P/1909-163

OVER SHEET To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. Name and Address of receiving party(ies): Ryu YOKOYAMA **NEC Corporation** 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan Type of Entity: Corporation of Japan Type of Entity: Individual Additional names(s) of conveying party(ies) attached? No Additional name(s) & address(es) attached? 3. Nature of Conveyance: Assignment **Execution Date:** July 25, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: July 25, 2003 A. Application No.(s) B. Patent No.(s) \$DIRETA1 00000015 10633927 40.00 DP Additional numbers attached? No 6. Total number of documents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: OSTROLENK, FABER, GERB & SOFFEN, 40.00 7. Total fee (37 CFR 3.41): LLPEnclosed as part of Check No. 12195 1180 Avenue of the Americas New York, New York 10036-8403 In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700. DO NOT USE THIS SPACE 8. 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. August 4, 2003 Max Moskowitz Date

Total number of pages including cover sheet, attachments, and document:

00623619.1

Name of Person Signing

06/06/2003

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PATENT REEL: 014374 FRAME: 0559 PATENT APPLICATION ASSIGNMENT -SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

ofgs file no. $\frac{P/1909 - 163}{}$

WHEREAS, I (We), RYU YOKOYAM	<u>A</u>
as assignor(s), have invented certain improvements i	
OPTICAL AMPLIFICATION METHOD USING IN THE	SYSTEM
States Letters Patent has been executed by me (us	for which an application for United
the factorial reservation of the factorial of the factori	, or even date herewith, and
WHERFAS, NEC Corporation	
7-1, Shiba 5-chome, Mir	nato-ku, Tokyo, Japan
as assignee, is desirous of acquiring all right, to	itle and interest in and to said invention
and any Patent that may be granted therefor.	in the second se
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally exerything necessary to assist assignee, its successors, assigns and nominees to obtain expenses incident to said applications to be borne and paid by said assignee.	
Date: July 25, 2003	RYD YOKOYAMA POROYAMA
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BOYNA I KROWN RECOMMENDENCE Witness:	
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Jackyoch Jang awa	Hours hur
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RECORDED: 08/04/2003	REEL: 014374 FRAME: 0560