n and a second a second and a second a second and a second a second and a second an	9-00-2002
1-31-92 KI	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Hauen	DAZA 12029 Harks. Thease record the attached original documents or copy thereof.
1. Name and Address of Conveying Party(ies) INDIVIDUAL:	2. Name and Address of receiving Party(ies):
Kaartik Viswanath 3375 Homestead Road, Apt. #4 Santa Clara, CA 95051-5135 (Santa Clara County) Individual Citizenship: India	Name: Cisco Technology, Inc. Internal Address:
A 41'4'1 () -C	Street Address: 170 West Tasman Drive
Additional name(s) of conveying party(ies) attached?	City: San Jose
0141100	State: California Zip: 95134
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: 08/09/02 (see second page for more dates*) 4. Application number(s) or patent number(s): If this document is being filed together with a new application,	Additional name(s) & Address(es) attached? Yes X No , the execution date of the application is: 08/09/02*
A. Patent Application No.(s):	B. Patent No.(s):
	D. 1 dicin (10.(8).
10229465	Additional Numbers Yes No
Name and address of party to whom correspondence concerning document should be mailed to:	ng 6. Total number of application and patents involved: One
Name: Barton E. Showalter Internal Address: BAKER BOTTS L.L.P. Street Address: 2001 Ross Avenue City: Dallas State: Texas Zip 75201-2980	7. Total Fee (37C.F.R. 3.41): \$40.00 X Enclosed Authorized to be charged to deposit account 8. Deposit Account Number: (Attach Duplicate Copy of this page if paying by deposit account)
DO NO'	T USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing informat decument. Kurt M. Pankratz Signature	Total number of pages including cover sheet tion is true and correct and any attached copy is a true copy of the original Z7 Avg 2002 Total number of pages including cover sheet 7
OMB No. 0651-0011 (exp. 4/94)	
	t detach this portion
Mail documents to be recorded with required cover sheet informat	tion:
Bo	r of Patents and Trademarks ox Assignments ington, D.C. 20231
reviewing the document and gathering the data needed, and comp	to average about 30 minutes per document to be recorded, including time for pleting and reviewing the sample cover sheet. Send comments regarding this e of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the (0651-0011) Washington, D.C. 20503

09/04/2002 DBYRNE 00000116 10229465

01 FC:581

40.00 OP

PATENT

REEL: 013245 FRAME: 0074

Attorney's Docket: 062891.0712

Page 2 of 2

FORM PTO-1595 ATTACHMENT

1. Name of Conveying Parties - Continued - ALL INDIVIDUALS

Jayaraman R. Iyer 1674 Hollenbeck Avenue, Apt. 51 Sunnyvale, CA 94087-5435 (Santa Clara County) India Citizen Assignment and Application dated: August 14, 2002

Marco C. Centemeri Via Zara 19/T 20017 Rho, Italy Italy Citizen Assignment and Application dated: August 21, 2002

Wen-Lin Tsao 41965 Camino Santa Barbara Fremont, CA 94539-4705 (Alameda County) United States of America Citizen Assignment and Application dated: August 19, 2002

Laurent (nmi) Andriantsiferana 20975 Valley Green Drive, Apt. 211 Cupertino, CA 95014-1852 (Santa Clara County) France Citizen Assignment and Application dated: August 9, 2002

1

ASSIGNMENT

WHEREAS, I, the undersigned joint inventor, 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our 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.

DAL01:689335.1

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: SERVICE-BASED NETWORK ACCESS

Signature of Joint Inventor:

Inventor's Name: KAARTIK (nmi) VISWANATH

Residence (City, County, State) Santa Clara (Santa Clara), California

Date Assignment executed: \(\frac{\gamma/9/9}{\cdot \cdot} \)

Date Application executed:

VI 9/02

DAL01:689335.1

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

SERVICE-BASED NETWORK ACCESS

Signature of Joint Inventor:

Inventor's Name:

Residence (City, County, State)

Date Assignment executed:

Date Application executed:

JAYARAMAN R. IYER

Sunnyvale (Santa Clara), California

Ang 14,

August 14, 2002

DAL01:689335.1

4

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

Inventor's Name:

SERVICE-BASED NETWORK ACCESS

Signature of Joint Inventor:

ignature of John Inventor.

Residence (City, County, State)

Date Assignment executed:

Date Application executed:

MARCO C. CENTEMERI

Rho (MI), Italy

August 21, 2002

August 21, 2002

DAL01:689335.1

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

SERVICE-BASED NETWORK ACCESS

Signature of Joint Inventor:

Inventor's Name:

Residence (City, County, State)

Date Assignment executed:

Date Application executed:

WEN-LIN TSAO

Fremont (Alameda), California

August 19, 2002

August 19, 2002

DAL01:689335.1

RECORDED: 08/27/2002

T-318 P.018/024 F-173

+4088232588

REEL: 013245 FRAME: 0080

Aug-19-2002 104 TAN TAN TOM-CISCO SYSTEM