

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li Guo</td> <td>04/12/2011</td> </tr> <tr> <td>Hang Jin</td> <td>04/13/2011</td> </tr> <tr> <td>Paul J. Stager</td> <td>04/12/2011</td> </tr> <tr> <td>Neil R. Diener</td> <td>04/12/2011</td> </tr> <tr> <td>Matthew A. Silverman</td> <td>04/12/2011</td> </tr> <tr> <td>Chandra Vaidyanathan</td> <td>04/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Li Guo	04/12/2011	Hang Jin	04/13/2011	Paul J. Stager	04/12/2011	Neil R. Diener	04/12/2011	Matthew A. Silverman	04/12/2011	Chandra Vaidyanathan	04/08/2011
Name	Execution Date														
Li Guo	04/12/2011														
Hang Jin	04/13/2011														
Paul J. Stager	04/12/2011														
Neil R. Diener	04/12/2011														
Matthew A. Silverman	04/12/2011														
Chandra Vaidyanathan	04/08/2011														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Cisco Technology, Inc.														
<b>Street Address:</b>	170 West Tasman Drive														
<b>City:</b>	San Jose														
<b>State/Country:</b>	CALIFORNIA														
<b>Postal Code:</b>	95134-1706														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13086643</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13086643										
Property Type	Number														
Application Number:	13086643														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(301)762-4056														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	301-424-3640														
<b>Email:</b>	alc@usiplaw.com														
<b>Correspondent Name:</b>	Edell, Shapiro & Finnan, LLC														
<b>Address Line 1:</b>	1901 Research Boulevard														
<b>Address Line 2:</b>	Suite 400														
<b>Address Line 4:</b>	Rockville, MARYLAND 20850														
<b>ATTORNEY DOCKET NUMBER:</b>	0370.0526C (13/086,643)														

OP \$40.00 13086643

**501500911**

**PATENT**  
**REEL: 026126 FRAME: 0896**

NAME OF SUBMITTER:

D. Andrew Floam

Total Attachments: 4

source=ExecutedAssignment#page1.tif

source=ExecutedAssignment#page2.tif

source=ExecutedAssignment#page3.tif

source=ExecutedAssignment#page4.tif

**ASSIGNMENT**

For good and valuable consideration, WE, Li Guo, residing at 824 W. Royal Lane, #385, Irving, Texas 75039; Hang Jin, residing at 3708 Stoneway Drive, Plano, Texas 75025; Paul J. Stager, residing at 2190 Kemery Rd., Akron, Ohio 44333; Neil R. Diener, residing at 2355 Canterbury Ct., Hudson, Ohio 44236; Matthew A. Silverman, residing at 3015 E Belvoir Oval, Shaker Heights, Ohio 44122; and Chandra Vaidyanathan, residing at 4978 Cloister Dr., Rockville, Maryland 20852, 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: **ADAPTIVE INTERFERENCE NULLING FOR MIMO RECEIVER BASED ON INTERFERENCE CHARACTERISTICS**

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: _____ Li Guo	DATE: <u>04/12/2011</u>
SIGNATURE: _____ Hang Jin	DATE: <u>04/13/2011</u>
SIGNATURE: _____ Paul J. Stager	DATE: _____
SIGNATURE: _____ Neil R. Diener	DATE: _____
SIGNATURE: _____ Matthew A. Silverman	DATE: _____
SIGNATURE: _____ Chandra Vaidyanathan	DATE: _____

ASSIGNMENT

For good and valuable consideration, WE, Li Guo, residing at 824 W. Royal Lane, #385, Irving, Texas 75020; Hang Jin, residing at 2702 Stoneway Drive, Plano, Texas 75025; Paul J. Stager, residing at 2190 Kemery Rd., Akron, Ohio 44333; Neil R. Diener, residing at 2355 Canterbury Ct., Hudson, Ohio 44236; Matthew A. Silverman, residing at 3015 E Belvoir Oval, Shaker Heights, Ohio 44122; and Chandra Vaidyanathan, residing at 4978 Cloister Dr., Rockville, Maryland 20852, 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: **ADAPTIVE INTERFERENCE NULLING FOR MIMO RECEIVER BASED ON INTERFERENCE CHARACTERISTICS**

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: \_\_\_\_\_

Li Guo

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Hang Jin

SIGNATURE: \_\_\_\_\_ DATE: 4/12/2011

Paul J. Stager

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Neil R. Diener

SIGNATURE: \_\_\_\_\_ DATE: 4/12/2011

Matthew A. Silverman

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Chandra Vaidyanathan

ASSIGNMENT

For good and valuable consideration, WE, Li Guo, residing at 824 W. Royal Lane, #385, Irving, Texas 75039; Hang Jin, residing at 3708 Stoneway Drive, Plano, Texas 75025; Paul J. Stager, residing at 2190 Kemery Rd., Akron, Ohio 44333; Neil R. Diener, residing at 2355 Canterbury Ct., Hudson, Ohio 44236; Matthew A. Silverman, residing at 3015 E Belvoir Oval, Shaker Heights, Ohio 44122; and Chandra Vaidyanathan, residing at 4978 Cloister Dr., Rockville, Maryland 20852, 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: **ADAPTIVE INTERFERENCE NULLING FOR MIMO RECEIVER BASED ON INTERFERENCE CHARACTERISTICS**

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: _____ Li Guo	DATE: _____
SIGNATURE: _____ Hang Jin	DATE: _____
SIGNATURE: _____ Paul J. Stager	DATE: _____
SIGNATURE:  Neil R. Diener	DATE: 4/12/11
SIGNATURE: _____ Matthew A. Silverman	DATE: _____
SIGNATURE: _____ Chandra Vaidyanathan	DATE: _____

**ASSIGNMENT**

For good and valuable consideration, WE, Li Guo, residing at 824 W. Royal Lane, #385, Irving, Texas 75039; Hang Jin, residing at 3708 Stoneway Drive, Plano, Texas 75025; Paul J. Stager, residing at 2190 Kernery Rd., Akron, Ohio 44333; Neil R. Diener, residing at 2355 Canterbury Ct., Hudson, Ohio 44236; Matthew A. Silverman, residing at 3015 E Belvoir Oval, Shaker Heights, Ohio 44122; and Chandra Vaidyanathan, residing at 4978 Cloister Dr., Rockville, Maryland 20852, 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: **ADAPTIVE INTERFERENCE NULLING FOR MIMO RECEIVER BASED ON INTERFERENCE CHARACTERISTICS**

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: \_\_\_\_\_  
Li Guo

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Hang Jin

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Paul J. Stager

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Neil R. Diener

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Matthew A. Silverman

SIGNATURE: Chandra Vaidyanathan DATE: 04/08/11  
Chandra Vaidyanathan

**PATENT**