

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Akihide HARA	08/05/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	YAMAHA CORPORATION
<b>Street Address:</b>	10-1, Nakazawa-cho, Naka-ku
<b>City:</b>	Hamamatsu-shi, Shizuoka-ken
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13218521
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)726-6024
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	Rossi, Kimms & McDowell LLP
<b>Address Line 1:</b>	PO Box 826
<b>Address Line 4:</b>	Ashburn, VIRGINIA 20146-0826
<b>ATTORNEY DOCKET NUMBER:</b>	YAMA-0332
<b>NAME OF SUBMITTER:</b>	Diana Kerr
<b>Total Attachments: 1</b> source=YAMA-0332_Signed_Assignment#page1.tif	

OP \$40.00 13218521

**\*\*\* ASSIGNMENT \*\*\***

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to:

Name: YAMAHA CORPORATION

Address: 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka-ken 430-8650, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as:

Title: CHORD DETECTION APPARATUS, CHORD DETECTION METHOD, AND PROGRAM THEREFOR

and identified by the Assignee as YAMAHA CORPORATION and ATTORNEY DOCKET NUMBER \_\_\_\_\_, for which the undersigned has (have) executed and filed an application for patent in the United States of America on the date \_\_\_\_\_, and now designated as U.S. Patent Application Serial No. \_\_\_\_\_.

The undersigned hereby agree(s) to: (1) execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient; (2) execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; (3) execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention of Protection of Industrial Property or similar agreements; and (4) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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

The undersigned hereby grant(s) the firm of ROSSI, KIMMS & McDOWELL LLP the power to insert on this assignment any further identification, including but not limited to the ATTORNEY DOCKET NUMBER, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the signature(s) of the undersigned:

	Print Name	Date	Signature
(1)	Akihide HARA	Aug 5, 2011 Month/Day/Year	Akihide Hara
(2)	_____	Month/Day/Year	_____
(3)	_____	Month/Day/Year	_____
(4)	_____	Month/Day/Year	_____
(5)	_____	Month/Day/Year	_____
(6)	_____	Month/Day/Year	_____