Docket No.: PNDA-97296

08-12-1998 U.S. DEPARTMENT OF COMMERC FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Offic Copyright 1996-97 LegalStar P08A/REV02 Tab settings → → → 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): 1. Name of conversing party(ies): Atsuhipo Kawatani Name: NEC Corporation AUG 0 7 1998 Address: 7-1, Shiba 5-chome, Minato-ku ing party(ies) attached? 🔲 Yes 🛣 No 3. Nature of conveyance: Merger Assignment ☐ Change of Name City: Tokyo ☐ Security Agreement State/Prov.: Country: Japan ZIP: ☐ Other Execution Date: April 27, 1998 Additional name(s) & address(es) attached? ☐ Yes XI No Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. April 27, 1998 09/067,006 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 34,386 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: McGinn & Gibb, P.C. Authorized to be charged to deposit account 1701 Clarendon Blvd., Suite 100 8. Deposit account number: City: Arlington State/Prov.: VA 50-0481 ZIP: 22209 Country: USA DO NOT USE THIS SPACE 08/11/1998 DNGUYEN 00000140 09067006 40.00 DP 01 FC:581 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. Sandra Stocklinski andro Signature Date Name of Person Signing Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

Atsuhiro Kawatani

NAME AND ADDRESS OF ASSIGNOR

c/o NEC Corporation,

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

"OPTICAL SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME"

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent -- page 1 of 2)

PATENT REEL: 9371 FRAME: 0249

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continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

| DATE OF SIGNING | IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 27th day of April , 1998 . |
|-----------------|--|
| SIGNATURE | By: Atsulviro Kanatam (3) Atsuhiro Kawatani |
| SIGNATURE | Ву: |
| SIGNATURE | Ву: |
| WITNESSES | Tadiyahi Tanigawa |

(Assignment of Application for Patent -- page 2 of 2)