506167030 07/22/2020 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ	i			
		Name		Execution Date	
SONY MOBILE COMMUNICATIONS		ONS INC.		07/07/2020	
RECEIVING PARTY DA	ТА				
Name:	SONY	SONY CORPORATION			
Street Address:	1-7-1 KONAN				
Internal Address:	MINATO-KU				
City:	ΤΟΚΥΟ				
State/Country:	JAPAN				
Postal Code:	108-00	75			
PROPERTY NUMBERS Total: 1 Property Type					
D J T		NI I			
		Number			
Property Type Application Number:		Number 16960628			
	ΑΤΑ				
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ASSIGNMENT

WHEREAS, SONY MOBILE COMMUNICATIONS INC. of 4-12-3, Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNOR"), is the owner, by assignment, of the application for Letters Patent of the United States of America entitled METHODS, DEVICES AND COMPUTER PROGRAM PRODUCTS FOR GLOBAL BUNDLE ADJUSTMENT OF 3D IMAGES. for which PCT International Application Serial No. PCT/US2018/019334 was filed on February 23, 2018; and U.S. Patent Application No. <u>16/960,628</u> was filed on <u>07-08-2020</u> (ASSIGNOR hereby authorizes and requests Myers Bigel, P.A., to insert the filing date and application number of said application when known or to file this Assignment concurrently with the application); and

WHEREAS, **SONY CORPORATION** of 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said application for Letters Patent and all inventions described therein;

NOW, THEREFORE, after good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR by these presents does sell, assign, and transfer unto said ASSIGNEE the entire right, title, and interest for the territory of the United States of America in and to the aforesaid application for Letters Patent and the invention(s) described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, substitutions, and renewals thereof.

ASSIGNOR hereby authorizes and requests the Patent Office in the United States and its territorial possessions to issue any and all said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title, and interest in and to the same, for the sole use and behalf 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 ASSIGNOR had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, ASSIGNOR has caused these presents to be signed by its officer thereunto duly authorized.

SONY MOBILE COMMUNICATIONS INC.

Date: July 7, 2020

10 17

Name: Ryosuke Nomura

Title: Senior Manager Intellectual Property Section

PATENT REEL: 053284 FRAME: 0234

RECORDED: 07/22/2020