

06-28-2006



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FORM PTO-1590  
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ATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

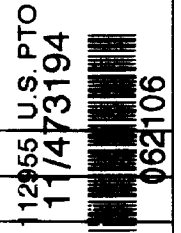
Docket No.: 50325-1296 (13249)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Kollivakkam Raghavan, Pravin Singhal, Sunil Potti,  
Tefcros Anthias  
  
Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):  
Name: Cisco Technology, Inc.  
  
Internal Address: \_\_\_\_\_  
  
Street Address: 170 West Tasman Drive  
  
City: San Jose State/Country CA ZIP: 95134-1706



3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 6/19/06, 6/19/06, 6/19/06, 6/21/06

Additional name(s) & address(es) attached?  Yes

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: 6/19/06, 6/19/06, 6/19/06, 6/22/06

A. Patent Application No(s).  
06/26/2006 LWDNDIH1 00000068 11473194  
01 FC:0021 (40.00 OF)

B. Patent No(s).  
Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Hickman Palermo Truong & Becker LLP  
Internal Address: \_\_\_\_\_  
Street Address: 2055 Gateway Place, Suite 550  
City: San Jose State: CA Zip: 95110-1089

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 50-1302

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
  
Christopher J. Palermo, Reg. No. 42,056

June 21, 2006

Name and Registration No. of Person Signing Signature Date:  
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

Express Mail Label #EV835722663US

PATENT  
REEL: 018092 FRAME: 0489

ASSIGNMENT

WHEREAS WE, KOLLIVAKKAM RAGHAVAN, of San Jose, California, U.S.A., PRAVIN SINGHAL, of Cupertino, California, U.S.A., SUNIL POTTI, of Castro Valley, California, U.S.A., and TEFCROS ANTHIAS, of Los Altos, California, U.S.A., have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled DYNAMICALLY ADDING APPLICATION LOGIC AND PROTOCOL ADAPTERS TO A PROGRAMMABLE NETWORK ELEMENT, and executed by us concurrently herewith;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

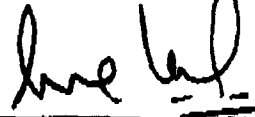
**ASSIGNMENT**

Attorney Docket No. 50325-1296 (Seq. No. 13249)


6/19/06  
Date

  
KOLLIVARTHAM RAGHAVAN

6/19/06  
Date

  
PRAVIN SINGHAL

6/19/06  
Date

  
SUNIL POTTI

6/21/06  
Date

  
TEFCROS ANTHIAS

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