504746516 01/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4793244

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROYUKI IWASE	12/12/2017
YUKI SETO	12/12/2017
TAKAHIRO IWATA	12/12/2017
SHOTA MORIGUCHI	12/12/2017
TETSURO ISHIDA	12/12/2017
YUMIKO OCHI	01/13/2018

RECEIVING PARTY DATA

Name:	YAMAHA CORPORATION
Street Address:	10-1, NAKAZAWA-CHO, NAKA-KU, SHIZUOKA-KEN
City:	HAMAMATSU-SHI
State/Country:	JAPAN
Postal Code:	430-8650

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15827615	

CORRESPONDENCE DATA

Fax Number: (703)726-6024

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-726-6020 mail@rkmllp.com

Correspondent Name: ROSSI, KIMMS & MCDOWELL LLP Address Line 1: 20609 GORDON PARK SQUARE

Address Line 2: SUITE 150

Address Line 4: ASHBURN, VIRGINIA 20147

ATTORNEY DOCKET NUMBER:	YAMA-0594
NAME OF SUBMITTER:	KARIM B. SOSA
SIGNATURE:	/Karim B. Sosa/
DATE SIGNED:	01/25/2018

PATENT 504746516 REEL: 044727 FRAME: 0852

Total Attachments: 6 source=YAMA-0594_Signed_Decs_combined#page1.tif source=YAMA-0594_Signed_Decs_combined#page2.tif source=YAMA-0594_Signed_Decs_combined#page3.tif source=YAMA-0594_Signed_Decs_combined#page4.tif source=YAMA-0594_Signed_Decs_combined#page5.tif source=YAMA-0594_Signed_Decs_combined#page6.tif

Rossi, Kimms & McDowell LLP

Attorney Docket No. YAMA-0594

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or United States Plus all Foreign Patent Rights

Title	nέ	Invention

⇒ INFORMATION PROVIDING SYSTEM, INFORMATION PROVIDING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

Application not Attached

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln. No.

United States Application Number or PCT International Appln. No.

15/827,615

Enter Filing Date

⇒ filed on November 30, 2017

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee

⇔ WHEREAS, YAMAHA CORPORATION

Insert Address of Assignee

→ of 10-1, Nakazawa-cho, Naka-ku, 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 and

Check Box if Appropriate

in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, 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, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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 agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion 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 agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Rossi, Kimms & McDowell LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME C	JE INVENTOR	

Inventor's Name → Inventor: Hiroyuki (WASE Date: 12, Dec, 2017

Inventor's Signature → Signature: Wiroyuki (Wase

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the one (1) supplemental sheet(s) attached hereto.

Page 2 of 3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Yuki SETO	Date: Dec 12, 20/7
Inventor's Signature	⇒ Signature:	Mulii Soto	, , , , , , , , , , , , , , , , , , ,
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Takahiro IWATA	Date: Dec (2, 2017
Inventor's Signature	⇒ Signature:	Tekahiro luata	· · · · · · · · · · · · · · · · · · ·
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Shota MORIGUCHI	Date: Dec 12, 2017
Inventor's Signature	⇒Signature:	Shota Morgaehs	,
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Tetsuro ISHIDA	Date: Dec 12, 2017
Inventor's Signature	⇔Signature:	Tetsuro Ishida	
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Yumiko OCHI	Date:
Inventor's Signature	⇔Signature:		

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or United States Plus all Foreign Patent Rights

Title of Invention

→ INFORMATION PROVIDING SYSTEM, INFORMATION PROVIDING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

Application not Attached

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Enter Appln. No.

⇒ United States Application Number or PCT International Appln. No.

15/827,615

Enter Filing Date

⇒ filed on November 30, 2017

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Insert Name of Assignee

⇒ WHEREAS, YAMAHA CORPORATION

Insert Address of Assignee

→ of 10-1, Nakazawa-cho, Naka-ku, 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 and

Check Box if Appropriate

in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, 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, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name	⇔	Inventor:	Hiroyuki IWASE	Date:
Inventor's Signature	⇒	Signature:		
			O/SB/14 or equivalent), including naming the entire inventive e inventor; or check the box below and complete the attached pa	
$oxed{\boxtimes}$ Additional inventors are being named on the <u>one (1)</u> supplemental sheet(s) attached hereto.				

Page 2 of 3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Inventor's Name	⇒ Inventor:	Yuki SETO	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Takahiro IWATA	Date:
Inventor's Signature	⇒ Signature:		***************************************
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Shota MORIGUCHI	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Tetsuro ISHIDA	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
inventor's Name	⇒Inventor:	Yumiko OCHI	Date: Jan, 13, 2018
Inventor's Signature	⇔Signature:	Murika Och	

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