country:	NEW JERSEY	
Postal Code:	07920	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13217988

CORRESPONDENCE DATA

Fax Number: (801)812-8129

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

8012855175 Phone: Email: alg@alg-ip.com

Correspondent Name: ADVANTEDGE LAW GROUP, LLC

922 W. Baxter Dr. Address Line 1: Address Line 2: Suite 100

Address Line 4: South Jordan, UTAH 84095

NAME OF SUBMITTER: Travis K. Laird

Total Attachments: 4

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

Methods and Systems for Dynamically Establishing One or More Connections Between a Software

Application and a Cluster	of Message Brokers
I/we hereby authorize and request the Assignee,	e undersigned concurrently herewith, and in which case its successors, assigns and/or legal representatives, to r, filed) the filing n known.
which was filed on	and assigned Application No.
all other application for Letters Patent which have be countries on any of said improvements or based on patents which have been or shall be issued in the applications, and in and to all rights of priority resu	continuing, substitute, renewal, reissue, provisional, and seen or shall be filed in the United States and all foreign said application; and in and to all original and reissued United States and foreign countries from any of said string from the filing of any of said applications; and in transitional Convention for the Protection of Industrial
representatives, to carry out in good faith the intent execute all divisional, continuing, substitute, renew all said improvements; execute all rightful oaths communicate to said Assignee, its successors, assigned relating to said improvements and the history they Assignee, its successors, assigns or representative maintaining proper patent protection for said impro	ers Patent for improvements in its own name; and that use of, said Assignee, its successors, assigns and legal and purpose of this Assignment, the undersigned will all reissue, and all other patent application on any and, assignments, powers of attorney and other papers us, and representatives, all facts known to undersigned reof; and generally do everything possible which said is shall consider desirable for aiding in securing and vements and for vesting title to said improvements and dimprovements, in said Assignee, its successors and
	and legal representatives that no assignment, grant rights and property herein identified has been made to nvey the same as herein expressed is possessed by the
IN WITNESS to my/our agreement to the foregoing, I/we have	ve executed this Assignment as set forth below:
Verizon entity (Assignee): <u>Verizon Patent and Licensing, I</u> <u>Basking Ridge, NJ 07920</u> .	nc., having a place of business at One Verizon Way
ASSIGNORS:	
ASSIGNORS: Signature:	Date: <u>8-92-11</u>
Suresh S. Jonnagadia Signature:	Date:
Robert G. Daugherty	
Signature: Shailender K. Gola	Date:
Signature:	Date:
Ha Tam Nham	

Page 1 of 1

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Methods and Systems for Dynamically Establishing One or More Connections Between a Software Application and a Cluster of Message Brokers

Application and a Cluster of Message Brokers	
Which has been executed by the un I/we hereby authorize and request the Assignee, its sinsert here in the parentheses (Application Number date and application number of said application when kr	, filed) the filing
which was filed on and	assigned Application No.
and in and to said application, and all divisional, conti- all other application for Letters Patent which have been countries on any of said improvements or based on said patents which have been or shall be issued in the Uni applications, and in and to all rights of priority resulting and to all rights which may exist under the Internat Property to any of the foregoing;	or shall be filed in the United States and all foreign application; and in and to all original and reissued ited States and foreign countries from any of said g from the filing of any of said applications; and in
II. agree that said Assignee may apply for and receive Letters when requested, without charge to, but at the expense representatives, to carry out in good faith the intent and execute all divisional, continuing, substitute, renewal, all said improvements; execute all rightful oaths, as communicate to said Assignee, its successors, assigns, relating to said improvements and the history thereof. Assignee, its successors, assigns or representatives simaintaining proper patent protection for said improvemall applications for patents and all patents on said in assigns; and	of, said Assignee, its successors, assigns and legal d purpose of this Assignment, the undersigned will reissue, and all other patent application on any and signments, powers of attorney and other papers; and representatives, all facts known to undersigned and generally do everything possible which said hall consider desirable for aiding in securing and tents and for vesting title to said improvements and
III. covenant with said Assignee, its successors, assigns and mortgage, license, or other agreement affecting the right others by the undersigned, and that full right to convey undersigned.	nts and property herein identified has been made to
IN WITNESS to my/our agreement to the foregoing, I/we have e	xecuted this Assignment as set forth below:
Verizon entity (Assignee): Verizon Patent and Licensing, Inc., Basking Ridge, NJ 07920.	having a place of business at One Verizon Way
ASSIGNORS:	
~	Date:
Signature: Ret Sures S. Journagadia	Date: 8-22-11
	Date:
Shailender K. Gola Signature:	Date:
Ha Tam Nham	

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For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

Mothode and Systems for Dynamically Establishing One or More Connections Between 3 Software

Application and a Cluster	
I/we hereby authorize and request the Assignee, it	undersigned concurrently herewith, and in which cases successors, assigns and/or legal representatives, to
which was filed ona	nd assigned Application No.
all other application for Letters Patent which have be countries on any of said improvements or based on s patents which have been or shall be issued in the applications, and in and to all rights of priority resul	ntinuing, substitute, renewal, reissue, provisional, and en or shall be filed in the United States and all foreign aid application; and in and to all original and reissued United States and foreign countries from any of said ting from the filing of any of said applications; and in national Convention for the Protection of Industrial
representatives, to carry out in good faith the intent execute all divisional, continuing, substitute, renews all said improvements; execute all rightful oaths, communicate to said Assignee, its successors, assign relating to said improvements and the history there Assignee, its successors, assigns or representatives maintaining proper patent protection for said improvements.	rs Patent for improvements in its own name; and that se of, said Assignee, its successors, assigns and legal and purpose of this Assignment, the undersigned will I, reissue, and all other patent application on any and assignments, powers of attorney and other papers, and representatives, all facts known to undersigned of; and generally do everything possible which said shall consider desirable for aiding in securing and ements and for vesting title to said improvements and improvements, in said Assignee, its successors and
	and legal representatives that no assignment, grant, ights and property herein identified has been made to vey the same as herein expressed is possessed by the
IN WITNESS to my/our agreement to the foregoing, I/we hav	e executed this Assignment as set forth below:
Verizon entity (Assignee): <u>Verizon Patent and Licensing, In Basking Ridge, NJ 07920</u> .	c., having a place of business at <u>One Verizon Way</u>
ASSIGNORS:	
Signature:	Date:
Suresh S. Jonnagadia Signature:	Date:
Signature: Sobert G. Daugherty	Date: 8/22/20//
Shailender K. Gola	Date: 0/2-/2//
Signature:	Date:
He Tam Nham	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

Methods and Systems for Dynamically Establishing One or Morc Connections Between a Software Application and a Cluster of Message Brokers

Application and a Cluster of Message Brokers
which has been executed by the undersigned concurrently herewith, and in which case I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number, filed) the filing date and application number of said application when known.
which was filed on and assigned Application No.
and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing;
II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application 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 representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or 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 and assigns; and
III. 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 identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.
IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:
Verizon entity (Assignce): <u>Verizon Patent and Licensing, Inc.</u> , having a place of business at <u>One Verizon Way</u> <u>Basking Ridge, NJ 07920</u> .
ASSIGNORS:
Signature: Date:
Signature: Date:
Signature:
Shailender K. Gola Signature: Ha Tam Nham Date: 22/2011

RECORDED: 08/25/2011