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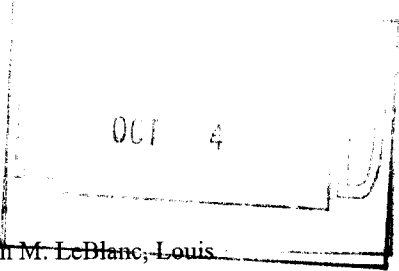
10-07-1999



As

101163522

OVER SHEET



To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying party(ies)

a) Mark Albert, Richard A. Howes, James A. Jordan, Edward A. Kersey, William M. LeBlanc, Louis F. Menditto, Chris O'Rourke, Pranav Kumar Tiwari and Tzu-Ming Tsang

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

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

3. Nature of conveyance

Assignment Merger
 Security Agreement Change of Name
 Other _____ License Agreement

Execution Date:

4. Application Number(s) or Patent Number(s): 09/347,126

The title of the (new) application is:

DISTRIBUTION OF NETWORK SERVICES AMONG MULTIPLE SERVICE MANAGERS WITHOUT CLIENT INVOLVEMENT

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

Customer No. 21912
Ritter, Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022
(650) 903-3500 (PH)
(650) 903-3501 (FX)

6. Total number of applications and patents involved: 1

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

Enclosed
 Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. CISC520)

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: August 26, 1999

Lee Van Pelt
Registration No. 38,352

10/05/1999 DNGUYEN 00000274 09347126

01 FC:581

Attorney Docket No. 40060520

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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

DISTRIBUTION OF NETWORK SERVICES AMONG MULTIPLE SERVICE MANAGERS WITHOUT CLIENT INVOLVEMENT

for which I (we) have executed an application for a United States Letters Patent, the application which was filed in the U.S. Patent and Trademark Office on July 2, 1999 and which bears the application Serial No. 09/347,126.

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 and 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: [Handwritten Signature] Date: 9/2/99
Typed Name: Mark Albert
2) Signature: _____ Date: _____
Typed Name: Richard A. Howes
3) Signature: _____ Date: _____
Typed Name: James A. Jordan
4) Signature: _____ Date: _____
Typed Name: Edward A. Kersey
5) Signature: _____ Date: _____
Typed Name: William M. LeBlanc
6) Signature: [Handwritten Signature] Date: 9/2/99
Typed Name: Louis F. Menditto
7) Signature: [Handwritten Signature] Date: 9/2/1999
Typed Name: Chris O'Rourke

8) Signature: Pranav Tiwari Date: Sept 2, 1999
Typed Name: Pranav Kumar Tiwari

9) Signature: Tzu-Ming Tsang Date: 9/2/99
Typed Name: Tzu-Ming Tsang

This assignment should preferably be signed before a Notary Public if within the United States of America. If outside the United States of America, then it should be signed before two witnesses who also sign below:

1) Signature: Suzanne M. Buckel Date: 9/2/99
My Commission Expires 6-15-2003

2) Signature: _____ Date: _____

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Typed Name: James A. Jordan
4) Signature: [Handwritten Signature] Date: 09/02/99
Typed Name: Edward A. Kersey
5) Signature: [Handwritten Signature] Date: 9/3/99
Typed Name: William M. LeBlanc
6) Signature: [Blank] Date: [Blank]
Typed Name: Louis F. Menditto
7) Signature: [Blank] Date: [Blank]
Typed Name: Chris O'Rourke

8) Signature: _____ Date: _____
Typed Name: Pranav Kumar Tiwari

9) Signature: _____ Date: _____
Typed Name: Tzu-Ming Tsang

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