

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>Shiva BHANUJAN</td> <td>03/13/2013</td> </tr> <tr> <td>Senhua HUANG</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shiva BHANUJAN	03/13/2013	Senhua HUANG	03/12/2013
Name	Execution Date						
Shiva BHANUJAN	03/13/2013						
Senhua HUANG	03/12/2013						
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>13802619</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13802619		
Property Type	Number						
Application Number:	13802619						
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:	10-257						
NAME OF SUBMITTER:	Leon R. Turkevich						
Total Attachments: 4 source=10-257_Assignment_annotated#page1.tif source=10-257_Assignment_annotated#page2.tif source=10-257_Assignment_annotated#page3.tif source=10-257_Assignment_annotated#page4.tif							

CH \$40.00 13802619

Application No. 13/802,619, filed March 13, 2013

Docket No.: 10-257

ASSIGNMENT

WHEREAS WE, SHIVA BHANUJAN of Fremont, California, and SENHUA HUANG of Davis, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled INSTANTIATING AN APPLICATION FLOW INTO A CHAIN OF SERVICES IN A VIRTUAL DATA CENTER, 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;

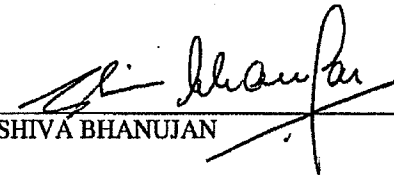
NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention 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.

03/13/2013
Date


SHIVA BHANUJAN

Date Witness 1 Signature

Date Witness 2 Signature

Witness 1 Printed Name

Witness 2 Printed Name

Docket No.: 10-257

Application No. 13/802,619, filed March 13, 2013

Date

SENHUA HUANG

Date

Witness 1 Signature

Date

Witness 2 Signature

Witness 1 Printed Name

Witness 2 Printed Name

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WHEREAS WE, SHIVA BHANUJAN of Fremont, California, and SENHUA HUANG of Davis, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled INSTANTIATING AN APPLICATION FLOW INTO A CHAIN OF SERVICES IN A VIRTUAL DATA CENTER, 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.

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SHIVA BHANUJAN

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Date Witness 2 Signature

Witness 1 Printed Name


Witness 2 Printed Name

Application No. 13/802,619, filed March 13, 2013

Docket No.: 10-257

Mar. 12, 2013

Date



SENHUA HUANG

Date Witness 1 Signature

Date Witness 2 Signature

Witness 1 Printed Name

Witness 2 Printed Name

Assignment Page 2 of 2