## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI6420

NATURE OF CONVEYANCE: Corrective Assignm	SIGNMENT
3	nent to correct the Fourth Inventor previously recorded me 170. Assignor(s) hereby confirms the the

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>	
GEONWOO KIM	02/25/2022	
SUNG KWANG CHO	02/25/2022	
YANG HO CHO	02/25/2022	
DONG KYUNG NAM	02/25/2022	

### **RECEIVING PARTY DATA**

Company Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

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

Property Type	Number	
Application Number:	17688247	

#### **CORRESPONDENCE DATA**

**Fax Number:** 2023153758

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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**Correspondent Name:** NSIP LAW **Address Line 1:** P.O. box 65745

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NAME OF SUBMITTER:	Alberto Ovelar
SIGNATURE:	Alberto Ovelar
DATE SIGNED:	02/06/2024

## **Total Attachments: 3**

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# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7210543

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
GEONWOO KIM	02/25/2022	
SUNG KWANG CHO	02/25/2022	
YANG HO CHO	02/25/2022	
NAM-DONG KYUNG NAM	02/25/2022	

### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

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

Property Type	Number	
Application Number:	17688247	

### CORRESPONDENCE DATA

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**NSIP LAW Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	012052.2163
NAME OF SUBMITTER:	S. MAHMOOD AHMAD
SIGNATURE:	/S. Mahmood Ahmad/
DATE SIGNED:	03/07/2022

**Total Attachments: 2** 

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**PATENT** REEL: 066495 FRAME: 0791 507163698

## COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

#### **DECLARATION**

or to United States Application Number or PCT Inte	* *
filed on	(if applicable), entitled:
•	ONIC DEVICE FOR PERFORMING THE METHOD, MAGE SENSOR
The above-identified application was made or auth	orized to be made by me.
I believe I am the original inventor or an original joi application.	nt inventor of a claimed invention in the above-identified
I hereby acknowledge that any willful false stateme 1001 by fine or imprisonment of not more than five	ent made in this declaration is punishable under 18 USC (5) years, or both.
I have reviewed and understand the contents of the	e above-identified application, including the claims.
me to be material to patentability as defined in 37 (	ates Patent and Trademark Office all information known to CFR 1.56, including for continuation-in-part applications, in the filing date of the prior application and the national or part application.
AS	SIGNMENT
For valuable consideration, I, as a below-named as	ssignor, hereby assign to:
Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-t Gyeonggi-do 16677 Republic of Korea	si
and its successors and assigns (collectively herein	after called "the Assignee"), the entire right, title, and
interest throughout the world in the inventions and	improvements that are the subject of the application
identified in the above declaration, which is United Number17/688,247 filed on	States Application Number or PCT International Application March 7, 2022

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

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# COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	GEONWOO KIM			***************************************	
Inventor's Signature	2029	Date	Feb	25,	2022
Residence (City, Country)	Suwon-si, Republic of Korea	***************************************	***************************************		
Mailing Address Samsung Advanced Institute of Technology, 130 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16678, Republic of Korea					

Inventor's Legal Name	SUNG KWANG CHO		
Inventor's Signature	7 1 Date Feb. 25. 2022		
Residence (City, Country)	Seaul, Republic of Korea		
Mailing Address	Samsung Advanced Institute of Technology, 130 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16678, Republic of Korea		

Inventor's Legal Name	YANG HO CHO			***************************************	***************************************
Inventor's Signature	my	Date	Feb :	25, 2022	
Residence (City, Country)	Seongnam-si, Republic of Korea		·	444444	
Mailing Address	Samsung Advanced Institute of Technology, 13- Gyeonggi-do 16678, Republic of Korea	0 Samsı	ung-ro, Yeong	itong-gu, Suwon-si	1

Inventor's Legal Name	NAM DONG KYUNG
Inventor's Signature	Dengton Van Date Feb. 25, 2022
Residence (City, Country)	Yongin-si, Republic of Korea
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