6 Rec'd PCT/PTO 13 SEP 2010 FORM PTO-1595 (Modi U.S. DEPARTMENT OF COMMERCE R SHEET 09-15-2010 (Rev. 03-09) OMB No. 0651-0027 (exp.3/31/2009) Patent and Trademark Office LY PO8A/REV06 736127 9-13-0 103606799 To the Director of the United States I the attached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Tomoaki KATO Name: NEC Corporation Address: 7-1, Shiba 5-chome, Minato-ku Additional names(s) of conveying party(ies) Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s): September 7, 2010 City: Tokyo ☐ Merger ☐ Security Agreement ☐ Change of Name State/Prov.: ☐ Joint Research Agreement Country: Japan ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License □ Other Additional name(s) & address(es) attached? ☐ Yes ⊠ No 4. Application or patent numbers(s): This document is being filed together with a new application. A. Patent Application No. (s) B. Patent No.(s) 12736127 Additional numbers attached? ☐ Yes ☒ No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC Authorized to be charged by credit card 8321 Old Courthouse Road ☐ Authorized to be charged to deposit account Suite 200 City: Vienna

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☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

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Authorized User Name

Sean M. McGinn

9. Signature:

September 13, 2010

Date

Sean M. McGinn, Esq.

Name of Person Signing

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PATENT REEL: 024981 FRAME: 0960

ASSIGNMENT OF APPLICATION FOR PATENT 9

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Tomoaki KATO c/o NEC Corporation,

7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001, Japan

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

TITLE OF INVENTION:

WAVEGUIDE-TYPE SEMICONDUCTOR OPTICAL MODULATOR AND METHOD FOR MANUFACTURING THE SAME

WHEREAS

FULL NAME AND ADDRESS

OF ASSIGNEE

NEC Corporation

7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001, 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 Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any continuation, division, renewal, (Assignment of Application for Patent -- page 1 of 2)

> PATENT REEL: 024981 FRAME: 0961

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 7th day of September	, 2010
SIGNATURE	By: Tomonki Kato (20) Tomonki KATO	
SIGNATURE	By:	
WITNESSES	Mucate Kinn	
<u> </u>	and the second s	

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

RECORDED: 09/13/2010

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