PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3764603

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN ALEXANDER MARTIN	02/08/2016
HIDEJI WAKABAYASHI	02/08/2016
JUSSI KAHTAVA	07/12/2015
YUICHI MORIOKA	02/09/2016

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14915999

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

(703) 413-3000 Phone: Email: dgolac@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

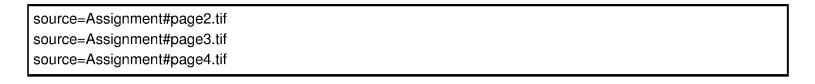
ATTORNEY DOCKET NUMBER: 467431US8X PCT		
NAME OF SUBMITTER:	DAMIR GOLAC	
SIGNATURE:	/Damir Golac/	
DATE SIGNED:	03/02/2016	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 4

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PATENT REEL: 037871 FRAME: 0333

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I-13-111-US-PCT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

	Title of Invention	COMMUNICATIONS DEVICE	AND METHOD
	As the below name	d inventor, I hereby declare that:	
	This declaration 🗵	The attached application, or	
	is directed to:	United States application or PCF interfiled on	national application number
	The above-identifie	d application was made or authorized to	he made by me.
-	I believe that I am t	he original inventor or an original joint i	eventor of a claimed invention in the application.
		NY CORPORATION	
	(JP), is desirous of	acquiring the entire right, title and int	business at: 1-7-1 Konan, Minato-ku, Tokyo 108-007; erest in and to said invention and in and to any Letter and its territorial possessions and in any and all foreign
100	sell, assign and tran and its territorial po- international Conve- and the entire right, States and its territor	sfer unto said ASSIGNEE, the full and ssessions and in all foreign countries (in ntion and other relevant International Tr title and interest in and to any and all La	on which is hereby acknowledged, I, by these presents de exclusive right to the said invention in the United States cluding the right to claim priority under the terms of the eaties and Arrangements from the aforesaid application) etters Patent which may be granted therefor in the United on countries and in and to any and all divisions, reissues,
8	any and all foreign assignce of my entir his) successors and	countries to issue any and all of said I e right, title and interest in and to the sa	s in the United States and its territorial possessions and etters Patent, when granted, to said ASSIGNEE as the time, for the sole use and behoof of said ASSIGNEE, its which said Letters Patent may be granted, as fully and signment and sale not been made.
a	especting said inve- ontinuation, substitu- il of said Letters P ossible to aid said	ention, and testify in any legal proce ute, renewal and reissue applications, ex atent to be issued to said ASSIGNEE.	NEE or its (his) representatives any facts known to me eding, sign all lawful papers, execute all divisional, ecute all necessary assignment papers to cause any and make all rightful oaths, and, generally do everything signs, to obtain and enforce proper protection for said nd in any and all foreign countries.
b	I hereby acknowle y fine or imprisonm	edge that any willful false statement mad out of not more than five (5) years, or be	e in this declaration is punishable under 18 U.S.C. 1001 off.
L	EGAL NAME OF I	INVENTOR	
Ir	nventor: Brian Ale	exander Martin	Date: <u>68 - FEB - 2016</u>
S	ignature:	2, QQ	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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DECLARATION (37 CER 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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As the below name	d inventor, I hereby declare that:	÷	2 44 44 44 44 44 44 44 44 44 44 44 44 44
}	The attached application, or		
is directed to:	United States application or PCT international filed on	l application	number
The above-identifie	d application was made or authorized to be mad	le by me.	
I believe that I am th	he original inventor or an original joint inventor	of a claimer	d invention in the application.
WHEREAS, SON	VY CORPORATION		
Cay to va cicquiona of	I to as "ASSIGNEE") having places of busines acquiring the entire right, title and interest in granted therefore in the United States and its	and to said	invention and in and to our letters
and its territorial por International Conver and the entire right, States and its territor	ORE, for good and valuable consideration which sfer unto said ASSIGNEE, the full and exclusive seessions and in all foreign countries (including attion and other relevant International Treaties a title and interest in and to any and all Letters Parial possessions and in any and all foreign countritions and renewals thereof.	ve right to the the right to and Arranger stent which r	te said invention in the United States claim priority under the terms of the uents from the aforesaid application)
assignce of my entire (his) successors and	e and request the Patent Office Officials in the countries to issue any and all of said Letters I e right, title and interest in and to the same, for assigns, to the full end of the term for which would have been held by me had this Assignment	atent, when the sole use said Letters	granted, to said ASSIGNEE as the and behoof of said ASSIGNEE, its
Further, I agree the respecting said investing said investition, substituall of said Letters P. possible to aid said.	hat I will communicate to said ASSIGNEE or ention, and testify in any legal proceeding, ite, renewal and reissue applications, execute a atent to be issued to said ASSIGNEE; make ASSIGNEE, its (his) successors and assigns, t ed States and its territorial possessions and in an	its (his) rep sign all law Il necessary all rightful o obtain and	resentatives any facts known to me viul papers, execute all divisional, assignment papers to cause any and oaths, and, generally do everything the offers a proper protection for said
I hereby acknowle by fine or imprisonme	edge that any wilfful false statement made in this cnt of not more than five (5) years, or both.	s declaration	is punishable under 18 U.S.C. 1001
LEGAL NAME OF I	NVENTOR		
inventor: <u>Hideji W</u> r	akabayashi	Date:	02/08/2016
Signature: Ni	dezi Wahalingoshi		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.F.
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1940 DUKE STREET
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Title of Invention	COMMUNICATIONS DEVICE AND METHOD		
As the below name	d inventor, I hereby declare that:		
This declaration 🗵	his declaration 🗵 The attached application, or		
is directed to:	United States application or PCT international application number filed on		
The above-identifie	ed application was made or authorized to be made by me.		
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.		
(hereinafter referred (JP), is desirous of	NY CORPORATION d to as "ASSIGNEE") having places of business at: 1-7-1 Konan, Minato-ku, Tokyo 108-0075 acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign		
sell, assign and tran and its territorial po- International Convo- and the entire right, States and its territo	ORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do asfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States assessions and in all foreign countries (including the right to claim priority under the terms of the ention and other relevant International Treaties and Arrangements from the aforesaid application) title and interest in and to any and all Letters Patent which may be granted therefor in the United orial possessions and in any and all foreign countries and in and to any and all divisions, reissues, titutions and renewals thereof.		
any and all foreign assignee of my enti (his) successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.		
respecting said inv continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissne applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.		
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.		
LEGAL NAME OF			
Inventor: Jussi KA	AHTAVA Date: $67/12/2015$		
Signature:	n &		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of COMMUNICATIONS DEVICE AND METHOD Invention		
As the below named inventor, I hereby declare that:		
This declaration 🔀 The attached application, or		
is directed to: United States application or PCT international application number		
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.		
WHEREAS, SONY CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 1-7-1 Konan, Minato-ku, Tokyo 108-0075 (JP), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do sell, assign and transfer anto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign 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		
Inventor: Yuichi Morioka Date: 9 Feb 20/6		
Signature: Ul On.		

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ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 037871 FRAME: 0338

RECORDED: 03/02/2016