PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI YAMAYA	05/17/2018
KOUICHI NAKAGOME	05/17/2018

RECEIVING PARTY DATA

Name:	CASIO COMPUTER CO., LTD.
Street Address:	6-2, HONMACHI 1-CHOME
City:	SHIBUYA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	151-8543

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15985360

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	18228
NAME OF SUBMITTER:	AMIT KULKARNI
SIGNATURE:	/ak/
DATE SIGNED: 05/21/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 504924276 REEL: 045864 FRAME: 0875

Combined Declaration and Assignment for Utility or Design Application

Title of Invention	SOUND SOURCE SEPARATION INFORMATION DETECTING DEVICE CAPABLE OF SEPARATING SIGNAL VOICE FROM NOISE VOICE, ROBOT, SOUND SOURCE SEPARATION INFORMATION DETECTING METHOD, AND STORAGE MEDIUM THREREFOR			
As the below	As the below named inventor, I hereby declare that:			
This declara		The attached application, or		
is directed t	[] United	United States application or PCT international application number filed on		
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.				
In consideration of value received, I sell and assign to <u>Casio Computer Co., Ltd.</u> , having a business address at <u>6-2, Honmachi 1-chome. Shibuya-ku. Tokyo 151-8543, Japan</u> , its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filling of any of said applications. I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said				
invention to said Assignee.			, , , , , , , , , , , , , , , , , , , ,	
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.				
I hereby acknowledge 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.				
LEGAL NAME OF INVENTOR				
Taka	shi YAMAYA	Fakashi Yamaya	may 17 - 2018	
Invento	or (printed name)	Signature	Date	

Holtz, Holtz & Volek PC

630 Ninth Avenue, Suite 1010, New York, NY 10036-3744 Tel. (212) 319-4900 Fax. (212) 319-5101

> PATENT REEL: 045864 FRAME: 0876

Combined Declaration and Assignment for Utility or Design Application

Title of Invention	DEVICE CAPABLE NOISE VOICE, I	SEPARATION INFORMATION E OF SEPARATING SIGNAL ROBOT, SOUND SOURCE SEF ETECTING METHOD, AND ST	VOICE FROM PARATION
As the belo	w named inventor, I her	eby declare that:	
This declaration [X] The attached application, or is directed to: [] United States application or PCT international application number filed on		nal application	
The above-	identified application wa	as 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.			
In consideration of value received, I sell and assign to <u>Casio Computer Co., Ltd.</u> , having a business address at <u>6-2</u> , <u>Honmachi 1-chome</u> , <u>Shibuya-ku</u> , <u>Tokyo 151-8543</u> , <u>Japan</u> , its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.			
I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.			
I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful caths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.			
I hereby acknowledge 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.			
LEGAL NAME OF INVENTOR			
Kouic	hi NAKAGOME	Koristi Habagomo	may 17, 2018
Invent	or (printed name)	Signature	Date

Holtz, Holtz & Volek PC 630 Ninth Avenue, Suite 1010, New York, NY 10036-3744 Tel. (212) 319-4900 Fax. (212) 319-5101

> PATENT REEL: 045864 FRAME: 0877

RECORDED: 05/21/2018