

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christopher D. Liljenstolpe</td> <td>02/21/2012</td> </tr> <tr> <td>R. Kyle Forster</td> <td>02/22/2012</td> </tr> <tr> <td>Daniel C. Hersey</td> <td>02/22/2012</td> </tr> <tr> <td>Balaji Sivasubramanian</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christopher D. Liljenstolpe	02/21/2012	R. Kyle Forster	02/22/2012	Daniel C. Hersey	02/22/2012	Balaji Sivasubramanian	02/22/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Big Switch Corporation</td> </tr> <tr> <td>Street Address:</td> <td>430 Cowper St.</td> </tr> <tr> <td>City:</td> <td>Palo Alto</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94301</td> </tr> </table>		Name:	Big Switch Corporation	Street Address:	430 Cowper St.	City:	Palo Alto	State/Country:	CALIFORNIA	Postal Code:	94301
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CORRESPONDENCE DATA											
<p>Fax Number: (415)837-0651</p> <p>Email: ksoss@treylawgroup.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Kajsa Soss</p> <p>Address Line 1: 870 Market Street</p> <p>Address Line 2: Suite 984</p> <p>Address Line 4: San Francisco, CALIFORNIA 94102</p>											
ATTORNEY DOCKET NUMBER:	BSN-13										
NAME OF SUBMITTER:	Kajsa Soss										
<p>Total Attachments: 3</p> <p>source=BSN-13_Assignment#page1.tif</p> <p>source=BSN-13_Assignment#page2.tif</p> <p>source=BSN-13_Assignment#page3.tif</p>											

OP \$40.00 13403776

A S S I G N M E N T

WHEREAS, We, Christopher D. Liljenstolpe, R. Kyle Forster, Daniel C. Hersey, and Balaji Sivasubramanian, residing respectively in San Francisco, California, at 301 Main St. Apt 3B, San Francisco, California 94105, at 12106 W. Morning Vista Drive, Peoria, Arizona 85383, and at 1101 S. Main St. Apt 234, Milpitas, California 95035, have made an invention entitled:

SYSTEM AND METHODS FOR MANAGING NETWORK PACKET FORWARDING  
WITH A CONTROLLER

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

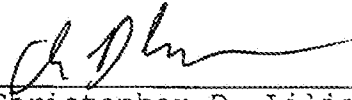
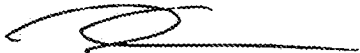


WHEREAS, BIG SWITCH NETWORKS, INC., a corporation organized and existing under the laws of the State of Delaware and having an address of 430 Cowper St., Suite 250, Palo Alto, California 94301, is desirous of acquiring the entire interest in said invention, said United States patent

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.

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

<u>21 Feb 2012</u> Date	 Christopher D. Liljenstolpe
<u>2-22-12</u> Date	 R. Kyle Forster
<u>2-22-12</u> Date	 Daniel C. Hersey
<u>2-22-12</u> Date	 Balaji Sivasubramanian