

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul J. Stager	06/14/2010
Matthew A. Silverman	06/14/2010
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	
Property Type	Number
Application Number:	12823236
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	0370.0239C
NAME OF SUBMITTER:	D. Andrew Floam
Total Attachments: 1 source=ExecutedAssn#page1.tif	

OP \$40.00 12823236

ASSIGNMENT

For good and valuable consideration, WE, Paul J. Stager, a citizen of the United States of America, residing at 2190 Kemery Rd., Akron, Ohio 44333, and Matthew A. Silverman, a citizen of the United States of America, residing at 4125 Highlander Pkwy., Richfield, Ohio 44286, hereinafter individually or collectively referred to as "Assignor";

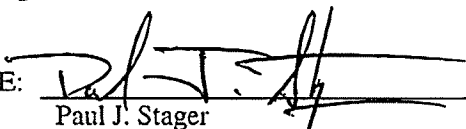
Hereby sell, assign and transfer to **Cisco Technology, Inc.**, a corporation organized and existing under the laws of California, having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

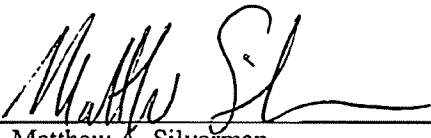
entitled: **ESTIMATING SPATIAL EXPANSION MATRIX
IN A MIMO WIRELESS COMMUNICATION SYSTEM**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:  DATE: 6/14/2010
Paul J. Stager

SIGNATURE:  DATE: 6/14/2010
Matthew A. Silverman