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TO THE HONORABLE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE
ORIGINAL DOCUMENTS OR COPY THEREOF

1. Name of conveying party(ies):
Andrew Kessler
Lorenzo Vicisano
Daniel Alvarez
Toerless Eckert

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party:
 Name: Cisco Technology, Inc.
 Street Address: 170 W. Tasman Drive
 City: San Jose State: California Zip: 95134-1706
 Country: USA

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name Other

Execution Date(s):
Andrew Kessler signed on December 13, 2005
Lorenzo Vicisano signed on December 13, 2005
Daniel Alvarez signed on December 13, 2005
Toerless Eckert signed on December 16, 2005

Name and address of receiving party(ies):
 Name:
 Street Address:
 City: State: Zip:
 Country:
 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:
Andrew Kessler signed on December 13, 2005
Lorenzo Vicisano signed on December 13, 2005
Daniel Alvarez signed on December 13, 2005
Toerless Eckert signed on December 16, 2005

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 2005 DEC 27 AM 8:37
 FINANCE SECTION

A. Patent Application No.(s) - 11/291,405; Filed on December 1, 2005
 TITLE: INTERDOMAIN BI-DIRECTIONAL PROTOCOL INDEPENDENT MULTICAST

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Eric A. Stephenson
 Firm: CAMPBELL STEPHENSON ASCOLESE LLP
 Address: 4807 Spicewood Springs Road
 Address: Building 4, Suite 201
 City: Austin State: Texas Zip: 78759

6. Total number of applications and patents involved: 1

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

Authorized to be charged to Deposit Account No. 502306

Charge Deposit Account No. 502306 for any additional fees required for this conveyance and credit deposit account No. 502306 any amounts overpaid

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8. 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.

Eric A. Stephenson 38,321 [Signature] 12/19/05
 Name of Person Signing Reg. No. Signature Date

12/28/2005 DBYRNE 00000229 502306 11291405

Total number of pages including cover sheet, attachments, and documents: 3

01-FC-0021 40.00 BA

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Andrew Kessler
Lorenzo Vicisano
Daniel Alvarez
Toerless Eckert

of San Ramon, California
of Berkeley, California
of Pleasanton, California
of Mountain View, California

hereby sell, assign and transfer to Cisco Technology, Inc., a California corporation, having a place of business at 170 W. Tasman Drive, San Jose, California, 95134-1706, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

INTERDOMAIN BI-DIRECTIONAL PROTOCOL INDEPENDENT MULTICAST

for which we filed a United States Patent Application on December 1, 2005, which now has Application Serial No. 11/291,405, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 13 day of December, 2005.



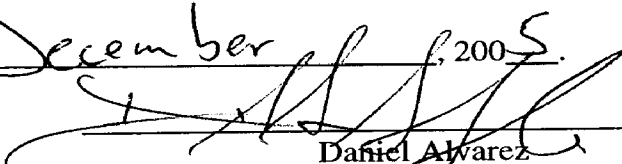
Andrew Kessler

Executed this 13 day of December, 2005.



Lorenzo Vicisano

Executed this 13 day of December, 2005.



Daniel Alvarez

Executed this _____ day of _____, 200_____.

Toerless Eckert

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Andrew Kessler	of <u>San Ramon, California</u>
Lorenzo Vicisano	of <u>Berkeley, California</u>
Daniel Alvarez	of <u>Pleasanton, California</u>
Toerless Eckert	of <u>Mountain View, California</u>

hereby sell, assign and transfer to Cisco Technology, Inc., a California corporation, having a place of business at 170 W. Tasman Drive, San Jose, California, 95134-1706, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

INTERDOMAIN BI-DIRECTIONAL PROTOCOL INDEPENDENT MULTICAST

for which we filed a United States Patent Application on December 1, 2005, which now has Application Serial No. 11/291,405, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this _____ day of _____, 200____.

Andrew Kessler

Executed this _____ day of _____, 200____.

Lorenzo Vicisano

Executed this _____ day of _____, 200____.

Daniel Alvarez

Executed this 16th day of December, 2005.

Toerless Eckert

Toerless Eckert