

08-03-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Commissioner of Patents and Trademarks
thereof.

Original documents or copy

101107416

1. Name of conveying party(ies)

Eric A. Swanson
Richard Barry
Murat AzizogluAdditional name(s) of conveying party(ies)
attached? [] Yes [X] No

2. Name and address of receiving party(ies)

Name: SYCAMORE NETWORKS, INC.

Internal Address:

Street Address: 2 Elizabeth DriveCity: Chelmsford State: MA Zip: 01824-4111Additional name(s) & address(es) attached? [] Yes
[X] No

3. Nature of conveyance:

☒ Assignment [] Merger☐ Security Agreement [] Change of
Name☐ OtherExecution Date: 07/22/99, 07/22/99 and
07/22/99 respectively

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: 07/22/99.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom
correspondence concerning document should
be mailed:Weingarten, Schurgin, Gagnebin & Hayes LLP
Ten Post Office Square
Boston, Massachusetts 02109

6. Total number of applications and patents

Involved [1]

7. Total fee (37 CFR 3.41)....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by
deposit account)

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9. 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.Attorney name: James F. ThompsonRegistration No. 36,699Signature: James F. ThompsonDate: July 7, 1999

Total number of pages including cover sheet, attachments, and document: [5]

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Eric A. Swanson, residing at 13R Oakwood Road, Acton, Massachusetts 01721, Richard Barry, residing at 1284 Beacon Street, #815, Brookline, Massachusetts 02446, and Murat Azizoglu, residing at 5 Amherst Street, North Billerica, Massachusetts 01862, hereby sell and assign to SYCAMORE NETWORKS, INC., a Delaware corporation, having a principal place of business at 2 Elizabeth Drive, Chelmsford, Massachusetts, 01824-4111, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention in

**METHOD AND APPARATUS FOR IMPROVING TRANSMISSION PERFORMANCE OVER
WAVELENGTH DIVISION MULTIPLEXED OPTICAL COMMUNICATION LINKS USING
FORWARD ERROR CORRECTION CODING**

and the application for United States Letters Patent therefor executed by us on 07/22/99 and identified as Attorney Docket No. SYCMR-003XX, and such patents as may issue thereon and all divisions, reissues and continuations and continuations-in-part thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said SYCAMORE NETWORKS, INC., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said SYCAMORE NETWORKS, INC., its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

We, the Inventors, signing below, hereby authorize and request our attorneys to insert above the filing date and application serial number when they become known.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to SYCAMORE NETWORKS, INC., its successors and assigns.

Express Mail Number
EL231109238US

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Eric A. Swanson
Eric A. Swanson

Date: 7/22/99

Commonwealth of Massachusetts

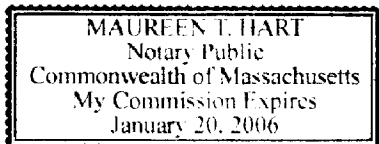
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) ss.

County of

)

Subscribed and sworn to before me by the above-named Eric A. Swanson this 22nd day of July, 1999.



Maureen T. Hart
Notary Public

1/20/06
My Commission Expires:

(Seal)

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.


Richard Barry

Date: 7/22/99

Commonwealth of Massachusetts

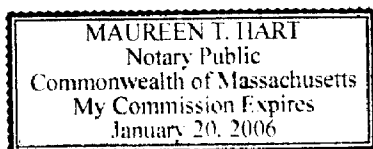
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County of

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Subscribed and sworn to before me by the above-named Richard Barry
this 22nd day of July, 1999.





Notary Public

1/20/06
My Commission Expires:

(Seal)

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.



Murat Azizoglu

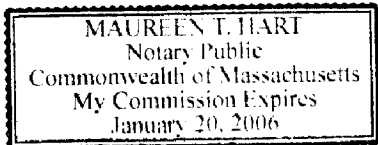
Date: 7/22/99

Commonwealth of Massachusetts

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) ss.
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County of

Subscribed and sworn to before me by the above-named Murat Azizoglu this 22nd day of July, 1999.





Notary Public

1/20/06

My Commission Expires:

(Seal)

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