

## 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>Raghuram Rangarajan</td> <td>06/28/2013</td> </tr> <tr> <td>Paul Stager</td> <td>07/02/2013</td> </tr> <tr> <td>David S. Kloper</td> <td>06/28/2013</td> </tr> </tbody> </table>  |                        | Name          | Execution Date         | Raghuram Rangarajan | 06/28/2013            | Paul Stager | 07/02/2013 | David S. Kloper | 06/28/2013 |              |       |
| Name  | Execution Date         |               |                        |                     |                       |             |            |                 |            |              |       |
| Raghuram Rangarajan   | 06/28/2013             |               |                        |                     |                       |             |            |                 |            |              |       |
| Paul Stager   | 07/02/2013             |               |                        |                     |                       |             |            |                 |            |              |       |
| David S. Kloper   | 06/28/2013             |               |                        |                     |                       |             |            |                 |            |              |       |
| RECEIVING PARTY DATA  |                        |               |                        |                     |                       |             |            |                 |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>Cisco Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>170 West Tasman Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134</td> </tr> </table>                           |                        | Name:         | Cisco Technology, Inc. | Street Address:     | 170 West Tasman Drive | City:       | San Jose   | State/Country:  | CALIFORNIA | Postal Code: | 95134 |
| Name:   | Cisco Technology, Inc. |               |                        |                     |                       |             |            |                 |            |              |       |
| Street Address:   | 170 West Tasman Drive  |               |                        |                     |                       |             |            |                 |            |              |       |
| City:   | San Jose               |               |                        |                     |                       |             |            |                 |            |              |       |
| State/Country:  | CALIFORNIA             |               |                        |                     |                       |             |            |                 |            |              |       |
| Postal Code:  | 95134                  |               |                        |                     |                       |             |            |                 |            |              |       |
| 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>13933456</td> </tr> </tbody> </table>   |                        | Property Type | Number                 | Application Number: | 13933456              |             |            |                 |            |              |       |
| Property Type   | Number                 |               |                        |                     |                       |             |            |                 |            |              |       |
| Application Number:   | 13933456               |               |                        |                     |                       |             |            |                 |            |              |       |
| CORRESPONDENCE DATA   |                        |               |                        |                     |                       |             |            |                 |            |              |       |
| <p>Fax Number:<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216.592.5000<br/> Email: patents@tuckerellis.com<br/> Correspondent Name: Tucker Ellis LLP<br/> Address Line 1: 950 Main Avenue<br/> Address Line 2: Suite 1100<br/> Address Line 4: Cleveland, OHIO 44113</p> |                        |               |                        |                     |                       |             |            |                 |            |              |       |
| NAME OF SUBMITTER:  | Michael E. Hudzinski   |               |                        |                     |                       |             |            |                 |            |              |       |
| Signature:  | /MICHAEL E. HUDZINSKI/ |               |                        |                     |                       |             |            |                 |            |              |       |
| Date:   | 07/02/2013             |               |                        |                     |                       |             |            |                 |            |              |       |

OP \$40.00 13933456

**Total Attachments: 6**

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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION  
USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Application for:

**Tracking Radar Frequency Enabling More Channels**

As a below named inventor(s), I hereby declare that:

This declaration is directed to the attached application, or previously filed United States Patent Application or PCT International Application number \_\_\_\_\_, filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, we, as ASSIGNOR(S) signing below, hereby authorize and request the Applicant's attorney to insert below the filing date and application number when they become known.

U.S. Application No. 13/933,456, filed on July 2, 2013,

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document;

Whereas, **Cisco Technology, Inc.**, a corporation of California having a place of business at 170 West Tasman Drive, San Jose, California 95134 (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to Cisco Technology, Inc., the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in **Cisco Technology, Inc.**, its successors, legal representatives, and assigns, whenever requested by **Cisco Technology, Inc.**, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to **Cisco Technology, Inc.** and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any

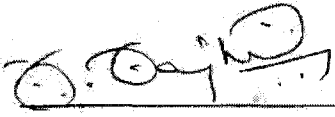
document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, Patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

Attorney Docket No.: 072255/000770

Name: Raghuram RANGARAJAN

Address: 2133 Kingsbury Circle  
Santa Clara, CA 95054

Signature: 

Date: 06/28/2013

Attorney Docket No.: 072255/000770

Name: Paul STAGER

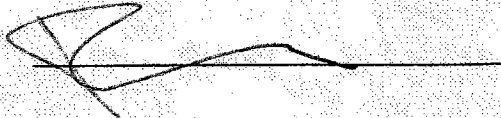
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Attorney Docket No.: 072255/000770

Name: David S. KLOPER

Address: 1877 Hillebrant Place  
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