Form PTO-1595 (Rev. 03-09) OMB No. 0551-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address below.
Name of conveying parties:	2. Name and address of receiving party:
Toru KITAYAMA (06/15/2006); Kenichi TAMIYA (06/16/2006), and Koji KUSHIDA (06/16/2006)	Name: Yamaha Corporation
Additional name(s) of conveying party(les) attached?	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name	10-1, Nakazawa-cho
Security Agreement Joint Research Agreement	City: Hamamatsu-Shi, Shizuoka-ken
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Japan Zip: 430-8650
Other	Additional name(s) & address Yes X No attached?
4. Application or patent number(s): A. Patent Application No.: 12/951,993 Filed: 11-22-10	hls document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: David L. Fehrman MORRISON & FOERSTER LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 393032060410 Street Address: 555 West Fifth Street Suite 3500	X Authorized to be charged to deposit account
Quite 3500	Enclosed
	None required (government interest not affecting title)
City: Los Angeles	8. Payment Information
State: CA Zip: 90013-1024	
Phone Number: (213) 892-5601	·* 1
Fax Number: (213) 892-5454	Deposit Account Number 03-1952
Email Address: DFehrman@mofo.com	Authorized User Name David L. Fehrman
9. Signature: Signature	November 24, 2010
Warren W. Ma – Reg. No. 65,498	Total number of pages including cover 3
Name of Person Signing	shoet, attachments, and documents:

Certificate of Facsimile Transmission

I hereby certify that the attached papers are transmitted via facsimile number (571) 273-0140 addressed to the Commissioner for Putents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Dated: November 24, 2010 שוסססטו־פו

REEL: 025311 FRAME: 0403

ASSIGNMENT JOINT INVENTORS

THIS ASSIGNMENT, by Torn KITAYAMA, Kenichi TAMIYA, Koji KUSHIDA and Massa KONDOU (hereinafter referred to as the assignors), residing at Hamamatsu-shi, Shizuoka-ken, Japan, Hamamatsu-shi, Shizuoka-ken, Japan and Shibuya-ku, Tokyo-to, Japan respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements for <u>DATA PROCESSING</u>

<u>APPARATUS AND PARAMETER GENERATING APPARATUS APPLIED TO SURROUND SYSTEM</u>, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, <u>YAMAHA CORPORATION</u>, a corporation duly organized under and pursuant to the laws of <u>Japan</u> and having its principal place of business at <u>10-1 Nakazawa-cho</u>, <u>Hamamatsu-shi</u>, <u>Shizuoka-ken</u>, <u>Japan</u> (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the international Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignce its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignce as the assignce of said inventions and the Letters Patent to be Issued thereon for the sole use of said assignce, its successors, legal representatives and assigns.

la-813688

PATENT REEL: 025311 FRAME: 0404

The Undersigned hereby grant(s) the practitioners at Customer Number: 25224,

all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document.

June 15,2006	Toru Kitayawa
Date	Toru KITAYAMA
Date 16, 3.006	Kanichi Tamiya. Kenichi TAMIYA
June 16.2006	Koji Kuskida
Date	Koji KUSHIDA
June 20, 2006	Masag Kandon
Date	Masag KONDOU

la-813688

RECORDED: 11/24/2010

PATENT REEL: 025311 FRAME: 0405