

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of assignee previously recorded on Reel 015799 Frame 0354. Assignor(s) hereby confirms the assignment.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroyuki Kamiyama</td> <td>05/17/2004</td> </tr> <tr> <td>Kenji Uchida</td> <td>05/17/2004</td> </tr> <tr> <td>Seiji Sumi</td> <td>05/17/2004</td> </tr> </tbody> </table>		Name	Execution Date	Hiroyuki Kamiyama	05/17/2004	Kenji Uchida	05/17/2004	Seiji Sumi	05/17/2004
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Hiroyuki Kamiyama	05/17/2004								
Kenji Uchida	05/17/2004								
Seiji Sumi	05/17/2004								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>OpNext Japan, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>216 Totsuka-cho, Totsuka-ku</td> </tr> <tr> <td>City:</td> <td>Yokohama-shi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	OpNext Japan, Inc.	Street Address:	216 Totsuka-cho, Totsuka-ku	City:	Yokohama-shi	State/Country:	JAPAN
Name:	OpNext Japan, Inc.								
Street Address:	216 Totsuka-cho, Totsuka-ku								
City:	Yokohama-shi								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7127145</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	7127145				
Property Type	Number								
Patent Number:	7127145								
CORRESPONDENCE DATA									
<p>Fax Number: 4155760300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 415-576-0200 Email: mstephan@kilpatricktownsend.com Correspondent Name: Kilpatrick Townsend & Stockton LLP Address Line 1: Two Embarcadero Center Address Line 2: Eighth Floor Address Line 4: San Francisco, CALIFORNIA 94111-3834</p>									
ATTORNEY DOCKET NUMBER:	86889-681141 (116200US)								
NAME OF SUBMITTER:	Margaret Stephan								
<p>Total Attachments: 5 source=Recordation_Cover_Sheet_Assignment_86889-681441#page1.tif source=Recordation_Cover_Sheet_Assignment_86889-681441#page2.tif source=Recordation_Cover_Sheet_Assignment_86889-681441#page3.tif source=Recordation_Cover_Sheet_Assignment_86889-681441#page4.tif source=Recordation_Cover_Sheet_Assignment_86889-681441#page5.tif</p>									

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ACC. PH



16869N-116200US

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 21, 2005

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
ROBERT C. COLWELL
TWO EMBARCADERO CENTER, EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834



102842657A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/20/2004

REEL/FRAME: 015799/0354
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 16869N-116200US

ASSIGNOR:
KAMIYAMA, HIROYUKI

DOC DATE: 05/17/2004

ASSIGNOR:
UCHIDA, KENJI

DOC DATE: 05/17/2004

ASSIGNOR:
SUMI, SEIJI

DOC DATE: 05/17/2004

ASSIGNEE:
OPNEXT, INC.
216 TOTSUKA-CHO, TOTSUKA-KU
YOKOHAMA, KANAGAWA, JAPAN

PATENT

015799/0354 PAGE 2

SERIAL NUMBER: 10851910

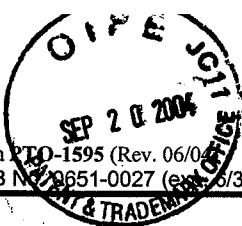
FILING DATE: 05/20/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SEMICONDUCTOR OPTICAL AMPLIFIER, AND OPTICAL MODULE USING THE SAME

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



Form PTO-1595 (Rev. 06/01)
OMB No. 0651-0027 (Expires 6/30/2008)

09-23-2004



102842657

9-20-04
Torney Docket No. 16869N-116200US

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

HEET

Y

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)/Execution Date(s):

Hiroyuki KAMIYAMA

Execution Date(s) May 17, 2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Opnext, Inc.

Internal Address: _____

Street Address: 216 Totsuka-cho, Totsuka-ku

City: Yokohama, Kanagawa

State: _____

Country: Japan

Zip: _____

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

10/851,910

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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

Name: Robert C. Colwell

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: @townsend.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 by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 numbers _____

Expiration Date _____

b. Deposit Account Number 20-1430

Authorized User Name _____

9. Signature: _____

Signature

Robert C. Colwell

Name of Person Signing Atty. Reg. No. 27,431

Date

Total number of pages including cover sheet, attachments, and documents: 1

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

09/22/2004 ECOOPER 00000070 201430 10851910

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PATENT
REEL: 029801 FRAME: 0121

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Kenji UCHIDA
Seiji SUMI

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

60309312 v1

10/851, 910

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by OPNEXT JAPAN, INC., a corporation organized under the laws of Japan, located at 216 Totsuka-cho, Totsuka-ku, Yokohama-shi, Kanagawa, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said OPNEXT JAPAN, INC., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

Semiconductor Optical Amplifier and Optical Module using the Same

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said OPNEXT JAPAN, INC., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said OPNEXT JAPAN, INC.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1)	<u>Hiroyuki Kamigama</u>	<u>May 17, 2004</u>
2)	<u>Kenji Uchida</u>	<u>May 17, 2004</u>
3)	<u>Seiji Sumi</u>	<u>May 17, 2004</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

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