Form PTO-1595 (Rev. (09/04)
OMB No. 0651-0027 (exp. 6/30/2005

12-13-2005

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

	PATENTS ONLY					
To the Director of the U.S. Patent and Trademark Office: Plea	ise record the attached documents or the newaddress(es) belians					
1. Name of conveying party(ies)/Execution Date(s):	Name: Yamaha Corporation Internal Address:					
YASUHIKO SEKIMOTO	Name: Yamaha Corporation					
	Internal Address:					
	53					
Execution Date(s) November 22, 2005	Street Address: 10-1, Nakazawa-cho, Hamamatsu-shi					
Additional name(s) of conveying party(ies) attached? Yes X N	lo -					
3. Nature of conveyance:						
X Assignment Merger	City: Shizuoka-ken					
Security Agreement Change of Name	State:					
Government Interest Assignment	Country: Japan Zip:					
Executive Order 9424, Confirmatory License						
Other 4. Application or patent number(s): Y This	Additional name(s) & address(es) attached? Yes X document is being filed together with a new applicat					
	1					
Additional numbers	attached? Yes XNo					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
5. Name and address to whom correspondence	6. Total number of applications and patents involved:					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting times.)					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting till 8. Payment Information 051270-0324186					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting times. Payment Information					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800 City: Los Angeles	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting till 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800 City: Los Angeles State: CA Zip: 90017-5406	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting till 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 161805					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800 City: Los Angeles State: CA Zip: 90017-5406 Phone Number: (213) 488-7100	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting ti 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800 City: Los Angeles State: CA Zip: 90017-5406 Phone Number: (213) 488-7100 Fax Number: (213) 629-1033 Email Address: roger.wise@pillsburylaw.com 9. Signature:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting tit 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 161805 Authorized User Name December 2, 2005					
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: 725 South Figueroa Street Suite 2800 Street Address: 725 South Figueroa Street, Suite 2800 City: Los Angeles State: CA Zip: 90017-5406 Phone Number: (213) 488-7100 Fax Number: (213) 629-1033 Email Address: roger.wise@pillsburylaw.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting till 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 161805 Authorized User Name					

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 017290 FRAME: 0969

PATENT

Please return signed/recorded to:

Pillsbury Winthrop Shaw Pittman LLP Intellectual Property Group 725 South Figueroa Street, Suite 2800 Los Angeles, CA 90017-5406

USA Patent Appln. Sole or Joint

For inventions made outside USA					
executed with or after application					
Atty. Dkt. P X	1				
M#	Client Ref.				

A 1 45 B	-			
NII) I	NPRC	w	או זו:	ΙΔΙ
11101	11. 11/	/ W I 🔾	1011	

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit: INSERT Yasuhiko SEKIMOTO NAME(S) OF (3)(4)INVENTOR(S) (5) x box if continued on page 2 the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: YAMAHA CORPORATION of INSERT NAME(S) OF 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan ASSIGNEE(S) & ADDRESS(ES) (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as TITLE OF DUTY RATIO CORRECTION CIRCUIT INVENTION for which the undersigned executed an application for Letters Patents of the United States of America: NOTE $\rightarrow \rightarrow$ (A) X even date herewith (Complete (B) 💹 on line A, B and/or C) (C) in U.S. Appln. No. filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. $NOTE \rightarrow \rightarrow$ The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document. Yasahiko Sekirnoto 1): Name: 2) Name: 3) Name: 4) Name: Name: 5) Name:

blankassignmen!.doc

RECORDED: 12/02/2005

Name:

PAT-114 1/00

PATENT REEL: 017290 FRAME: 0970