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OMB No. 0651-0011 (exp. 4/94)  PATENT	
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To the Honorable Commissioner of Patents and Trademarks: F	or copy thereof.
1. Name of conveying party(ies): Shuuji Yamaguchi Naoki Furuhashi	2. Name and address of recording party(ies)  Name: NEC Corporation
Additional name(s) of conveying party(ies) attached?   Yes No	Internal Address:
3. Nature of conveyance:	
	Street Address: 7-1, Shiba 5-chome
☐ Security Agreement ☐ Change of Name	Minato-ku Tokyo, JAPAN
□ Other	
Execution Date:	Additional name(s) & address(es) attached? Q Yes A No
A. Patent Application No.(s)  Additional numbers a	B. Patent No.(s)
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<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
LAFF, WHITESEL, CONTE & SARET, LTD. ATTORNEYS AT LAW 401 NORTH MICHIGAN AVENUE	7. Total fee (37 CFR 3.41)\$_40
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## **ASSIGNMENT**

## LAFF, WHITESEL, CONTE & SARET ATTORNEYS AT LAW

401 N. MICHIGAN AVENUE CHICAGO, ILLINOIS 60611

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Shuuji YAMAGUCHI and Naoki FURUHASHI of Tokyo, Japan, respectively

hereby assigns, transfers and sets over to:

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

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

Method and Circuit for Driving Piezoelectric Transformer

for which a United States Patent Application was executed on 6-14-99 and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

- (1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasilegal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.
- (2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.
- (3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.
- (4) ASSIGNOR hereby grants to the law firm of LAFF, WHITESEL, CONTE & SARET of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date	14 June, 1999	Signature of inventor	Shungi Zamuguchi	(SEAL)
Date _	14 June, 1999	Signature of inventor	Shuuji YAMAGUCHI Maoki Turuhashi Naoki FURUHASHI	(SEAL)
Date		Signeture of Inventor		(SEAL)
Date		Signature of Inventor		(SEAL)
Th		uld be witnessed by at leas	t two witnesses who sign here. If this Assignment is signed outside	
Th	e execution by the inventor(s) show	uld be witnessed by at leas fore a United States Consul	t two witnesses who sign here. If this Assignment is signed outside	

PATENT 999 REEL: 010049 FRAME: 0657

**RECORDED: 06/16/1999**