

01-14-2003

ATTORNEY DOCKET: 062891.0751

Sheet 1 of 2

FORM PTO 1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102337349

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Party(ies) INDIVIDUAL:

Steven R. Glovin  
15 Old Farm Way  
Chelmsford, Massachusetts 01824

Individual Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?  
 Yes  No

1-6-03

2. Name and Address of receiving Party(ies):

Name: Cisco Technology, Inc.  
Internal Address: 170 West Tasman Drive  
Street Address: 170 West Tasman Drive  
City: San Jose  
State: California Zip: 95134

Additional name(s) & Address(es) attached?  Yes  No

JC951 U.S. PTO  
10/337452  
01/06/03

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: December 20, 2002 and January 3, 2003.

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: Dec. 20, 2002 and Jan. 3, 2003.

A. Patent Application No.(s):

B. Patent No.(s): 10337452  
Additional Numbers  Yes  No

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

Name: Barton E. Showalter  
Internal Address: BAKER BOTTS L.L.P.  
Street Address: 2001 Ross Avenue, Suite 600  
City: Dallas  
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:  
(Attach Duplicate Copy of this page if paying by deposit account)

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.*

Barton E. Showalter  
Signature:   
Date: Jan 6, 2003

Total number of pages including cover sheet

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

01/13/2003 LNUELLER 00000280 10337452

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PATENT  
REEL: 013646 FRAME: 0010

FORM PTO-1595  
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Stephen R. Quatrano  
76 Bloomfield Street  
Lexington, Massachusetts 02421  
Middlesex County  
Citizenship: United States of America

Michael P. Lepore  
93 Curtis Avenue  
Marlborough, Massachusetts 01752  
Middlesex County  
Citizenship: United States of America

Cun Yong (nmi) Tan  
12 Westland Drive  
Tewksbury, Massachusetts 01876  
Middlesex County  
Citizenship: United States of America

Ryan J. Schuft  
37 Worden Road  
Tyngsborough, Massachusetts 01879  
Middlesex County  
Citizenship: United States of America

**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 therefor, and all 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 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.

Title of Invention: CACHING INFORMATION FOR MULTIPLE SERVICE APPLICATIONS

Signature of Inventor: [Handwritten Signature]  
Inventor's Name: Steven R. Glovin

Residence (City, County, State) Chelmsford, Middlesex County, Massachusetts

Date: 12/20/2007

Date Application Executed: 12/20/2002

STATE OF \_\_\_\_\_

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COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this day personally appeared **Steven R. Glovin**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes therein stated.

SUBSCRIBED AND SWORN TO BEFORE ME on this 2 day of DECEMBER 2002.

[Handwritten Signature]  
Notary Public in and for the  
State of MASSACHUSETTS

WENDA C. PATON  
(Printed or Typed Name of Notary)  
OCT. 23, 2009  
(My Commission Expires)

**WENDA C. PATON**  
**NOTARY PUBLIC**  
My Commission Expires Oct. 23, 2009

PATENT

REEL: 013646 FRAME: 0013

Title of the Invention:

CACHING INFORMATION FOR MULTIPLE  
SERVICE APPLICATIONS

Signature of Inventor:  
Inventor's Name:

*[Handwritten Signature]*  
Stephen R. Quatrano

Residence (City, County, State)

Lexington, Middlesex County, Massachusetts

Date:

12/20/2002

Date Application Executed:

12/20/2002

STATE OF \_\_\_\_\_

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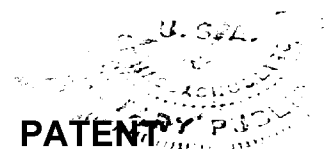
BEFORE ME, the undersigned authority, on this day personally appeared **Stephen R. Quatrano**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes therein stated.

SUBSCRIBED AND SWORN TO BEFORE ME on this 20<sup>th</sup> day of DECEMBER 2002.

*Wenda C. Paton*  
Notary Public in and for the  
State of MASSACHUSETTS

WENDA C. PATON  
(Printed or Typed Name of Notary)  
10/23/2009  
(My Commission Expires)

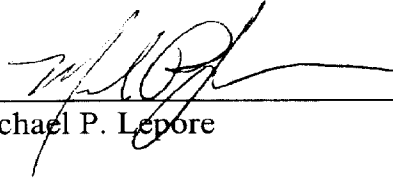
WENDA C. PATON  
NOTARY PUBLIC  
My Commission Expires Oct. 23, 2009



Title of the Invention:

CACHING INFORMATION FOR MULTIPLE  
SERVICE APPLICATIONS

Signature of Inventor:  
Inventor's Name:

  
\_\_\_\_\_  
Michael P. Lepore

Residence (City, County, State)

Marlborough, Middlesex County, Massachusetts

Date:

12/20/2002  
\_\_\_\_\_

Date Application Executed:

12/20/2002  
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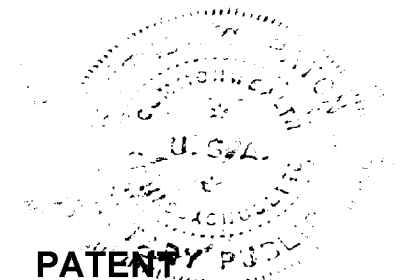
BEFORE ME, the undersigned authority, on this day personally appeared **Michael P. Lepore**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes therein stated.

SUBSCRIBED AND SWORN TO BEFORE ME on this 20<sup>th</sup> day of DECEMBER  
2002.

  
\_\_\_\_\_  
Notary Public in and for the  
State of MASSACHUSETTS

WENDA C. PATON  
\_\_\_\_\_  
(Printed or Typed Name of Notary)  
OCT. 29, 2009  
\_\_\_\_\_  
(My Commission Expires)

WENDA C. PATON  
NOTARY PUBLIC  
My Commission Expires Oct. 23, 2009



Title of the Invention: CACHING INFORMATION FOR MULTIPLE SERVICE APPLICATIONS

Signature of Inventor: [Handwritten Signature]  
Inventor's Name: Cun Yong (nmi) Yan

Residence (City, County, State) Tewksbury, Middlesex County, Massachusetts

Date: 12/20/2002

Date Application Executed: 12/20/2002

STATE OF \_\_\_\_\_ §  
COUNTY OF \_\_\_\_\_ §

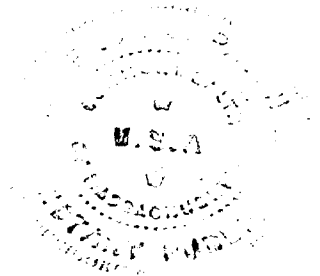
BEFORE ME, the undersigned authority, on this day personally appeared **Cun Yong Tan**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes therein stated.

SUBSCRIBED AND SWORN TO BEFORE ME on this 20<sup>th</sup> day of DECEMBER 2002.

Wenda C. Paton  
Notary Public in and for the  
State of MASSACHUSETTS

WENDA C. PATON  
(Printed or Typed Name of Notary)  
OCTOBER 23, 2009  
(My Commission Expires)

**WENDA C. PATON**  
**NOTARY PUBLIC**  
My Commission Expires Oct. 23, 2009



Title of the Invention:

CACHING INFORMATION FOR MULTIPLE  
SERVICE APPLICATIONS

Signature of Inventor:

Inventor's Name:

Ryan J. Schuft

Residence (City, County, State)

Tyngsborough, Middlesex County,  
Massachusetts

Date:

01/03/2003

Date Application Executed:

01/03/2003

STATE OF \_\_\_\_\_

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COUNTY OF \_\_\_\_\_

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BEFORE ME, the undersigned authority, on this day personally appeared **Ryan J. Schuft**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes therein stated.

SUBSCRIBED AND SWORN TO BEFORE ME on this 3<sup>rd</sup> day of JANUARY, ~~2002~~ 2003.

Notary Public in and for the  
State of MASSACHUSETTS

WENDA C. PATON  
(Printed or Typed Name of Notary)

OCT. 23, 2009  
(My Commission Expires)

**WENDA C. PATON**  
**NOTARY PUBLIC**  
My Commission Expires Oct. 23, 2009



**PATENT**