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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ryuichiro KUROKI	08/30/2012
Masakazu KATO	08/30/2012
Julian WARD	08/29/2012

RECEIVING PARTY DATA

Name:	YAMAHA CORPORATION
Street Address:	10-1, Nakazawa-cho, Naka-ku
City:	Hamamatsu-shi, Shizuoka
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13599123

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	101749.64903US
NAME OF SUBMITTER:	Jeffrey D Sanok

Total Attachments: 4

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> PATENT REEL: 029034 FRAME: 0372

OF \$40.00 13589123

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

YAMAHA CORPORATION of

10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to: SPEAKER APPARATUS

as set forth in his United States Patent Application (check one) executed concurrently herewith, executed on _____, filed on ____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNER, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencombered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict berewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful ouths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reiscues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

INVENTOR: Rynichiro KUROKI

Citizenship: Prot Office Address! On YAMAHA CORPORATION, 19-1, Nakarawa-cha, Naka-ku, Hamamatsu-shi, Shinoska, Japan Residence: Hamamatsu-shi, Japan

Registeria Kurrelai (siggleture of let inventor)

INVENTOR: Masakazu KATO

Post Office Address! c/o YAMAHA CORPORATION, 16-1, Nekazawa-cho, Naka-ku, Hamamatsu-shi, Shizucka, Japan

Residence: Hamamatsu-shi, Japan

Masalazu Kato (signature of 2nd inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oathe whose authority is proved by a certificate from a U.S. Consul

Attorney Docket No.: 101749.64903US

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Citivenship: United ? Post Office Address/ c/o Y	m WARD Kingdom amaha Music Burope GmbH (UK) of Sherbot diam, United Kingdom	una Drive, Tilbrook, Miitor	: Keynes, MK7 88L United Kingd
(state)	(signature of Sed inventor)	······································	
INVENTOR: Citizenship: Past Office Address/ Residence:		v to	
		V. V.	
(data)	(signature of 4th inventor)		ž
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PATENT REEL: 029034 FRAME: 0374 Attorney Docket No.: 101749.64903US U.S. Rights-Sole or Joint

ASSIGNMENT

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YAMAHA CORPORATION of

10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizucka, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

SPEAKER APPARATUS

as set forth in his United States Patent Application (check one):

<u></u>	executed concurrently herewith, executed on
and to any a invention, inc successors, le Letters paten	United States Patent Application including any and all divisions or continuations thereof and in and all Letters Patent of the United States which may issue on any such application or for said all Letters Patent of the United States which may issue on any such application or for said all cluding any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its igal representatives and assigns to the full end of the term or terms for which any and all such that may be granted as fully and entirely as would have been held and enjoyed by the undersigned gnment not been made;
Each of the issue any and	undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to I all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;
assign the int	indersigned warrants and covenants that he has the full and unencumbered right to sell and scrests herein sold and assigned and that he has not executed and will not execute any document t in conflict herewith;
legal represes and that he was perform all representative continuations reissues or s	ndersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, natives or assigns all information known to him relating to said invention or patent application will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal res or assigns to perfect title to said invention, to said application including divisions and a thereof and to any and all Letters Patent which may be granted therefor or thereon, including extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its gal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United d invention;
the power to	undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof insert in this Assignment any further identification which may be necessary or desirable to the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.
Citizenship: Post Office Addr	: Ryuíchiro KUROKI Japan 2004 elo YAMAHA CORPORATION, 10-1, Nakazawa-che, Naka-ku, Hamamatsu-shi, Shizuoka, Japan 2004 elo YAMAHA CORPORATION, 10-1, Nakazawa-che, Naka-ku, Hamamatsu-shi, Shizuoka, Japan 2004 elo YAMAHA CORPORATION, 10-1, Nakazawa-che, Naka-ku, Hamamatsu-shi, Shizuoka, Japan
(date)	(signature of 1st inventor)
Citizenship: Post Office Adde	: Masakazu KATO Japan ess/ vio YAMAHA CORPORATION, 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka, Japan amatsn-shi, Japan
(date)	(aignature of 2nd inventor)
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(signature of 4th inventor)

PATENT REEL: 029034 FRAME: 0376

RECORDED: 09/27/2012

Attorney Docket No.: 101749.64903US

(date)