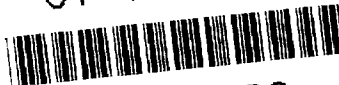


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Sheet 1 of 2

FORM PTO 1595  
1-31-92101946482  
COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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:

Shmuel (nmi) Shaffer  
1211 Cowper Street  
Paolo Alto, Santa Clara County, California 94301

Individual Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

## 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: 95134Additional name(s) &  
Address(es) attached?☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date:

## 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: December 20, 2001 and December 25, 2001

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers ☐ Yes ☒ No

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

Name: Terry J. Stalford  
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)

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## 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.*

Terry J. Stalford

Signature

December 28, 2001  
Date

Total number of pages including cover sheet

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FORM PTO-1595  
ATTACHMENT

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

Shantanu (nmi) Sarkar  
3381 Thrift Place  
San Jose, Santa Clara County, California 95148

Individual Citizenship: India

Thiyagesan (nmi) Ramalingam  
955 Escalon Avenue, Apt. #615  
Sunnyvale, Santa Clara County, California 94086

Individual Citizenship: India

**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 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:

SYSTEM AND METHOD FOR PROVIDING  
ON-HOLD CONTENT IN A VOICE OVER  
INTERNET PROTOCOL (VoIP)  
ENVIRONMENT

Signature of Inventor:

Shmuel Shaffer

Inventor's Name:

Shmuel (nmi) Shaffer

Residence (City, County, State)

Palo Alto, Santa Clara County, California

Date:

12/20/2001

Date Application Executed:

12/20/2001

Signature of Inventor:

Shantanu Sarkar

Inventor's Name:

Shantanu (nmi) Sarkar

Residence (City, County, State)

San Jose, Santa Clara County, California

Date:

Shantanu Sarkar 12/20/01

Date Application Executed:

12/20/2001

~~Signature of Inventor~~ Date:

12/25/01

Inventor's Name:

Thiyagesan (nmi) Ramalingam

Residence (City, County, State)

Sunnyvale, Santa Clara County, California

~~Date~~ Signature of Inventor:

Thiyagesan Ramalingam

Date Application Executed:

12/25/2001