PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Srinivas VENKATRAMAN | 01/25/2011 |
| Ganesh KUMAR | 01/25/2011 |

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: | 13013317 |

CORRESPONDENCE DATA

Fax Number: (703)519-9958

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

Phone: 703-519-9951

Email: afeldman@dcpatent.com

Correspondent Name: DITTHAVONG MORI & STEINER, P.C.

Address Line 1: 918 Prince St.

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 20100553

NAME OF SUBMITTER: Phouphanomketh Ditthavong

Total Attachments: 1

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OP \$40.00 130133

PATENT REEL: 025693 FRAME: 0818

Verizon Invention Assignment for Verizon Reference No.: 20100553 Page 1 of 1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned: Srinivas VENKATRAMAN, Ganesh KUMAR

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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

METHOD AND SYSTEM FOR PROVIDING A TESTING FRAMEWORK

| | Which has been I/we hereby authorize and request | executed by the un | dersigned conductors | currently herewith | , and in which case |
|-----------|--|--|---|---|---|
| | insert here in the parentheses (Appl | ication Number | , | filed |) the filing |
| | date and application number of said | application when kr | lOWII. | | |
| | which was filed | on and | assigned Appl | ication No. | |
| | and in and to said application, and reissue, provisional, and all other a United States and all foreign countri application; and in and to all origina States and foreign countries from an the filling of any of said applicatio Convention for the Protection of Ind | pplications for Letters on any of said im I and reissued pater y of said application ns; and in and to a | ers Patent which approvements or ats which have as, and in and all rights which | ch have been or s based on or claim been or shall be is to all rights of pric h may exist under | hall be filed in the ning priority to said ssued in the United ority resulting from |
| II. agre | that said Assignee may apply for a that, when requested, without charg legal representatives, to carry out in will execute all divisional, continuin applications on any and all said improf attorney and other papers; communicates known to undersigned relating everything possible which said Assigner aiding in securing and maintaining to said improvements and all applications and Assignee, its successors and assignee. | te to, but at the exp good faith the inter g (in whole or in parovements; execute unicate to said Assign g to said improve gnee, its successors no proper patent proteins for Letters Pa | ense of, said and purpose ort), substitute, all rightful oat gnee, its successments and the assigns or repotection for said | Assignee, its succoff this Assignme renewal, reissue, is, declarations, assors, assigns, and history thereof; presentatives shall dimprovements a | essors, assigns and nt, the undersigned and all other patent ssignments, powers representatives, all and generally do consider desirable and for vesting title |
| III. cove | enant with said Assignee, its succe mortgage, license, or other agreeme others by the undersigned, and that undersigned. | nt affecting the righ | its and propert | y herein identifico | l has been made to |
| IN WIT | NESS to our agreement to the forego | ng, we have execut | ed this Assigni | nent as set forth b | clow: |
| | entity (Assignee): Verizon Patent Ridge, NJ 07920 USA. | and Licensing Inc. | , having a plac | ce of business at | One Verizon Way, |
| ASSIGN | <u>iors:</u> | | | | |
| Signatur | re: | ** | Date: 25 | In January | 2011 |
| Signatur | e: | | Date: <u>25 π</u> | th January | loh |
| | | | | J | |

VPLI, Feb. 2009

PATENT REEL: 025693 FRAME: 0819