507277928 05/11/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7324849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZULEITA HO	04/08/2022

RECEIVING PARTY DATA

Name:	SONY GROUP 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:	17279234

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	PS18 0239US1
NAME OF SUBMITTER:	ROSS M. KOWALSKI
SIGNATURE:	/Ross M. Kowalski/
DATE SIGNED:	05/11/2022

Total Attachments: 4

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507277928 PATENT REEL: 059953 FRAME: 0333

Attorney Docket No: 33748SE (SYP330173)

ASSIGNMENT

WHEREAS, I, as a named inventor listed on the attached APPENDIX 1 (hereinafter referred to as "APPENDIX 1"), have invented certain new and useful improvements in the invention(s) listed on the same, for which an application for Letters Patent was executed on the priority date included thereon; and

WHEREAS, SONY GROUP CORPORATION (previously named Sony Corporation with the name change being effective on 1 April 2021) a corporation organized and existing under the laws of Japan, with offices at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring interests in my entire right, title and interest in and to said invention(s) 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 indirectly unto said ASSIGNEE, my full and exclusive right to the said invention(s) 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 my 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.

The priority application was filed in the name of Sony Mobile Communications Inc. by virtue of (i) my employment contract and/or a preexisting agreement or mutual understanding between myself and my employer and (ii) agreements made between my employer and Sony Mobile Communications Inc. pursuant to which my full and exclusive right to the said invention(s) 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 my 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 were sold, assigned and transferred to Sony Mobile Communications Inc. Sony Mobile Communications Inc. subsequently sold, assigned and transferred my full and exclusive right to the said invention(s) 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 my 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 to Sony Corporation on 1 January 2019. Sony Corporation changed its name on 1 April 2021 to Sony Group Corporation as evidenced by the extract from the Japanese Company Register included in the attached APPENDIX 2.

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 REEL: 059953 FRAME: 0334 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(s), 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(s) in the United States and its territorial possessions and in any and all foreign countries.

I hereby authorize and request the attorney(s) of record in this application to insert on the APPENDIX 1 any further identification, including the filing date and application number of the country in which an application for Letters Patent has been or will be subsequently filed, which may be necessary or desirable in order to comply with the rules of the patent office of that country for recordation of this document.

This Assignment Agreement shall be governed by and construed under the laws of the State of New York, United States of America, without regard to conflict of laws principles, all rights and remedies being governed by said laws.

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.

This assignment executed on the dates indicated below.

1.3

	Zudecta Mo		~8/~	TILVEC
Name	of inventor UNCrt. (Execution dat	e of this assignment	[DD/MONTH/YYYY]
Signat	ure of inventor	V		
SONY	GROUP CORPORATION	1		
Date:	12/April/2022	Ву:	M	4
·eccinine	[DD/MONTH/YYYY]	Title:	ime: Iv authorized office	Massyoshi Doshida General Manager Infellectual Property and Standards Division & Sony Group Corporation

PATENT REEL: 059953 FRAME: 0335

was read to make a

APPENDIX 1

U.S. U.S. Application Filing Date	17/279,234 24 Mar 21	
Sony U. Reference Appli	SXP338347 17/27	
SE Filing Date 1	28 Sep 18	
SE Application	1830273-7	
Inventors	HO, Zuleita RUSEK, Fredrik ZANDER, Olof BENGTSSON, Erik PALENIUS, Yorgay ZHAO, Kun	
Title	Interference decrease, and increase, in multi Panel/TRP systems	

PATENT REEL: 059953 FRAME: 0336

APPENDIX 2

[include JP extract of Company Register and also English notarized translation]

PATENT REEL: 059953 FRAME: 0337

RECORDED: 05/11/2022