PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HITOSHI TANAKA	09/08/2016
TAKU KOREKI	09/08/2016
TAKASHI ONODA	09/08/2016
AI NAKAJIMA	09/08/2016
GENKI KUMAZAKI	09/08/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16043103

CORRESPONDENCE DATA

Fax Number:

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: 2123194900

Email: akulkarni@hhpatent.com

Correspondent Name: HOLTZ HOLTZ & VOLEK PC

Address Line 1: 630 NINTH AVENUE, SUITE 1010

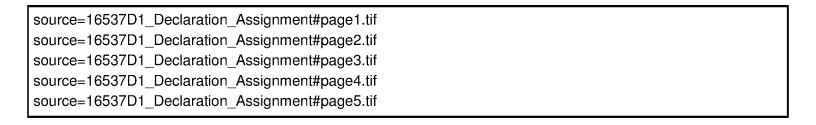
Address Line 4: NEW YORK, NEW YORK 10036-3744

ATTORNEY DOCKET NUMBER:	16537D1
NAME OF SUBMITTER:	AMIT KULKARNI
SIGNATURE:	/ak/
DATE SIGNED: 07/23/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 046434 FRAME: 0738

505016493



PATENT REEL: 046434 FRAME: 0739

Combined Declaration and Assignment				
Title of Invention				
As the belo	w named inventor, I her	eby declare that:		
This declar	2 2	attached application, or		
is directed t	[] United	d States application or PCT international application per filed on		
The above-	identified application wa	as made or authorized to be made by	/ me.	
I believe the application.		ntor or an original joint inventor of a c	plaimed invention in the	
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>Hon-machi 1-chome</u> , <u>Shibuya-ku</u> , <u>Tokyo</u> , <u>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 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				
Hito	oshi TANAKA	Witoshi Tamaka	September 8, 2016	
Invent	or (printed name)	Signature	Date	

PATENT REEL: 046434 FRAME: 0740

Combined Declaration and Assignment				
Title of Invention				
As the belo	w named inventor, I her	eby declare that:		
This declar		tached application, or		
is unecled t	[] United	States application or PCT rfiled on	internatio	nal application
The above-	identified application wa	as made or authorized to b	e made by	y me.
I believe the application.		ntor or an original joint inve	ntor of a c	claimed invention in the
In consideration of value received, I sell and assign to <u>CASIO COMPUTER CO., LTD.</u> , having a business address at 6-2. <u>Hon-machi 1-chome</u> , <u>Shibuya-ku</u> , <u>Tokyo</u> , <u>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 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				
Τε	aku KOREKI	Jahn Kor	ieki	09/08/2016
Invent	or (printed name)	Signature		Date

> PATENT REEL: 046434 FRAME: 0741

Combined Declaration and Assignment					
Title of Invention					
As the belo	w named inventor, I he	reby declare that:			
This declar		ttached application, or			
is directed t	[] United	States application or PCT internation filed on	nal application 		
The above-	identified application w	as made or authorized to be made by	y me.		
I believe that application.		ntor or an original joint inventor of a c	claimed invention in the		
In consideration of value received, I sell and assign to <u>CASIO COMPUTER CO., LTD.</u> , having a business address at 6-2, <u>Hon-machi 1-chome, Shibuya-ku, Tokyo, 151-8543, JAPAN</u> , its successors, assigns or nominees, hereinalter 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 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					
Tak	ashi ONODA	Takash Tron	8. Sep. 2016		
Invento	or (printed name)	Signature	Date		

Combined Declaration and Assignment				
Title of Invention	TOTAL TOTAL METALLING CONTRACTOR TOTAL TOT			
As the belo	w named inventor, I her	reby declare that:		
This declar	5 A	ttached application, or		
is directed t	[] United	States application or PCT international application orfiled on		
The above-	identified application wa	as made or authorized to be m	ade by me.	
I believe that application.	•	ntor or an original joint invento	r of a claimed invention in the	
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>Hon-machi 1-chome</u> , <u>Shibuya-ku</u> , <u>Tokyo</u> , <u>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				
Ai	NAKAJIMA	ai Nakajima	September 8, 2016	
Invento	or (printed name)	Signature	Date	

> PATENT REEL: 046434 FRAME: 0743

Combined Declaration and Assignment				
Title of Invention	IMAGE CAPTURE APPARATUS COMPRISING IMAGE TRANSMISSION FUNCTION			
As the belo	w named inventor, I her	eby declare that:		
This declara		ttached application, or		
is unected t	f 1 United	I States application or PCT international application er filed on		
The above-	identified application wa	as made or authorized to be made by	me.	
I believe that application.		ntor or an original joint inventor of a c	laimed invention in the	
In consideration of value received, I sell and assign to <u>CASIO COMPUTER CO., LTD.</u> , having a business address at 6-2. <u>Hon-machi 1-chome</u> , <u>Shibuya-ku. Tokyo</u> , 151-8543, <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 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				
Gen	iki KUMAZAKI	Zlnki Kumagaki	September 8. 2016	
Invent	or (printed name)	Signature	Date	

PATENT REEL: 046434 FRAME: 0744

RECORDED: 07/23/2018