### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3941098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MUHAMMAD NABIL SVEN LOGHIN	06/15/2016
SATOSHI OKADA	03/25/2016
LOTHAR STADELMEIER	06/15/2016

#### **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:	15101332

#### 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: mvukovic@oblon.com

**Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 469023US8SHPCT	
AME OF SUBMITTER: MARA VUKOVIC	
SIGNATURE:	/Mara Vukovic/
DATE SIGNED:	06/29/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

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> **PATENT** REEL: 039041 FRAME: 0665 503894448

Attorney Docket No.: Sony Ref. No.: SP356695US00

# 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 DATA PROCESSING DEVICE AND DATA PROCESSING METHOD		
As the below named inventor, I hereby declare that:		
This declaration is directed to:		
United States application or PCT international application number PCT/JP2014/081329 filed on 2014/11/27		
The above-identified application was made or authorized to be made by me.		
1 believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  WHEREAS, SONY CORPORATION , with offices at		
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereimafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;		
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;		
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;		
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;		
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;		
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.		
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: MUHAMMAD NABIL SVEN LOGHIN Ditte: 15.6.		
Signature: 100 Up.		

PATENT REEL: 039041 FRAME: 0666

Attarney Docket No.: Sony Bef. No.: SP35609SUS@

## 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 DATA PROCESSING DEVICE AND DATA PROCESSING METHOD Invention
As the below named inventor, Thereby declare that:
This declaration
United States application or PCT international application number PCT/JP2014/081329 filed on 2014/11/27
The above-identified application was made or nutherized to be made by me.
I believe that I am the original deventor or an original joint deventor of a claduled invention in the application.  WHEREAS, SONY CORPORATION, with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 168-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of
acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or studios logal protection which may be granted therefor in the United States and in any and all foreign countries;
NGW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and orfliciously of which are hereby acknowledged. I by these presents the hereby assign, sell and transfer into said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-Analysism Convention Belating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of America solicers, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Fatent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto:
And I further agree to execute all necessary or desirable and lawful future decuments, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remaneration, in order to perfect title in said invention, modifications, and inconvenients in said invention, applications and Letters Pstern of the United States and countries foreign thereto:
And I further agree to properly execute and deliver and without further remaneration, such necessary or desirable and lawful papers for application for furning paseurs, for filing subdivisions of said application for paseur, and or, for obtaining any ressues or ressues of any Leners Paseur which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall bereafter require and prepare as its own expense;
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Potent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or hitigation related therein;
And I hereby coverant that so assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.
Thereby acknowledge that any willful false statement made in this declaration is posishable under 18 U.S.C. 1001 by fine or imprisosment of us; more than five (5) years, or both
LEGAL NAME OF INVENTOR
inventor: SATOSHI OKADA Date: March 35, 20/6
rignamics <u>State W. Akada</u>

PATENT REEL: 039041 FRAME: 0667

### 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	DATA PROCESSING DEVICE AND DATA PROCESSING METHOD	
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This declarati is directed to:	The attraction of amplication of	
	United States application or PCT international application number PCT/JP2014/081329 filed on 2014/11/27	
The above-ide	entified 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 , with offices at		
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;		
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and tegal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;		
designee, as remuneration.	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of tes and countries foreign thereto:	
application for	agree to properly execute and deliver and without further remuneration, such necessary or destrable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters nay be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;	
application, sa	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said jud invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will esame in any interference or litigation related thereto;	
And I hereby of this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.	
	rwledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
	E OF INVENTOR	
luventor:	Lethar STADELMEIER Date:	
Signature:	57	

PATENT REEL: 039041 FRAME: 0668

RECORDED: 06/29/2016