PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3780167

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ASSIGNEE NAME FROM "BIG SWITCH CORPORATION" TO "BIG SWITCH NETWORKS, INC." previously recorded on Reel 028895 Frame 0284. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST. |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| SRINIVASAN RAMASUBRAMANIAN | 08/30/2012 |
| KANZHE JIANG | 08/30/2012 |
| ROBERT EDWARD ADAMS | 08/30/2012 |
| ROBERT W. SHERWOOD | 08/30/2012 |
| SUBRATA BANERJEE | 08/30/2012 |

RECEIVING PARTY DATA

| Name: | BIG SWITCH NETWORKS, INC. |
|-----------------|---------------------------|
| Street Address: | 430 COWPER ST. |
| City: | PALO ALTO |
| State/Country: | CALIFORNIA |
| Postal Code: | 94301 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | | |
|---------------------|----------|--|--|--|--|
| Application Number: | 13603160 | | | | |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: tiffanyishihara@gmail.com

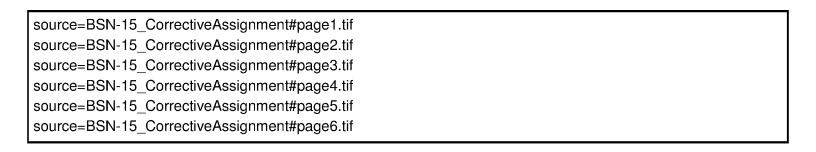
Correspondent Name: TIFFANY ISHIHARA-COMPTON **Address Line 1:** 870 MARKET STREET, STE 975

Address Line 4: SAN FRANCISCO, CALIFORNIA 94102

| ATTORNEY DOCKET NUMBER: | BSN-15 | | | |
|-------------------------|-------------------------------|--|--|--|
| NAME OF SUBMITTER: | TIFFANY ISHIHARA-COMPTON | | | |
| SIGNATURE: | /Tiffany R. Ishihara-Compton/ | | | |
| DATE SIGNED: | 03/11/2016 | | | |
| | | | | |

Total Attachments: 6

PATENT REEL: 038066 FRAME: 0787



PATENT REEL: 038066 FRAME: 0788

ASSIGNMENT

WHEREAS, We, Srinivasan Ramasubramanian, Kanzhe Jiang, Robert Edward Adams, Robert W. Sherwood, and Subrata Banerjee, residing respectively at 10 Passage Ln., Redwood City, California 94065, 13264 Rhoda Drive, Los Altos Hills, California 94022, 1612 Toyon Ct., San Mateo, California 94403, 820 Clark Way, Palo Alto, California 94304, and 125 Mountain View Ave., Los Altos, California 94024, have made an invention entitled:

SYSTEMS AND METHODS FOR FORWARDING NETWORK PACKETS IN A NETWORK USING NETWORK DOMAIN TOPOLOGY INFORMATION

and

(1) are about to make an application for United States
Letters Patent therefor, the same having been executed by us
on even date herewith

OR

| (2) have made an application for United States Letters |
|--|
| Patent therefor, the same having been filed on |
| () under Application No. (), in |
| connection with which we hereby authorize and request the |
| assignee's attorneys associated with Customer Number 36532 |
| to insert within the foregoing parentheses the filing date |
| and Application No. of said application when known; and |

WHEREAS, BIG SWITCH NETWORKS, INC., a corporation organized and existing under the laws of the State of Delaware and having an address of 430 Cowper St., Suite 250, Palo Alto, California 94301, is desirous of acquiring the entire interest in said invention, said United States patent

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application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said BIG SWITCH NETWORKS, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said BIG SWITCH NETWORKS, INC. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

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IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

| 8 30 2012 Date | Srinivasan Ramasubramanian |
|-------------------|----------------------------|
| 8/30/2012 Date | Kanzhe Yhang |
| 8/30/2012 Date | Pobert Edward Adams |
| 4/30/2012 Date | Rgbert W. Sherwood |
| Date | Subrata Banerjee |

| | | IN | TESTI | ONY | WHERE | OF, | we | have | hereunto | signed | our | |
|----------------|----|--------|---|---------------|--------|---------------------|--------------|-------|------------|---------|---------------------------------------|--|
| names | on | the | dates | ind | icated | hei | reir | afte | r. | | | |
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| Date | | | | | Ro | Robert Edward Adams | | | | | | |
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| | | | *************************************** | | | | | | | | | |
| | Da | ate | | | | Ro | ber | t W. | Sherwood | | | |
| Aug | 30 | oth, | 2012 | . | | \bigcirc | Z | leet | Lane | ye" | | |
| TA A | Da | ate | - | | | Z. | ıbra | ta B | anerjee / | / | · · · · · · · · · · · · · · · · · · · | |
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