

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yang Cao</td> <td>05/11/2009</td> </tr> <tr> <td>Michael Nicolazzo</td> <td>05/11/2009</td> </tr> <tr> <td>William M. Turner</td> <td>05/11/2009</td> </tr> <tr> <td>Talbot Hack</td> <td>05/19/2009</td> </tr> <tr> <td>Moshe Suberi</td> <td>05/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yang Cao	05/11/2009	Michael Nicolazzo	05/11/2009	William M. Turner	05/11/2009	Talbot Hack	05/19/2009	Moshe Suberi	05/11/2009
Name	Execution Date												
Yang Cao	05/11/2009												
Michael Nicolazzo	05/11/2009												
William M. Turner	05/11/2009												
Talbot Hack	05/19/2009												
Moshe Suberi	05/11/2009												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SYCAMORE NETWORKS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>220 Mill Road</td> </tr> <tr> <td>City:</td> <td>Chelmsford</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01824</td> </tr> </table>		Name:	SYCAMORE NETWORKS, INC.	Street Address:	220 Mill Road	City:	Chelmsford	State/Country:	MASSACHUSETTS	Postal Code:	01824		
Name:	SYCAMORE NETWORKS, INC.												
Street Address:	220 Mill Road												
City:	Chelmsford												
State/Country:	MASSACHUSETTS												
Postal Code:	01824												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12398735</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12398735								
Property Type	Number												
Application Number:	12398735												
CORRESPONDENCE DATA													
<p>Fax Number: (617)742-4214 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-227-7400 Email: leb@lahive.com</p> <p>Correspondent Name: Kevin J. Canning Address Line 1: One Post Office Square Address Line 2: Lahive & Cockfield, LLP, 30th Floor Address Line 4: Boston, MASSACHUSETTS 02109</p>													
ATTORNEY DOCKET NUMBER:	SYCS-074CP2												
NAME OF SUBMITTER:	Kevin J. Canning												

CH \$40.00 12398735

500870070

PATENT
 REEL: 022740 FRAME: 0534

Total Attachments: 9

source=SYCS_074CP2_Recordation_Cover_Sheet#page1.tif

source=SYCS_074CP2_Recordation_Cover_Sheet#page2.tif

source=SYCS_074CP2_Assignment#page1.tif

source=SYCS_074CP2_Assignment#page2.tif

source=SYCS_074CP2_Assignment#page3.tif

source=SYCS_074CP2_Assignment#page4.tif

source=SYCS_074CP2_Assignment#page5.tif

source=SYCS_074CP2_Assignment#page6.tif

source=SYCS_074CP2_Assignment#page7.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yang CAO (05/11/2009), Michael NICOLAZZO
(05/11/2009), William M. TURNER (05/11/2009),
Talbot HACK (05/19/2009), and

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

2. Name and address of receiving party(ies)

Name: SYCAMORE NETWORKS, INC.

Internal Address: _____

Street Address: _____

220 Mill Road

City: Chelmsford

State: Massachusetts

Country: United States of America Zip: 01824

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

12/398,735

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kevin J. Canning
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: SYCS-074CP2

Street Address: One Post Office Square

City: Boston

State: MA Zip: 02109-2127

Phone Number: (617) 994-0732

Fax Number: (617) 742-4214

Email Address: lc@lahive.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12-0080

Authorized User Name Kevin J. Canning

9. Signature:

/Kevin J. Canning/

Signature

May 27, 2009

Date

Kevin J. Canning - 35,470

Name of Person Signing

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

RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Moshe SUBERRI (05/11/2009)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

ASSIGNMENT BY INVENTORS

WE, Yang CAO; Michael NICOLAZZO; William M. TURNER; Talbot HACK; and Moshe SUBERRI, of Westford, Massachusetts; Philadelphia, Pennsylvania; Higganum, Connecticut; Ann Arbor, Michigan; and Voorhees, New Jersey, respectively, in consideration of One Dollar and other valuable consideration paid to us by

SYCAMORE NETWORKS, INC.

a Corporation of Delaware, having its principal place of business at 220 Mill Road, Chelmsford, Massachusetts 01824, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

SYCAMORE NETWORKS, INC.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 12/398,735, filed on March 5, 2009

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Yang Cao

Yang Cao

Date:

5/11/09

United States of America)

State of

Massachusetts

) ss.:

County of

Middlesex

On this 11th day of May, 2009 before me, the
the undersigned notary public, personally appeared Yang Cao

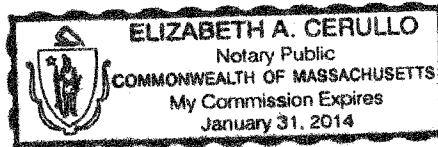
(name of document signer), proved to me through satisfactory evidence of identification,
which was Massachusetts Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

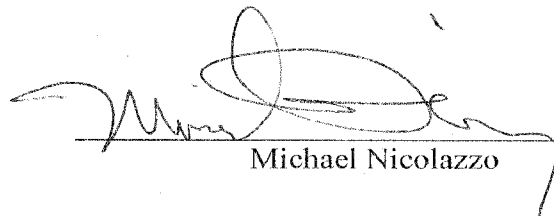
Elizabeth A. Cerullo

(official signature and seal of notary)

My commission expires

January 31, 2014



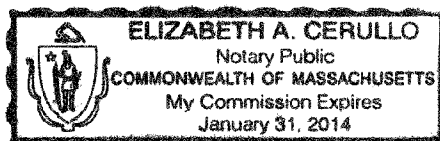

Michael Nicolazzo

Date: 5/11/09

United States of America)
State of Massachusetts) ss.:
County of Middlesex)

On this 11th day of May, 2009 before me, the
the undersigned notary public, personally appeared Michael Nicolazzo
(name of document signer), proved to me through satisfactory evidence of identification,
which was Pennsylvania Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

Elizabeth A Cerullo (official signature and seal of notary)
My commission expires January 31, 2014



William M. Turner

William M. Turner

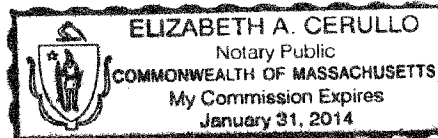
Date: 05/11/09

United States of America)
State of Massachusetts) ss.:
County of Middlesex)

On this 11th day of May, 2009 before me, the
the undersigned notary public, personally appeared William M. Turner
(name of document signer), proved to me through satisfactory evidence of identification,
which was Connecticut Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

Elizabeth A. Cerullo (official signature and seal of notary)

My commission expires January 31, 2014



Talbot Hack
Talbot Hack
Talbot Hack

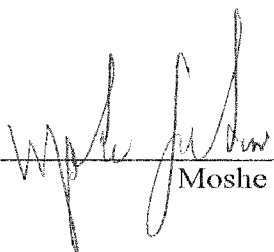
Date: 5/19/09

United States of America)
State of Michigan) ss.:
County of Washtenaw)

On this 19th day of May, 2009 before me, the
the undersigned notary public, personally appeared Talbot A. Hack
(name of document signer), proved to me through satisfactory evidence of identification,
which was Michigan Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

Naomi Loy (official signature and seal of notary)
My commission expires October 13, 2012

NAOMI LOY
Notary Public, State of Michigan
County of Washtenaw
My Commission Expires Oct. 13, 2012
Acting in the County of Washtenaw



Moshe Suberri

Date: 05/11/09

United States of America)
State of Massachusetts) ss.:
County of Middlesex)

On this 11th day of MAY, 2009 before me, the
the undersigned notary public, personally appeared Moshe Suberri
(name of document signer), proved to me through satisfactory evidence of identification,
which was New Jersey Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

Elizabeth A. Cerullo (official signature and seal of notary)

My commission expires January 31, 2014

