

05-03-2006

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103230295  
PATENTS ONLY

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PC 5-1-06

**1. Name of conveying party(ies)**  
Steven G. Fry, December 12, 2005  
Thiyagesan Ramalingam, December 13, 2005  
Nermin Ismail, January 3, 2006  
Walter Friedrich, December 29, 2005  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Cisco Technology, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 170 W. Tasman Drive  
City: San Jose  
State: CA  
Country: USA Zip: 95134-1700  
Additional name(s) & address(es) attached?  Yes  No

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706/MAY-1 PM 3:27  
FINANCE SECTION

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) Dec. 12, 13, 14, 29, 2005 & Jan. 3, 2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
11/327,541  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Charles J. Kulas  
Internal Address: \_\_\_\_\_  
Trellis Intellectual Property Law Group, PC  
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Suite 109  
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Phone Number: 650-842-0300  
Fax Number: 650-842-0304  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 503000  
Authorized User Name Trellis Law Group,

**9. Signature:** Charles J. Kulas April 26, 2006  
Signature Date  
Charles J. Kulas, Reg. No. 35,809  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: \_\_\_\_\_

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Page 2 of 2

Title of Invention:

**METHOD AND ARCHITECTURE FOR DISTRIBUTED VIDEO SWITCHING USING MEDIA NOTIFICATIONS**

Inventor 5: Duanpei Wu, December 14, 2005

11516

01-18-2006

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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RET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Steven G. Fry , December 12, 2005  
Thiyagesan Ramalingam , December 13, 2005  
Nermin Ismail, Januaey 3, 2006  
Walter Friedrich , December 29, 2005  
Duannei Wu, December 13 & 14 2005  
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Internal Address: \_\_\_\_\_  
Street Address: 170 W. Tasman Drive  
City: San Jose  
State: CA  
Country: USA Zip: 95134  
Additional name(s) & address(es) attached?  Yes  No

113268 U.S. PTO  
11/327541



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**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12-12, 13, 14, 28, & 29-2005, 1-3-2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s) \_\_\_\_\_

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Charles J. Kulas  
Internal Address: Carpenter & Kulas, LLP  
Street Address: 1900 Embarcadero Road  
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State: CA Zip: 94303  
Phone Number: 650-842-0300  
Fax Number: 650-842-0304  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 503000  
Authorized User Name Carpenter & Kulas, LLP

**9. Signature:**

January 5, 2006  
Date

Charles J. Kulas, Reg. No. 35,809  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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01/11/2006 EHAILE1 00000002 11327541

06 FC:8021

(40.00 OP)

PATENT  
REEL: 017835 FRAME: 0066

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to -, Cisco Technology, Inc., having a place of business at 170 W. Tasman Drive, San Jose, CA 95134, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **METHOD AND ARCHITECTURE FOR DISTRIBUTED VIDEO SWITCHING USING MEDIA NOTIFICATIONS**

("APPLICATION"), which:

- is to be filed herewith  
 was filed on \_\_\_\_\_,  
 now bearing U.S. serial number \_\_\_\_\_; and

2. The entire worldwide right, title, and interest in and to:
  - (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

PATENT -

Title of Document: ASSIGNMENT

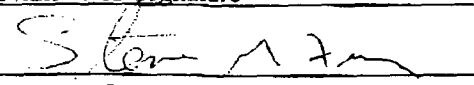
Re: Steven G. Fry, et al.


Title: Method and Architecture for Distributed Video Switching Using Media Notifications

Filed: (if applicable) Herewith

Atty. Docket No.: 100101-016700US/11692

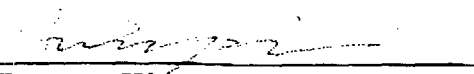
Serial No.: (if applicable)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Steven G. Fry	Dec 12, 2005	Dec 12, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Thiyagesan Ramalingam	Dec 13, 2005	Dec 13, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Nermin Ismail	_____, 2005	_____, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Walter Friedrich	_____, 2005	_____, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Duanpei Wu	Dec 14, 2005	Dec 14, 2005

PATENT

Title of Document: **ASSIGNMENT**

Re: Steven G. Fry, et al.

Title: Method and Architecture for Distributed Video Switching Using Media Notifications

Filed: (if applicable) Herewith

Atty. Docket No.: 100101-016700US/11692

Serial No.: (if applicable)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
_____	_____, 2005	_____, 2005
<b>Steven G. Fry</b>		

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
_____	_____, 2005	_____, 2005
<b>Thiyagesan Ramalingam</b>		

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
_____	_____, 2005	_____, 2005
<b>Nermin Ismail</b>		

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
_____	_____, 2005	_____, 2005
<b>Walter Friedrich</b>		

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
_____	_____, 2005	_____, 2005
<b>Duanpei Wu</b>		

