### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MITSUHARU MATSUMOTO	12/18/2020
MAMORU SUZUKI	12/09/2020
SUSUMU ICHIKAWA	12/14/2020
TAKATOSHI MATSUYAMA	12/23/2020
MASATOSHI NAKAMURA	12/23/2020

### **RECEIVING PARTY DATA**

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN, MINATO-KU
City:	TOKYO
State/Country:	JAPAN

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17259377

### **CORRESPONDENCE DATA**

**Fax Number:** (312)827-8185

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:** 312-781-6017

**Email:** chicago.patents@klgates.com

Correspondent Name: NOLAN R. HUBBARD, K&L GATES LLP

Address Line 1: P.O. BOX 1135

Address Line 4: CHICAGO, ILLINOIS 60690-1135

ATTORNEY DOCKET NUMBER:	3712174.04464
NAME OF SUBMITTER:	NOLAN R. HUBBARD
SIGNATURE:	/Nolan R. Hubbard/
DATE SIGNED:	01/11/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5** 

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PATENT REEL: 054879 FRAME: 0310

EPAS ID: PAT6490071

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Title of Invention	DISPLAY APPARATUS
Docket Number	SYP327870US01
	ventor, I hereby declare that:
This declaration is directed to:	☐ The attached application, or
	United States application or PCT international application number  PCT/JP2019/027499 filed on 11 July 2019.
The above-identified a	pplication 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.
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both.
WHEREAS,	Sony Corporation
	as "ASSIGNEE") having a place of business at: , Tokyo,108-0075,Japan
desires to acquire the application;	entire right, title and interest in said invention and the above-identified United States patent
acknowledged, I herebidentified United State and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the aboves patent application and in all divisions, continuations and continuations-in-part of said application, as and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in any such patent applications in the United States and foreign countries;
own name and the rig	on to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ght to claim priority to the above-identified United States patent application under the terms of the ion and any other relevant treaties;
foreign countries to is interest in and to the	orize and request the United States Patent & Trademark Office and officials in patent offices in sue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and ne same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal full end of the term for which said Letters Patent may be granted; and
respecting said inventice continuation-in-part, s Letters Patent to be is:	e that, without further consideration, I will communicate to the ASSIGNEE any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause said sued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, gas, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.
LEGAL NAME OF	INVENTOR
Inventor: mitsuharu r	natsumoto Date: 2020/12/18
Signature: /mitsuharu	matsumoto/

Title of Invention	DISPLAY APPARATUS
Docket Number	SYP327870U\$01
As the below named in	ventor, I hereby declare that:
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Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.	
LEGAL NAME OF	INVENTOR
Inventor: MAMORU	Date: December 9, 2020
Signature: Mam	ora Sazaki

Title of Invention	DISPLAY APPARATUS
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foreign countries to is interest in and to the	orize and request the United States Patent & Trademark Office and officials in patent offices in sue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and ne same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal full end of the term for which said Letters Patent may be granted; and
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LEGAL NAME OF	INVENTOR
Inventor: SUSUMU IC	Date: 2020/12/14
Signature: / Susumu	Ichikawa /

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Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.	
LEGAL NAME OF	N.W.F.N.W.O.D.
LEGAL NAME OF	INVENTOR
Inventor: TAKATOSH	HI MATSUYAMA Date: 2020/12/23
Signature:/Taka	toshi Matsuyama/

Title of Invention	DISPLAY APPARATUS
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This declaration	_
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respecting said invent continuation-in-part, s Letters Patent to be is	the that, without further consideration, I will communicate to the ASSIGNEE any facts known to me ton, 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 said sued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, gas, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.
LEGAL NAME OF	INVENTOR
Inventor: MASATOS	HI NAKAMURA Date: December 23, 2020
Signature: / Masatos	shi Nakamura /

**RECORDED: 01/11/2021**