rm PTO-1595 (Rev. 07/05) //B No. 0651-0027 (exp. 6/30/2008)	- 22 - 2005  U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Officers
To the Director of the U.S. Patent and	3123521 Please record the attached documents or the new address(es) below.
Name of conveying party(ies):	Name and address of receiving party(ies)
Hideki KEMMOCHI (10/27/2005) and Jordi	
BONADA (11/02/2005)	Name: Yamaha Corporation
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes	X No Street Address:
3. Nature of conveyance/Execution Date(s):	10-1, Nakazawa-cho
Execution Date(s): in parentheses after inventor name	Hamamatsu-Shi 430-8650
X Assignment Merger Change of Name	1 112 11.
Security Agreement Joint Research Agreemen	
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	
==	Additional name(a) & address(as)
Other	attached:
Additional numbers a	ittached? Yes XNo
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 LLF	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card
MORRISON & FOERSTER LLF	
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600	Authorized to be charged by credit card
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting titl  8. Payment Information
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013-	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting titl  8. Payment Information  a. Credit Card  Last 4 Numbers  Expiration Date
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number  03-1952
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601  Fax Number: (213) 892-5454	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card  Last 4 Numbers  Expiration Date
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601 Fax Number: (213) 892-5454 Email Address: DFehrman@mofo.com	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting titl  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number  03-1952
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601  Fax Number: (213) 892-5454	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting titl  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number  03-1952
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601 Fax Number: (213) 892-5454 Email Address: DFehrman@mofo.com	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number Authorized User Name David L. Fehrman  November 14, 2005 Date
MORRISON & FOERSTER LLF Internal Address: Atty. Dkt.: 393032056600 Street Address: 555 West Fifth Street  City: Los Angeles State: CA Zip: 90013- Phone Number: (213) 892-5601 Fax Number: (213) 892-5454 Email Address: DFehrman@mofo.com	Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number O3-1952 Authorized User Name David L. Fehrman

11/21/2005 ECOUPER 00000159 031952 11273/49
01 FC:8021 40.00 PA

la-829078

HP48005

## MORRISON & FOERSTER LLP United States Patent Rights

Attorney Docket No. 39303-20566.00

## ASSIGNMENT

WHEREAS, Hideki KEMMOCHI and Jordi BONADA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in APPARATUS FOR AND PROGRAM OF PROCESSING AUDIO SIGNAL

for which an application for Letters Patent of the United States of America has been executed by the undersigned on even date herewith, and;

WHEREAS, YAMAHA CORPORATION of 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, 430-8650 Japan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm 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 U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Oct . 27, 2015, Name of Inventor Hideli (Cemmodii (SEAL)

Date Nov. 2,2005, Name of Inventor Jordi BONADA (SEAL)

2

RECORDED: 11/14/2005