506440674 01/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6487442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEJI WAKABAYASHI	12/18/2020
ANDERS BERGGREN	01/04/2021
YUXIN WEI	12/17/2020
VIVEK SHARMA	12/17/2020
SHINICHIRO TSUDA	12/22/2020

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-0075
Name:	SONY MOBILE COMMUNICATIONS INC.
Name: Street Address:	SONY MOBILE COMMUNICATIONS INC. 4-12-3 HIGASHI-SHINAGAWA, SHINAGAWA-KU
Street Address:	4-12-3 HIGASHI-SHINAGAWA, SHINAGAWA-KU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16954530

CORRESPONDENCE DATA

Fax Number: (571)376-6334

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: 5713766333

Email: anaquadocketing@Xsensus.com

Correspondent Name: XSENSUS LLP

200 DAINGERFIELD ROAD Address Line 1:

Address Line 2: **SUITE 201**

Address Line 4: ALEXANDRIA, VIRGINIA 22314

> **PATENT REEL: 054862 FRAME: 0788**

506440674

ATTORNEY DOCKET NUMBER:	14559US01	
NAME OF SUBMITTER:	KAORU SAITO	
SIGNATURE:	/Kaoru Saito/	
DATE SIGNED: 01/08/2021		
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5		

source=14559US01_executed_DEC-ASSN#page1.tif source=14559US01_executed_DEC-ASSN#page2.tif source=14559US01_executed_DEC-ASSN#page3.tif source=14559US01_executed_DEC-ASSN#page4.tif source=14559US01_executed_DEC-ASSN#page5.tif

Invention	COMMUNICATIONS DEVICES, INFRASTRUCTURE EQUIPMENT, LOC SERVERS AND METHODS	CATION			
As the below na	med inventor, I hereby declare that:				
This declaration	This declaration The attached application, or				
is directed to:	☐ United States application or PCT international appl	ication n	number	_US16/954,530	
filed on 17 June	e 2020				
The above-ident	ified application was made or authorized to be made by n	ae.			
I believe that I a	m the original inventor or an original joint inventor of a c	laimed i	invention in	the application.	
WHEREAS, S	Sony Corporation and Sony Mobile Communications, Inc.	·		***************************************	
(hereinafter refe	erred to as "ASSIGNEES") having places of business a	ıt: <u>1-7-1</u>	-Konan, Mi	nato-ku, Tokyo 108-0075	
Japan: and					
4-12-3 Higashi-	Shinagawa, Shinagawa-ku, Tokyo 140-0002 Japan				
	equiring the entire right, title and interest in and to said in therefore in the United States and its territorial possession				
NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt of 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 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 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 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: Hideji	Wakabayashi	Date:	18/Deemb	per/2020	
Signature: /Hig	deji Wakabayashi/				

XSENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

X TEXTS OF X	COMMUNICATIONS DEVICES, INFRASTRUCTURE EQUIPMENT, LOCATION		
Invention	SERVERS AND METHODS		
As the below na	med inventor, I hereby declare that:		
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Japan; and	·		
4-12-3 Higa shi-S	Shina ga wa , Shina ga wa -ku , Toky o 140-0002 Japan		
	equiring the entire right, title and interest in and to said invention and in and to any Letters Patent that therefore in the United States and its territorial possessions and in any and all foreign countries;		
by these present the United State the terms of the I application) and the United State	EFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, I, its do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in es and its territorial possessions and in all foreign countries (including the right to claim priority under International Convention and other relevant International Treaties and Arrangements from the aforesaid I the entire right, title and interest in and to any and all Letters Patent which may be granted the refor in es and its territorial possessions and in any and all foreign countries and in and to any and all divisions, nations, substitutions and renewals thereof.		
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	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ment of not more than five (5) years, or both.		
LEGAL NAME	OF INVENTOR		
Inventor: Anders	s Berggren Date: 2021-01-04		
Signature: /And	ders Berggren/		

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11010 01	COMMUNICATIONS DEVICES, INFRASTRUCTURE EQUIPMENT, LOC SERVERS AND METHODS	TATION	
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	quiring the entire right, title and interest in and to said in the United States and its territorial possession		
by these presents the United States the terms of the I application) and the United States	EFORE, for good, valuable, and adequate consideration, the dosell, assign and transfer unto said ASSIGNEE, the fits and its territorial possessions and in all foreign countries the entire right, title and interest in and to any and all Less and its territorial possessions and in any and all foreign ations, substitutions and renewals thereof.	all and exclusive right to the said invention in es (including the right to claim priority under Treaties and Arrangements from the aforesaid etters Patent which may be granted therefor in	
and all foreign comy entire right, to assigns, to the fu	orize and request the Patent Office Officials in the United ountries to issue any and all of said Letters Patent, when a title and interest in and to the same, for the sole use and bull end of the term for which said Letters Patent may be grown me had this Assignment and sale not been made.	granted, to said ASSIGNEE as the assignee of behoof of said ASSIGNEE, its successors and	
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	owledge that any willful false statement made in this decl ment of not more than five (5) years, or both.	aration is punishable under 18 U.S.C. 1001 by	
LEGAL NAME	OF INVENTOR		
Inventor: Yuxin	Wei	Date: 17/12/2020	
Signature: /Yux	kin Wei/		

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	COMMUNICATIONS DEVICES, INFRASTRUCTURE EQUIPMENT, LOCATION SERVERS AND METHODS				
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I believe that I ar	m the original inventor or an original joint inventor of a claimed invention in the application.				
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LEGAL NAME	OF INVENTOR				
Inventor: Vivek	Sharma Date: 17/12/2020				
Signature: /Viv	ek Sharma/				

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Title of Invention	COMMUNICATIONS DEVICES, INFRASTRUCTURE EQUIPMENT, LOCAT SERVERS AND METHODS	ION		
As the below na	amed inventor, I hereby declare that:			
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is directed to:	☐ United States application or PCT international application	tion nu	ımber	_US16/954,530
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I believe that I a	um the original inventor or an original joint inventor of a clai	med in	vention in t	he application.
WHEREAS, 5	Sony Corporation and Sony Mobile Communications, Inc.			
(hereinafter refe	erred to as "ASSIGNEES") having places of business at:	1-7-1-k	Konan, Min	nato-ku, Tokyo 108-0075
Japan; and				
4-12-3 Higashi-	Shinagawa, Shinagawa-ku, Tokyo 140-0002 Japan			
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LEGAL NAME	OF INVENTOR			
Inventor: Shinic	chiro Tsuda	oate: 2	22 nd Decem	ber, 2020
Signature: /Sh:	inichiro Tsuda/			

XSENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

RECORDED: 01/08/2021