

## 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>Ahmed R. BASHANDY</td> <td>06/27/2013</td> </tr> <tr> <td>Eric C. ROSEN</td> <td>06/27/2013</td> </tr> <tr> <td>Clarence FILSFILS</td> <td>07/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ahmed R. BASHANDY	06/27/2013	Eric C. ROSEN	06/27/2013	Clarence FILSFILS	07/03/2013
Name	Execution Date								
Ahmed R. BASHANDY	06/27/2013								
Eric C. ROSEN	06/27/2013								
Clarence FILSFILS	07/03/2013								
RECEIVING PARTY DATA									
Name:	Cisco Technology, Inc.								
Street Address:	170 West Tasman Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134-1706								
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>13935639</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13935639				
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CORRESPONDENCE DATA									
Fax Number:	2028870336								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(202) 261-1059								
Email:	turkevich@mdslaw.com								
Correspondent Name:	Leon R. Turkevich								
Address Line 1:	2000 M Street, N.W.								
Address Line 2:	Suite 700								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036-3307								
ATTORNEY DOCKET NUMBER:	10-272								
NAME OF SUBMITTER:	Leon R. Turkevich								
Signature:	/Leon R. Turkevich #34035/								

Date:

07/05/2013

Total Attachments: 5

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Docket No.: 10-272

ASSIGNMENT

WHEREAS WE, AHMED R. BASHANDY of Milpitas, California, CLARENCE FILSFILS of Brussels, Belgium, and ERIC C. ROSEN of Arlington, Massachusetts, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SCALABLE BGP PROTECTION FROM EDGE NODE FAILURE USING DYNAMICALLY ASSIGNED LABELS IN DATA PACKETS executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

The undersigned hereby authorize(s) Leon R. Turkevich of 2000 M Street N.W., Suite 700, Washington, DC 20036 (and the attorneys of USPTO Customer No. 23164) to insert hereon any further identification necessary or desirable for recordation of this document.

Jun/27/2013  
Date

  
AHMED R. BASHANDY

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Date                      Witness 1 Signature

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Date                      Witness 2 Signature

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Witness 1 Printed Name

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Witness 2 Printed Name

**Docket No.: 10-272**

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Date

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CLARENCE FILSFILS

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Date      Witness 1 Signature

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Date      Witness 2 Signature

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Witness 1 Printed Name

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Witness 2 Printed Name

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Date

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ERIC C. ROSEN

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AHMED R. BASHANDY

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Date      Witness 2 Signature

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CLARENCE FILSFILS

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Witness 2 Printed Name

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Date      6/27/13

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Date      *Eric C. Rosen*  
ERIC C. ROSEN

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Date      Witness 1 Signature

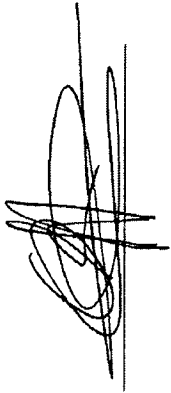
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03/07/2013



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CLARENCE FILSPILS

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Witness 2 Printed Name

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ERIC C. ROSEN

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Date      Witness 2 Signature

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Witness 2 Printed Name

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