Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office Atty, Docket No.: T&A-132

PATENTS ONLY	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Seiji Sumi, Kazuhisa Uomi,	Name: Opnext Japan, Inc.
Hiroyuki Kamiyama, and	Internal Address:
Kazuhiko Naoe.  Additional name(s) of conveying party(ies) attached Yes X No	memai Address.
Nature of conveyance/Execution Date(s):     Execution Date(s) <u>December 27, 2004</u>	Street Address: 216, Totsuka-cho, Totsuka-ku,
	<u>Yokohama-shi</u>
Other Corrective Assignment to correct the	City: Kanagawa
Assignment recorded at Reel 015702, Frame 0245 on	State:
<u>February 11, 2005.</u>	Country: JAPAN Zip:
	Additional Name(s) & Addresses attached? Yes No
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/019,370	
Additional numbers attached?  Yes  No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:one
	involved: <u>one</u>
concerning document should be mailed:	
Name: John R. Mattingly	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Concerning document should be mailed:  Name:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card
Name: John R. Mattingly  Firm: Mattingly, Stanger, Malur & Brundidge, P.C.  Street Address: 1800 Diagonal Road, Suite 370	involved:one  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
Concerning document should be mailed:  Name: John R. Mattingly  Firm: Mattingly, Stanger, Malur & Brundidge, P.C.  Street Address: 1800 Diagonal Road, Suite 370  City: Alexandria	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
Concerning document should be mailed:  Name: John R. Mattingly  Firm: Mattingly, Stanger, Malur & Brundidge, P.C.  Street Address: 1800 Diagonal Road, Suite 370  City: Alexandria  State: Zip: 22314	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
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Name:	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 1019  Expiration Date 8/2011
Name:	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 1019  Expiration Date 8/2011  b. Deposit Account Number 50-1417

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PATENT REEL: 021092 FRAME: 0510

## PATENTS ONLY (ref OG 7/28/92)

To the Monorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

Name of Party(ies) conveying an interest:

Name and Address of Party(ies) receiving an interest:

Seniji SUMI (12/27/04) Kazuhisa UOMI (12/27/04) Hiroyuki KAMIYAMA (12/27/04) Kazuhiko NAOE (12/27/04)

OPNEXT JAPAN, INC. 216, Totsuka-cho, Totsuka-ku Yokohama-shi, Kanagawa, JAPAN

- Description of the interest conveyed: Assignment
- 4. Application number(s) or patent number(s).

Additional sheet attached? \_\_\_\_ Yes XXX No

If this document is being filed together with a new application, the execution date of the application is: DATE

Patent Application No.(s)

B. Patent No.(s)

11/019,370

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

> John R. Mattingly Mattingly, Stanger, Malux & Brundidge, P.C. 1800 Diagonal Road, Suite 370 Alexandria, Virginia 22314

- 6. Number of applications and patents involved: One
- Amount of fee enclosed or authorized to be charged: \$40.00
- The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no credit card payment form is attached.

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- 9. Execution date of attached document: by all inventors on December 27, 2004
- 10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

Shrinath Malur

Name of Person Signing

February 11, 2005

Date

Total number of pages being submitted: 4

PATENT **REEL: 021092 FRAME: 0511** 

## 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 ELECTRO-ABSORPTION OPTICAL MODULATOR, SEMICONDUCTOR ELECTRO-ABSORPTION OPTICAL MODULATOR INTEGRATED LASER, OPTICAL TRANSMISSION MODULE AND OPTICAL MODULE

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 our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)Seiji Sumi	12/27 /04
2) Yozukter 7 (5m)	12/29/08
3) Hrozuki Kamerma	12/27/64
4) _ Lizahiho Trace	12/27/24
5)	
6)	
7)	<del>_</del>
8)	<del></del>
9)	
10)	

PATENT REEL: 021092 FRAME: 0512

**RECORDED: 06/12/2008**