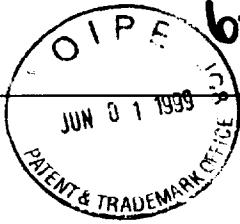


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101056698

Attorney Docket Number
9736-009-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

BANDWIDTH SOLUTIONS, INC.

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: May 3, 1999

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

Name: THE REGENTS OF THE UNIVERSITY OF MICHIGAN

Address: Technology Management Office, Wolverine Tower,
Room 2071, 3003 South State Street, Ann Arbor, MI 48109-1280

Country (if other than USA):

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:

A. Patent Application No.(s) 09/110,696

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00
Please charge to the deposit account listed in Section 8.

8. Deposit account number:
16-1150

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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.

Francis E. Morris

24,615

Name of Person Signing Reg. No.

Signature

June 1, 1999

Date

Total number of pages including cover sheet:

2

Mail documents to be recorded with required cover sheet information to:
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06/07/1999 MTH:II 00000004 161150 09110696

01 FC:581

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PATENT NY2 - 965446.1
REEL: 009993 FRAME: 0344

ASSIGNMENT

WHEREAS, BANDWIDTH SOLUTIONS, INC., ASSIGNOR, at 2901 Hubbard Road, Ann Arbor, Michigan 48105, is the owner of United States Patent Application 09/110,696 entitled "Broadband Sagnac Raman Amplifiers and Cascade Lasers" filed July 7, 1998 and the invention covered thereby by virtue of an assignment which was recorded on December 1, 1998 at reel 9620 frame 0896,

NOW, THEREFORE, in consideration of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, BANDWIDTH SOLUTIONS, INC. does hereby assign, sell, transfer and set over to THE REGENTS OF THE UNIVERSITY OF MICHIGAN, ASSIGNEE, at Technology Management Office, Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, Michigan 48109-1280, a full undivided share of the total right, title and interest which said ASSIGNOR has in the Patent Application and its Patent of the United States which may be granted thereon including all reissues and extensions thereof, together with the assigned rights to recover damages or profits, due or accrued, arising out of past infringements of the Patent, the right to sue for and to recover the same, and the right to settle disputes concerning the same.

The same to be held and enjoyed by said THE REGENTS OF THE UNIVERSITY OF MICHIGAN for its own use and behoof and for the use and behoof of its successors or assigns to the full end of the term for which the Patent is granted as the same has been held and enjoyed by said BANDWIDTH SOLUTIONS, INC., if this assignment and sale had not been made.

IN TESTIMONY WHEREOF, said party has caused this Assignment to be executed by its duly authorized representative and its corporate seals to be affixed and attested to as of the date below indicated.

BANDWIDTH SOLUTIONS, INC.

By Hayden Harris Date May 3, 1999
(signature) Hayden H. Harris
(title) Secretary and Board Director

State of Michigan)
) SS.:

County of Washtenaw)

On this 3 day of May, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Hayden Harris, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature]
Notary Public.
My Comm. Expires Nov. 3, 1999

NY2 - 953365.1

RECORDED: 06/01/1999

PATENT
REEL: 009993 FRAME: 0345