PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6469393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONGSOO KIM	12/04/2020
JAEHYOUNG PARK	12/23/2020
HWAYONG KANG	12/09/2020
SHUICHI SHIMOKAWA	12/09/2020
TAKAFUMI USUI	12/23/2020
YOUNGKWON YOON	12/09/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17134644

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	12/28/2020

Total Attachments: 4

PATENT REEL: 054751 FRAME: 0805

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PATENT REEL: 054751 FRAME: 0806

Client Ref No.: GM-201804-012-1-US0

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

- 1) Dongsoo KIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
- 2) Jaehyoung PARK of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
- 3) Hwayong KANG of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
- 4) Shuichi SHIMOKAWA of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
- 5) Takafumi USUI of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
- 6) Youngkwon YOON of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677 REPUBLIC OF KOREA

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America and all other countries as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

ELECTRONIC DEVICE COMRISING IMAGE SENSOR AND METHOD OF OPERATION THEREOF

invented by **Assignor**; the application for United States patent and all other countries, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of

Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent and all other countries. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Dongsoo KIM	Signature of inventor
	Dated: <u>DEC-04-2020.</u>
	WITNESSED:
Name of Second Inventor: Jaehyoung PARK	Jackyanny Park Signature of inventor
	Dated: DEC -23 -200
	WITNESSED:
Name of Third Inventor: Hwayong KANG	Hwatowy Karg Signature of inventor
	Dated: 1) Ec - 08 - 2020
	WITNESSED:
Name of Fourth Inventor: Shuichi SHIMOKAW	A Shuichi Shimokawa. Signature of inventor
	Dated: DEC-09-200
	WITNESSED:

Name of Fifth Inventor: Takafumi USUI	Signature of inventor	
	Dated: /2 / 23 / 2020	
	WITNESSED:	
Name of Sixth Inventor: Youngkwon YOON	Signature of inventor	
	Dated:	
	WITNESSED:	

Name of Fifth Inventor: Takafumi USUI	Signature of inventor
	Dated:
	WITNESSED:
Name of Sixth Inventor: Youngkwon YOON	Signature of inventor
	Dated: Dec. 09 2020
	WITNESSED:

RECORDED: 12/28/2020