507178140 03/15/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT7224986**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIYUKI OHASHI	02/28/2022
SHUNICHI KAMIYA	02/28/2022
ARATA IMAI	02/25/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17695097	

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 Email: mail@rkmllp.com

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

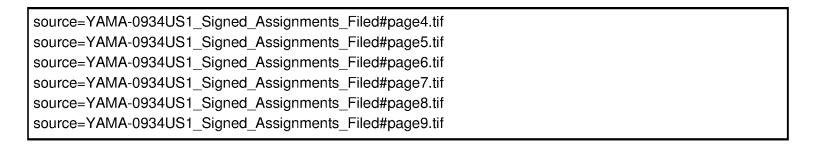
Address Line 2: **SUITE 150**

Address Line 4: ASHBURN, VIRGINIA 20147

ATTORNEY DOCKET NUMBER:	YAMA-0934US1
NAME OF SUBMITTER:	TAMMY KASSICK
SIGNATURE:	/Tammy Kassick/
DATE SIGNED:	03/15/2022

Total Attachments: 9

source=YAMA-0934US1_Signed_Assignments_Filed#page1.tif source=YAMA-0934US1_Signed_Assignments_Filed#page2.tif source=YAMA-0934US1 Signed Assignments Filed#page3.tif



DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention ⇒ AUDIO MIXER AND METHOD OF PROCESSING SOUND SIGNAL

	AODIO MINER AND METHOD OF PROCESSING SOUND SIGNAL
	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. 17/695,097
Enter Filing Date	⇒ filed on March 15, 2022
	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, 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 of 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 OF INVENTOR

Inventor's Name ⇒ Inventor:	Noriyuki OHASHI	Date: Feb. 28, 2022
Inventor's Signature ⇒ Signature:	/Noriyuki OHASHI/	

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.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Shunichi KAMIYA	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Arata IMAI	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
		ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		

Page 3 of 3

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention ⇒ AUDIO MIXER AND METHOD OF PROCESSING SOUND SIGNAL

	ADDIO MINER AND METHOD OF PROCESSING SOUND SIGNAL
	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. <u>17/695,097</u>
Enter Filing Date	⇒ filed on March 15, 2022
	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, 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	⇒
	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 of 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 NA	NAME OF INVENTOR		
Inventor's Name	⇔	Inventor:	Noriyuki OHASHI	Date:	
Inventor's Signature	⇒ ;	Signature:			
• •		•	D/SB/14 or equivalent), including naming the entire inventive enventor; or check the box below and complete the attached page	• • •	

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

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Shunichi KAMIYA	Date: February 28, 2022
Inventor's Signature	⇒ Signature:	/Shunichi Kamiya/	
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Arata IMAI	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		

Page 3 of 3

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention → AUDIO MIXER AND METHOD OF PROCESSING SOUND SIGNAL

AUDIO MIXER AND METHOD OF PROCESSING SOUND SIGNAL
As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
⇒ 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:
⇒ United States Application Number or PCT International Appln. No. 17/695,097
⇒ filed on March 15, 2022
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.
→ WHEREAS, YAMAHA CORPORATION
⇒ of 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka, 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
⇒ 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 of 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 IVA	AWE OF HIVEHIOR	
nventor's Name	⇔	Inventor:	Noriyuki OHASHI	Date:
nventor's Signature	⇔	Signature:		
A	al = .	/DT/	2/CD/4.4 or occurred at his including naming the entire invention	and the control of th

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.

LEGAL NIARGE OF INIVENITOR

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Shunichi KAMIYA	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Arata IMAI	Date: February 25, 2022
Inventor's Signature	⇒ Signature:	/Arata IMAI/	
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		

Page 3 of 3