

07-03-2006

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



103267184  
PATENTS ONLY

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

6.23.06

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

Kevin Shatzkamer, May 11, 2006  
Anand K Oswal, May 15, 2006  
Chris O'Rourke, May 11, 2006  
Mark Grayson, May 16, 2006, Jayaraman Iyer, May 15, 2006

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

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

Execution Date(s) 5/11/2006;5/15/2006;5/16/2006

- 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)

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

Street Address: 1900 Embarcadero Road

Suite 109

City: Palo Alto

State: CA Zip: 94303-3310

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, PC

**9. Signature:**

Signature

June 23, 2006

Date

Charles J. Kulas, Reg. No. 35,809

Name of Person Signing

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

7

Documents to be recorded (including cover sheet) should be faxed to 1-877-220-6140 or mailed to 11473767  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

40.00



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112967 U.S. PTO  
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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 **SYSTEM AND METHOD FOR ENSURING PERSISTENT COMMUNICATIONS BETWEEN A CLIENT AND AN AUTHENTICATION SERVER**

("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: Kevin Shatzkamer, et al.

Title: System and Method for Ensuring Persistent Communications Between a Client and an Authentication Server

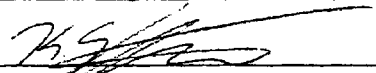
Filed: (if applicable) Herewith

Atty. Docket No.: 100101-022500US/13369

Serial No.: (if applicable)

Name and Signature

Date of Signature



May 11, 2006

**Kevin Shatzkamer, et al.**

Name and Signature

Date of Signature

\_\_\_\_\_

\_\_\_\_\_, 2006

**Anand K Oswal**

Name and Signature

Date of Signature

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Name and Signature

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**Jayaraman Iyer**

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*Anand K Oswal*

*May 15<sup>th</sup>*

Anand K Oswal

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Name and Signature

Date of Signature

Chris O'Rourke

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\_\_\_\_\_, 2006

Name and Signature

Date of Signature

*Mark Grayson*

05-16 -

\_\_\_\_\_, 2006

Mark Grayson

Name and Signature

Date of Signature

Jayaraman Iyer

\_\_\_\_\_, 2006