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Form PTO-1595		REC	05-25-2004	ET	U.S. Department of Commerce U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents				ied original documents or copy thereof.	
1. Name of Conveying Party(ies): Yasushi AMAMIYA		2. Name and address of receiving party(ies) Name: NEC Corporation Address: 7-1, Shiba 5-chome Minato-ku Tokyo Japan			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>1-16-04</i> <i>10484088</i>			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: Januayr 6, 2004					
4. Application number(s) or patent number(s): This document is being filed with a new application, the execution date of the application is: January 6, 2004 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Customer No.: 00466 YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202 Phone: 703-521-2297 Fax: 703-685-0573		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)..... \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> Yolanda Reynolds <i>Yolanda Reynolds</i> January 16, 2004 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 2					

Y&T January 16, 2004

PATENT
REEL: 015350 FRAME: 0384

ASSIGNMENT

WHEREAS, I (we),

Yasushi AMAMIYA

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in
PRE-AMPLIFICATION CIRCUIT

- (a) for which an application for a United States patent was filed on _____, Application No. _____,
- (b) for which an application for a United States patent was executed on _____,

WHEREAS, **NEC Corporation**

whose address is **7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan**

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date January 6, 2004

Yasushi Amamiya 
(signature) **Yasushi AMAMIYA**

Date _____

(signature)

Date _____

(signature)

Witness:

Date January 6, 2004

Masato Kimura
(signature)

Date January 6, 2004

[Signature]
(signature)