

11-08-2004

HEET



102877504

To the Honorable commissioner of  
Please record the attached origin.

1. Name of conveying party(ies):  
Shyamasundar S. Kaluve  
Ian Foo  
Shyam Murthy  
Ramesh Ponnappalli  
Rajasekhar Manam  
  
Additional name(s) of conveying party(ies) attached? \_\_\_\_\_ Yes  No

2. Name and address of receiving party(ies):  
  
Name: Cisco Technology, Inc.  
  
Street Address: 170 West Tasman Drive  
  
City: San Jose  
  
State: CA Zip: 95134-1706  
  
Additional name(s) & address(es) Attached? \_\_\_\_\_ Yes  No

17510 U.S. PTO  
10/979536



110204

3. Nature of conveyance:  
 Assignment  
\_\_\_\_\_ Merger  
\_\_\_\_\_ Security Agreement  
\_\_\_\_\_ Change of Name  
\_\_\_\_\_ Other  
  
Execution Date: 10/20/2004, 10/22/2004

4. Application number(s) or patent number(s):  
  
If this document is being filed together with a new application, the execution date of the application is: 10/20/2004, 10/22/2004  
  
A. Patent Application No.(s) | B. Patent No. (s)  
  
Additional numbers attached? \_\_\_\_\_ Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Stephen E. Kabakoff  
  
Street Address: Cesari and McKenna, LLP  
88 Black Falcon Avenue  
  
City: Boston State: MA Zip: 02210

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 no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)

11/04/2004 BSAYAS11 00000044 10979536  
04 FC:8021 40.00 OP

DO NOT USE THIS SPACE

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.*  
  
Stephen E. Kabakoff, Reg. No. 51,276 *Steph E Kabakoff* November 2, 2004  
Name of Person Signing Signature Date

Total number of pages comprising cover sheet:

## ASSIGNMENT

Whereas We, Shyamasundar S. Kaluve, whose residence address is 2200 Monroe Street, Apt. 206, Santa Clara, CA 95050, Ian Foo, whose residence address is 4500 Queenstown Ct., Raleigh, NC 27612, Shyam Murthy, whose residence address is 3480 Granada Avenue, Apt. 323, Santa clara, CA 95051, Ramesh Ponnappalli, whose residence address is 003, Sai Golden Nest Apartments, Vignan Nagar, Malleshpalya, Bangalore-560075, Karnataka, India, and Rajasekhar Manam, whose residence address is 409, 7th Main, 13th Cross, ISRO Layout, Bangalore-560078, Karnataka State, India, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD TO DISTRIBUTE IEEE 802.1X AUTHENTICATED USERS AMONG MULTIPLE BROADCAST DOMAINS, identified by Cesari and McKenna File No. 112025-0566, which application was executed by us; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA 95134-1706, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional

consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

\_\_\_\_\_  
Date Shyamasundar S. Kaluve, Inventor

\_\_\_\_\_  
Date Ian Foo, Inventor

20 Oct 2004  
Date Shyam Murthy, Inventor

\_\_\_\_\_  
Date Ramesh Ponnappalli, Inventor

\_\_\_\_\_  
Date Rajasekhar Manam, Inventor

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2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional

consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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Date

\_\_\_\_\_  
Shyamasundar S. Kaluve, Inventor

\_\_\_\_\_  
Date

10/22/2004  
Date

\_\_\_\_\_  
Ian Foo, Inventor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Shyam Murthy, Inventor

\_\_\_\_\_  
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Ramesh Ponnappalli, Inventor

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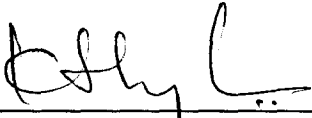
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10/20/04  
Date

  
Shyamasundar S. Kaluve, Inventor

                      
Date

                      
Ian Foo, Inventor

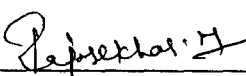
                      
Date

                      
Shyam Murthy, Inventor

20<sup>th</sup> Oct, 2004  
Date

P. V. N. Ramesh  
Ramesh Ponnappalli, Inventor

20<sup>th</sup> Oct 2004  
Date

  
Rajasekhar Manam, Inventor