

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>Kuang-Ching Wang</td> <td>03/15/2013</td> </tr> <tr> <td>Srinivasan Ramasubramanian</td> <td>03/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kuang-Ching Wang	03/15/2013	Srinivasan Ramasubramanian	03/15/2013
Name	Execution Date						
Kuang-Ching Wang	03/15/2013						
Srinivasan Ramasubramanian	03/15/2013						
RECEIVING PARTY DATA							
Name:	Big Switch Networks, Inc.						
Street Address:	100 W. Evelyn Avenue						
Internal Address:	Suite 110						
City:	Mountain View						
State/Country:	CALIFORNIA						
Postal Code:	94041						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13843138</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13843138		
Property Type	Number						
Application Number:	13843138						
CORRESPONDENCE DATA							
Fax Number:	4158370651						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	BSN-21						
NAME OF SUBMITTER:	Tiffany R. Ishihara						
Total Attachments: 2 source=BSN-21_Assignment#page1.tif source=BSN-21_Assignment#page2.tif							

OP \$40.00 13843138

PATENT

A S S I G N M E N T

WHEREAS, We, Kuang-Ching Wang and Srinivasan Ramasubramanian, residing respectively at 110 Brookstone Way, Central, South Carolina 29630 and 10 Passage Ln., Redwood City, California 94065, have made an invention entitled:

SYSTEMS AND METHODS FOR DETERMINING NETWORK FORWARDING PATHS
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 100 W. Evelyn Avenue, Suite 110, Mountain View, California 94041, 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.

March 15 2013

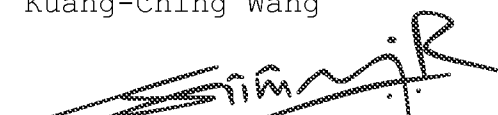
Date



Kuang-Ching Wang

March 15, 2013

Date



Srinivasan Ramasubramanian