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B/O FORM PTO 1595 (1/31/92)

Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY NITT.0275 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and Address of Receiving Party(ies): Name of Conveying Party(ies): OpNext Japan, Inc. Name: (1) TAKESHI KITATANI, (2) MASAHIRO AOKI AND Address: 216, Totsuka-cho, Totsuka-ku (3) TOMONOBU TSUCHIYA Yokohama-shi, Kanagawa, Japan City: Additional names of conveying parties attached:

Yes Nature of Conveyance: Assignment Merger Security Agreement Change of Name □ Acquisition Execution Dates: (1) June 28, 2005; (2) July 12, 2005 and (3) June 29, 2005 (a) Patent Application Number(s): (b) Patent Numbers: If this document is being filed together with a new application, the execution date of the application is: ☐ Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Total Number of Applications and Patents Involved: 1 Concerning this Document Should be Mailed: Stanley P. Fisher Name: Total Fee: \$40.00 (37 C.F.R. § 3.41) Address: Reed Smith LLP Enclosed. 3110 Fairview Park Dr. Ø Authorized to be charged to deposit account. **Suite 1400** Falls Church, Va. 22042 Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE Statement and Signature: To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. August 12, 2005 Stanley P. Fisher, Registration No. 24, 344 Total number of pages comprising cover sheet: 1

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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 DEVICE

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:

RECORDED: 08/12/2005

INVENTOR(S) (発明者フルネームサイン)	D ate Signed (署名日)
1) _ Jakeshi Kitatani	6/28/2005
1) Jakeshi Kitatani 2) Masahiro Sohi	7/12/2005
3) Tomonoba Tsuchiga	6/29/2015
4)	
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 016887 FRAME: 0545