

06-16-2000

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GOVERNMENT RECORDATION COVER SHEET  
-PATENTS ONLY-

1c520 U.S. PTO  
09/588027  
06/05/00

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Martin Cieslak
- b) James Aviani
- c) Martin Kagan

2. Name and address of receiving party(ies):

- a) Name: Cisco Technology, Inc.  
Address: 170 W. Tasman Drive  
San Jose, CA 95134-1706

3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Date: March 31, 2000 [Cieslak]; April 27, 2000 [Aviani]; April 26, 2000 [Kagan]

4. Application Number(s) or Patent Number(s): NEW

The title of the (new) application is: NETWORK CACHE-BASED CONTENT ROUTING

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 022434**  
 BEYER WEAVER & THOMAS, LLP  
 P.O. Box 130  
 Mountain View, CA 94042-0130  
 Telephone (510) 843-6200  
 Fax (510) 843-6203



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PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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04 FC:581

- Enclosed <sup>40.00 fee</sup>
- Any additional fees are authorized to be charged to Deposit Account No. 50-0388 (Order No. CISCP139)

8. 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.

Date: June 5, 2000

\_\_\_\_\_  
 Joseph M. Villeneuve  
 Registration No. 37,460

**ASSIGNMENT OF PATENT APPLICATION**

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**NETWORK CACHE-BASED CONTENT ROUTING**

(Atty. Docket No. CISCP139/1594) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Cisco Technology, Inc.**, a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

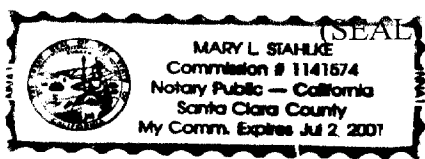
Signed on the date(s) indicated beside my (our) signature(s).

1) Signature: *Martin Cieslak* Date: 3/31/00  
 Typed Name: Martin Cieslak

County of Santa Clara )  
 State of California ) ss.

On this 31<sup>st</sup> day of March in the year 2000, before me, Mary L. Stahlke, personally appeared Martin Cieslak personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.  
 Signature *Mary L. Stahlke*



(Updated 5/18/98)

2) Signature: \_\_\_\_\_  
Typed Name: **James Aviani**

Date: 4/27/2000

County of Santa Clara )  
State of California ) ss.

On this 27<sup>th</sup> day of April, in the year 2000 before me, Mary L. Stahlke personally appeared James Aviani, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~no~~ she executed the same in ~~his~~ her authorized capacity(ies), and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.  
Signature Mary L. Stahlke



3) Signature: \_\_\_\_\_  
Typed Name: **Martin Kagan**

Date: \_\_\_\_\_

County of \_\_\_\_\_ )  
State of \_\_\_\_\_ ) ss.

On this \_\_\_\_ day of \_\_\_\_\_, in the year \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.  
Signature \_\_\_\_\_

(SEAL)

**ASSIGNMENT OF PATENT APPLICATION**  
(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**NETWORK CACHE-BASED CONTENT ROUTING**

(Atty. Docket No. CISCP139/1594) for which I (we) have executed an application for a United States Letters Patent.

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- 1) Sell(s), assign(s) and transfer(s) to **Cisco Technology, Inc.**, a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: **Martin Cieslak**

County of \_\_\_\_\_ )  
State of \_\_\_\_\_ ) ss.

On this \_\_\_\_ day of \_\_\_\_\_, in the year \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (SEAL)

2) Signature: \_\_\_\_\_  
Typed Name: **James Aviani**

Date: \_\_\_\_\_

County of \_\_\_\_\_ )  
State of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

(SEAL)

3) Signature: Martin Kagan  
Typed Name: **Martin Kagan**

Date: 4/26/00

County of San Mateo )  
State of California ) ss.

On this 26th day of April, in the year 2000, before me, Kristin A. Jones, personally appeared Martin Kagan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kristin A. Jones

(SEAL)



(Updated 5/18/98)