PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Hariharan Balasubramanian | 05/17/2011 |

RECEIVING PARTY DATA

| Name: | Cisco Technology, Inc. |
|-----------------|------------------------|
| Street Address: | 170 West Tasman Drive |
| City: | San Jose |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13110166 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 971367

NAME OF SUBMITTER: Peggy A. Su

Total Attachments: 1

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CH \$40.00

PATENT REEL: 026299 FRAME: 0107

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND APPARATUS FOR PRESERVING EXTENSIONS IN MULTI-VENDOR TRILL NETWORKS

| ☐ (Atty. Docket No.: 971367) for which I (we) have executed an application for a United States Letters Patent on even date herewith. (Accompanying) ☐ which bears U.S. Patent Application No (Not Accompanying) ☐ which is a U.S. Provisional Patent Application. (Accompanying) | |
|--|----------|
| For good and valuable consideration, the receipt and sufficiency of which is here acknowledged, I/We the undersigned inventor(s) hereby: | by |
| 1) Sell(s), assign(s) and transfer(s) to Cisco Technology, Inc., a California corporation having place of business at 170 West Tasman Drive, San Jose, California 95134-1706 (hereinafter referred as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventio disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon tinformation which is disclosed in the above referenced application. | to ms |
| 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulti from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to t ASSIGNEE. | |
| 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE'S expense, performing any acts which are reasonably necessary in connection with the prosecution of said application, as we as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications. | ell |
| 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignees, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns. | |
| 5) Warrant and represent that I/we have not entered, and will not enter into any assignme contract, or understanding that conflicts with this assignment. | nt, |
| 6) Authorize and request my attorney/agent to insert above the Application No. in order to ass with the recordation of this assignment. | ist |
| 1) Signature: Date: 08//1/20// Typed Name: Hariharan Balasubramanian | |

PATENT

Docket No. 971367

RECORDED: 05/18/2011

REEL: 026299 FRAME: 0108