503594060 12/03/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3640690

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LOTHAR STADELMEIER	12/01/2015
MAKIKO KAN	11/15/2015
NABIL LOGHIN	11/15/2015
DANIEL SCHNEIDER	11/13/2015
JAN ZOELLNER	11/21/2015
LACHLAN BRUCE MICHAEL	11/24/2015
YUJI SHINOHARA	11/16/2015
SAMUEL ASANGBENG ATUNGSIRI	11/30/2015
GHOLAM HOSEIN ASJADI	11/15/2015
MATTHEW PAUL ATHOL TAYLOR	11/18/2015

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:	14894131

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.

Phone: (703) 413-3000

Email: mvukovic@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 462573US8XPCT

NAME OF SUBMITTER:	MARA VUKOVIC
SIGNATURE:	/Mara Vukovic/
DATE SIGNED:	12/03/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10	
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source=462573USASSN#page9.tif	
source=462573USASSN#page10.tif	

Invention TRANSMITTER AND TRANSMISSION METHOD FOR TRANSMITTING PAYLOAD DATA AND EMERGENCY INFORMATION			
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 PCT/EP2014/061467 filed on 03 JUN 2014			
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, Japan, 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 unto 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: Lothar STADELMEIER Date: Unit (2005)			
Signature:			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	TRANSMITTER AND TRANSMI PAYLOAD DATA AND EMERGI	SSION METHOD FOR TRANSMITTING ENCY INFORMATION
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT internation on 03 JUN 2014	ational application number PCT/EP2014/061467
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sell, assign and trar and its territorial po International Conve and the entire right, States and its territo	nsfer unto said ASSIGNEE, the full and epsessions and in all foreign countries (incention and other relevant International Troposition and interest in and to any and all Le	n which is hereby acknowledged, I, by these presents do 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) tters Patent which may be granted therefor in the United in countries and in and to any and all divisions, reissues,
any and all foreign assignee of my enti (his) successors and	countries to issue any and all of said L ire 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 me, 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.
respecting said inv continuation, substi- all of said Letters possible to aid said	vention, and testify in any legal proce itute, renewal and reissue applications, ex Patent to be issued to said ASSIGNEE.	NEE or its (his) representatives any facts known to me eding, sign all lawful papers, execute all divisional, secute 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 and in any and all foreign countries.
	rledge that any willful false statement mad ment of not more than five (5) years, or be	de in this declaration is punishable under 18 U.S.C. 1001 oth.
LEGAL NAME OF	FINVENTOR	
Inventor: Makiko	KAN	Date: Nov.15, 2015
Signatura: /Maki	iko KAN/	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	TRANSMITTER AND TRANSMISSIC PAYLOAD DATA AND EMERGENC		
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is directed to:	United States application or PCT international filed on 03 JUN 2014	al application number PCT/EP2014/061467	
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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.			
	rledge that any willful false statement made in t ment of not more than five (5) years, or both.	his declaration is punishable under 18 U.S.C. 1001	
LEGAL NAME OF	FINVENTOR		
Inventor: Nabil Le	OGHIN	Date: 2015111 ()	
Signature:	gr (of:		

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

Title of Invention	TRANSMITTER AND TRANSMISSIC PAYLOAD DATA AND EMERGENC	
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any and all foreign assignee of my enti (his) successors and	countries to issue any and all of said Letters ire right, title and interest in and to the same, f	ne United States and its territorial possessions and Patent, when granted, to said ASSIGNEE as the or the sole use and behoof of said ASSIGNEE, its a said Letters Patent may be granted, as fully and tent and sale not been made.
respecting said inv continuation, substi- all of said Letters possible to aid said	vention, and testify in any legal proceeding tute, renewal and reissue applications, execute Patent to be issued to said ASSIGNEE, mak	or its (his) representatives any facts known to me, sign all lawful papers, execute all divisional, all necessary assignment papers to cause any and e all rightful oaths, and, generally do everything, to obtain and enforce proper protection for said any and all foreign countries.
I hereby acknow by fine or imprison	ledge that any willful false statement made in t ment of not more than five (5) years, or both.	his declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Daniel S	SCHNEIDER	Date: No ign, wis
Signature:	· () 9	

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

Title of Invention	TRANSMITTER AND TRANSM PAYLOAD DATA AND EMERO	IISSION METHOD FOR TRANSMITTING GENCY INFORMATION
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT interfiled on 03 JUN 2014	national application number PCT/EP2014/061467
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.
Japan, is desirous	d to as "ASSIGNEE") having places of of acquiring the entire right, title and i	business at: 1-7-1 Konan, Minato-ku, Tokyo 108-0075, nterest in and to said invention and in and to any Letters and its territorial possessions and in any and all foreign
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any and all foreign assignee of my ent (his) successors an	a countries to issue any and all of said ire right, title and interest in and to the	Letters Patent, when granted, to said ASSIGNEE as the same, for the sole use and behoof of said ASSIGNEE, its or which said Letters Patent may be granted, as fully and assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	vention, and testify in any legal pro- itute, renewal and reissue applications, Patent to be issued to said ASSIGNE	GNEE or its (his) representatives any facts known to me beeding, sign all lawful papers, execute all divisional, execute all necessary assignment papers to cause any and E, make all rightful oaths, and, generally do everything assigns, to obtain and enforce proper protection for said and in any and all foreign countries.
_	ledge that any willful false statement m ment of not more than five (5) years, or	ade in this declaration is punishable under 18 U.S.C. 1001 both.
LEGAL NAME O	FINVENTOR	
Inventor: Jan ZO	ELLNER	Date: 11/21/15
Signature: \JAN 2	ZOELLNER\	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of TRANSMITTER AND TRANSMISSION METHOD FOR TRANSMITTING PAYLOAD DATA AND EMERGENCY INFORMATION		
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 PCT/EP2014/061467 filed on 03 JUN 2014		
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, Iapan, 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 unto 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.		
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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: Lachlan Bruce MICHAFI. Signature: Date: 24th Nov. 2015		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	PAYLOAD DATA AND EMERGENCY	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international filed on 03 JUN 2014	application number PCT/EP2014/061467
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NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I, by these presents do sell, assign and transfer unto 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.		
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LEGAL NAME O	FINVENTOR	
Inventor: Yuji SI	HINOHARA	Date: 16th November, 2015
Signature: \(\sum_{\sqrt{\sq}}}}}}}}}} \simptintinitien\sintintint{\sinthintit{\sinthintit{\sintitex{\sqrt{\sq}}}}}}}}} \sqrt{\sq}}}}}}}}}}}} \signtimes\signtifithat{\sinti\sintitex{\sq}\sqrt{\sqrt{\sq}}}}}}}}} \end{\sqit{\sqrt{\sq}}}}}}}}} \sqit{\sqnt	ji SHINOHARA	

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

ALEXANDRIA, VIRGINIA 22314

Title of Invention	TRANSMITTER AND TRANSMISSION METHOD FOR TRANSMITTING PAYLOAD DATA AND EMERGENCY INFORMATION	
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LEGAL NAME OF	$^{\prime}$	
Inventor: Samuel	Asangbeng ATUNGSIRI Date: 30/11/2015	
Signature:	~ ladd	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	TRANSMITTER AND TRANSMISSION PAYLOAD DATA AND EMERGENCY			
As the below name	As the below named inventor, I hereby declare that:			
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LEGAL NAME OF INVENTOR				
Inventor: Gholam	n Hosein ASJADI	Date: 15 th November 2015		
Signature: /Ghol	am Hosein ASJADI/			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Matthey	w Paul Athol TAYLOR Date: 18 th November, 2015.	
Signature: /Matth	ew Paul Athol TAYLOR/	

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