

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Elango Ganesan</td><td>06/13/2008</td></tr><tr><td>Lawrence Rolfe Kreeger</td><td>06/13/2008</td></tr><tr><td>Song Lu</td><td>06/18/2008</td></tr><tr><td>Michael Freed</td><td>06/30/2008</td></tr><tr><td>Arijit Mukherji</td><td>06/30/2008</td></tr><tr><td>Rituraj Kirti</td><td>06/13/2008</td></tr></tbody></table>	Name	Execution Date	Elango Ganesan	06/13/2008	Lawrence Rolfe Kreeger	06/13/2008	Song Lu	06/18/2008	Michael Freed	06/30/2008	Arijit Mukherji	06/30/2008	Rituraj Kirti	06/13/2008	
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Arijit Mukherji	06/30/2008														
Rituraj Kirti	06/13/2008														
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>12168836</td></tr></tbody></table>	Property Type	Number	Application Number:	12168836											
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Application Number:	12168836														
CORRESPONDENCE DATA															
Fax Number:	(510)663-0920														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	510-663-1100														
Email:	cbrown@wavsip.com														
Correspondent Name:	WAVS LLP														
Address Line 1:	P.O. BOX 70250														
Address Line 4:	OAKLAND, CALIFORNIA 94612-0250														
ATTORNEY DOCKET NUMBER:	CISCP575/955919														
NAME OF SUBMITTER:	Elise R. Heilbrunn														

CH \$40.00 12168836

PATENT

500585910

REEL: 021201 FRAME: 0668

Total Attachments: 5

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PATENT

REEL: 021201 FRAME: 0669

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

PHYSICAL RESOURCE TO VIRTUAL SERVICE NETWORK MAPPING IN A TEMPLATE BASED END-TO-END SERVICE PROVISIONING

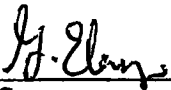
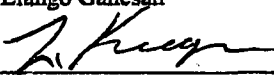
(Atty. Docket No. CISC575/955919), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No. _____. (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Cisco Technology, Inc., a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

- | | | |
|----|---|------------------------|
| 1) | Signature: <u></u> | Date: <u>6/13/2008</u> |
| | Typed Name: Elango Ganesan | |
| 2) | Signature: <u></u> | Date: <u>6/13/2008</u> |
| | Typed Name: Lawrence Rolfe Kreeger | |
| 3) | Signature: _____ | Date: _____ |
| | Typed Name: Song Lu | |

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Typed Name: Elango Ganesan | Date: _____ |
| 2) | Signature: _____
Typed Name: Lawrence Rolfe Kreeger | Date: _____ |
| 3) | Signature: 
Typed Name: Song Lu | Date: 06/18/08 |

4) Signature: 
Typed Name: Michael Freed

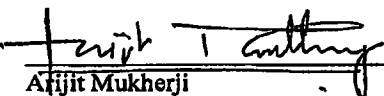
Date: June 30, 2008

5) Signature: _____
Typed Name: Arijit Mukherji

Date: _____

6) Signature: _____
Typed Name: Rituraj Kirti

Date: _____

5) Signature: 
Typed Name: Afijit Mukherji

6) Signature: _____
Typed Name: Rituraj Kirti

Date: 6/30/2008

Date: _____

- 4) Signature: _____ Date: _____
Typed Name: Michael Freed
- 5) Signature: _____ Date: _____
Typed Name: Arijit Mukherji
- 6) Signature: Rituraj Kirti Date: 6/13/08
Typed Name: Rituraj Kirti