

07-06-2005



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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.

1. Name of conveying party(ies)

Jagannathan Shiva Shankar, June 17, 2005
Ottalingam Satyanarayanan, June 3, 2005
Boris Degtyar, June 3, 2005

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

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

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

Execution Date(s) June 3 and June 17, 2005

- 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: Carpenter & Kulas, LLP

Street Address: 1900 Embarcadero Road

Suite 109

City: Palo Alto

State: CA Zip: 94303

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 Carpenter & Kulas, LLP

9. Signature:

Signature

June 23, 2005

Date

John W. Carpenter, Reg. No. 26,447

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

06/29/2005 HLE333 00000048 11167000

05 FC:8021

40.00 DP

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 DEBUGGING AN APPLICATION**

("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: Jagannathan Shiva
Shankar, et al.

Title:

SYSTEM AND METHOD FOR DEBUGGING AN
APPLICATION

Filed: (if applicable)

Herewith

Any. Docket No.:

100101-008300US/10256

Serial No.: (if applicable)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>J. Shiva Shankar</u> Jagannathan Shiva Shankar	<u>17 June, 2005</u>	<u>17 June, 2005</u>

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Ottalingam Satyanarayanan</u>	<u>_____, 2005</u>	<u>_____, 2005</u>

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Boris Degtyar</u>	<u>_____, 2005</u>	<u>_____, 2005</u>

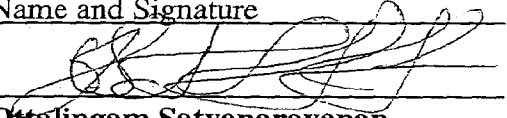
Title of Document: ASSIGNMENT

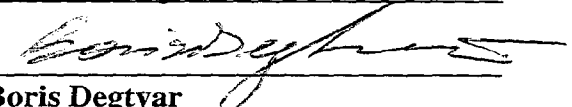
Re: Jagannathan Shiva
Shankar, et al.

Title: **SYSTEM AND METHOD FOR DEBUGGING AN
APPLICATION**

Filed: (if applicable) Herewith
Atty. Docket No.: 100101-008300US/10256
Serial No.: (if applicable)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Jagannathan Shiva Shankar</u>	_____, 2005	_____, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u></u> Ottalingam Satyanarayanan	6/3 / , 2005	_____, 2005

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u></u> Boris Degtyar	6/3 , 2005	_____, 2005