

# 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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Kyle A. Buzzard</td><td>03/05/2010</td></tr> <tr><td>Andrew R. Church</td><td>03/05/2010</td></tr> <tr><td>Ashok T. Desai</td><td>02/22/2010</td></tr> <tr><td>Daniel K. Harden</td><td>03/05/2010</td></tr> <tr><td>Juli A. Satoh</td><td>03/19/2010</td></tr> <tr><td>Richard T. Wales</td><td>02/22/2010</td></tr> <tr><td>Christopher L. Whittall</td><td>03/05/2010</td></tr> </tbody> </table> |                        | Name          | Execution Date         | Kyle A. Buzzard            | 03/05/2010            | Andrew R. Church | 03/05/2010 | Ashok T. Desai        | 02/22/2010 | Daniel K. Harden    | 03/05/2010 | Juli A. Satoh | 03/19/2010 | Richard T. Wales | 02/22/2010 | Christopher L. Whittall | 03/05/2010 |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Execution Date         |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Kyle A. Buzzard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 03/05/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Andrew R. Church                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 03/05/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Ashok T. Desai                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 02/22/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Daniel K. Harden                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 03/05/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Juli A. Satoh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 03/19/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Richard T. Wales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 02/22/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Christopher L. Whittall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 03/05/2010             |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>Cisco Technology, Inc.</td></tr> <tr><td><b>Street Address:</b></td><td>170 West Tasman Drive</td></tr> <tr><td><b>City:</b></td><td>San Jose</td></tr> <tr><td><b>State/Country:</b></td><td>CALIFORNIA</td></tr> <tr><td><b>Postal Code:</b></td><td>95134</td></tr> </table>                                                                                                                                                                                                                   |                        | <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      |               |            |                  |            |                         |            |
| <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                  |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>29369951</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                          |                        | Property Type | Number                 | <b>Application Number:</b> | 29369951              |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Number                 |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <b>Application Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 29369951               |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <p><b>Fax Number:</b> (972)226-4837</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 214-823-1241</p> <p><b>Email:</b> roseanne.cisneros@patcapgroup.com</p> <p><b>Correspondent Name:</b> Patent Capital Group - Cisco</p> <p><b>Address Line 1:</b> 6119 McCommas</p> <p><b>Address Line 4:</b> Dallas, TEXAS 75214</p>                                                                                                                                                                                                         |                        |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 03919.D0107 (972153)   |               |                        |                            |                       |                  |            |                       |            |                     |            |               |            |                  |            |                         |            |

CH \$40.00 29369951

**501291922**

**PATENT**  
**REEL: 024994 FRAME: 0553**

NAME OF SUBMITTER:

Thomas J. Frame

**Total Attachments: 8**

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**ASSIGNMENT**

**WHEREAS**, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Cisco Technology, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all provisional, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

2

Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Kyle A. Buzzard

Inventor's signature:



Date:

03/05/10

Post Office Address:

1086 Foxchase Drive, Apt. 288  
San Jose, CA 95123

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

3

Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Andrew R. Church

Inventor's signature:

  
\_\_\_\_\_

Date:

MARCH 5, 2010

Post Office Address:

6810 Broadway Terrace  
Oakland, CA 94611

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

4

Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Ashok T. Desai

Inventor's signature:

Ashok T. Desai

Date:

2/22/2010

Post Office Address:

45968 Omega Drive  
Fremont, CA 94539

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

5

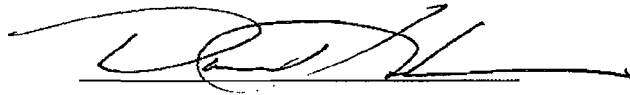
Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Daniel K. Harden

Inventor's signature:

A handwritten signature in black ink, appearing to read 'DKH', written over a horizontal line.

Date:

3.05.2010

Post Office Address:

760 Northampton Drive  
Palo Alto, CA 94303

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

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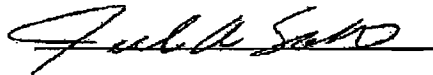
Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Juli A. Satoh

Inventor's signature:



Date:

3/19/2010

Post Office Address:

771 Alder Drive  
Milpitas, CA 95035



ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

7

Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Richard T. Wales

Inventor's signature:



Date:

2/22/10

Post Office Address:

760 Caribou Court  
Sunnyvale, CA 94087

ATTORNEY DOCKET NO.  
03919.D0107

ASSIGNMENT

8

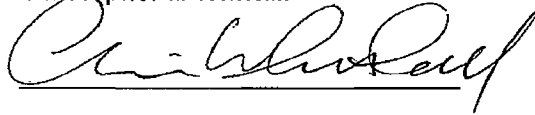
Title of Invention:

VIDEO UNIT WITH INTEGRATED FEATURES

Full name of inventor:

Christopher L. Whittall

Inventor's signature:

A handwritten signature in cursive script, appearing to read "Christopher L. Whittall", written over a horizontal line.

Date:

3.5.10

Post Office Address:

17371 Locust Drive  
Los Gatos, CA 95033