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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Onchuen Lau Gene Chui
Gary Kipnis Gurmohan Samrao

2. Name and address of receiving party(ies):
Name: Cisco Technology, Inc.
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: April 26, 1999

Street Address: 170 West Tasman Drive
City: San Jose State CA ZIP 95134
Additional name(s) & address(es) attached? Yes No

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: April 26, 1999
A. Patent Application No.(s)

B. Patent No.(s)
09/301519
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP
Internal Address:
Street Address: 12400 Wilshire Boulevard
City: Los Angeles State: CA ZIP: 90025

6. Total Number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charge to deposit account
8. Deposit Account Number:
02-2666
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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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.

40.00 DP

Charles E. Shemwell, Reg. No. 40,171
Name of Person Signing

Charles E. Shemwell
Signature

Apr. 28, 1999
Date

Total number of pages comprising cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Docket No. 81862.P142

No.: 81862.P142 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We
the undersigned, Onchuen Lau, Gene Chui, Gary Kipnis, and Gurmohan Samrao,
hereby sell, assign, and transfer to Cisco Technology, Inc.
a corporation of California, having a principal place of business at
170 West Tasman Drive, San Jose, California 95134, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in the
application for the United States patent that has been executed by the undersigned prior hereto or
concurrently herewith on the dates indicated below and is entitled **DYNAMICALLY DELISTING
AND RELISTING MULTICAST DESTINATIONS IN A NETWORK SWITCHING NODE**

and in and to said application and all divisional applications, continuation applications, continued
prosecution applications, continuation-in-part applications, substitute applications, renewal
applications, reissue applications, reexaminations, extensions, and all other patent applications
that have been or shall be filed in the United States and all foreign countries on any of said
improvements; and in and to all original patents, reissued patents, reexamination certificates, and
extensions that have been or shall be issued in the United States and all foreign countries on said
improvements; and in and to all rights of priority resulting from the filing of said United States
application;

agree that said Assignee may apply for and receive a patent or patents for said
improvements in its own name; and that, when requested, without charge to, but at the expense of,
said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the
intent and purpose of this Assignment, the undersigned will execute all divisional applications,
continuation applications, continued prosecution applications, continuation-in-part applications,
substitute applications, renewal applications, reissue applications, reexaminations, extensions, and
all other patent applications on any and all said improvements; execute all rightful oaths,
assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,
assigns, and representatives all facts known to the undersigned relating to said improvements and
the history thereof; and generally assist said Assignee, its successors, assigns, or representatives
in securing and maintaining proper patent protection for said improvements and for vesting title to
said improvements, and all applications for patents and all patents on said improvements, in said
Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no
assignment, grant, mortgage, license, or other agreement affecting the rights and property herein
conveyed has been made to others by the undersigned, and that full right to convey the same as
herein expressed is possessed by the undersigned:

Date: 4/26/99, 1999 Onchuen Lau
Name: Onchuen Lau

Date: 4/26/99, 1999 Gene Chui
Name: Gene Chui

Date: 4/26/99, 1999 Gary Kipnis
Name: Gary Kipnis

Date: 4/26/99, 1999 Gurmohan Samrao
Name: Gurmohan Samrao