

## PATENT ASSIGNMENT COVER SHEET

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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>JIGAR SHAH</td> <td>01/22/2014</td> </tr> <tr> <td>PETER ZHU</td> <td>01/28/2014</td> </tr> <tr> <td>JAYARAMAN IYER</td> <td>01/28/2014</td> </tr> <tr> <td>BHASKAR BHUPALAM</td> <td>01/20/2014</td> </tr> </tbody> </table>		Name	Execution Date	JIGAR SHAH	01/22/2014	PETER ZHU	01/28/2014	JAYARAMAN IYER	01/28/2014	BHASKAR BHUPALAM	01/20/2014
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PETER ZHU	01/28/2014										
JAYARAMAN IYER	01/28/2014										
BHASKAR BHUPALAM	01/20/2014										
RECEIVING PARTY DATA											
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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>14156124</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14156124						
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	CSCO-022788 US PRI										
NAME OF SUBMITTER:	GARY J. PITZER										

Signature:	/Gary J. Pitzer/
Date:	02/11/2014
Total Attachments: 5 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif	

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors "Assignor"), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc., ("Assignee") a California corporation having an address of 170 West Tasman Drive, San Jose, California 95134-1706, desires to acquire all right, title, and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon.

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Attorney Docket No.: CSCO-022788 US PRI

Title of the Invention: **ADAPTIVE BITRATE MODIFICATION OF A MANIFEST FILE**

Signature of Inventor:  \_\_\_\_\_

Inventor's Name: JIGAR SHAH

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Citizenship: INDIA

Date: 01/22/2014

Attorney Docket No.: CSCO-022788 US PRI

Title of the Invention: **ADAPTIVE BITRATE MODIFICATION OF A MANIFEST FILE**

Signature of Inventor: 

Inventor's Name: PETER ZHU

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CUPERTINO, CA 95014

Citizenship: USA

Date: 1/28/2014

Attorney Docket No.: CSCO-022788 US PRI

Title of the Invention: **ADAPTIVE BITRATE MODIFICATION OF A MANIFEST FILE**Signature of Inventor: Jayaraman IyerInventor's Name: JAYARAMAN IYERResidence (City, State): San Jose, CAPost Office Address: 961 Riviera CourtSan Jose, CA 95129Citizenship: USADate: Jan 28, 2014

Title of the Invention: **ADAPTIVE BITRATE MODIFICATION OF A MANIFEST FILE**

Signature of Inventor: B. Bhupalam

Inventor's Name: BHASKAR BHUPALAM

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Date: 1/20/14