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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIA-YU WEI	06/12/2018
HSIN-CHI CHEN	06/15/2018
KUO-CHENG LEE	06/16/2018
PING-HAO LIN	06/12/2018
HSUN-YING HUANG	06/19/2018
YEN-LIANG LIN	06/19/2018
YU TING KAO	06/12/2018

RECEIVING PARTY DATA

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State/Country:	TAIWAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17528542

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NAME OF SUBMITTER:	NINGJIAO ZHANG		
SIGNATURE:	/Ningjiao Zhang/		

DATE SIGNED:	11/17/2021
Total Attachments: 9	
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PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Chia-Yu Wei
Assignor(s): Hsin-Chi Chen
Assignor(s): Kuo-Cheng Lee
Assignor(s): Ping-Hao Lin
Assignor(s): Hsun-Ying Huang
Assignor(s): Yen-Liang Lin
Assignor(s): Yu Ting Kao
Assignee: Taiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China
AGREEMENT
WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
CMOS IMAGE SENSOR HAVING INDENTED PHOTODIODE STRUCTURE" for which:
a non-provisional application for United States Letters Patent:
oxtimes was executed on even date preparatory to filing (each inventor should sign this
Assignment on the same day as he/she signs the Declaration); or
was filed on and accorded U.S. Serial No; or

Page 1 of 9

I hereby authori	ize and	request i	ny attorne	y associate	d with (Customer	No
<u>107476</u> , to inser	t on the	designate	d lines be	low the filing	g date ai	nd applica	atior
number of said application when known:							
U.S. Serial No.				1			
filed on	***************************************			•			

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise. said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for

Page 2 of 9

United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

2018/6/12.

Date

Name 1st Inventor Chia-Yu Wei

Hisin-Chi Chen

5/15, >018, Date

Name 2nd Inventor H

2018,6,12

Date

Ping Hao Lin

Name 4th Inventor Ping-Hao Lin

2018 / 6 / 19 Date

Hsun-Ying Huang.
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Page 8 of 9

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Page 9 of 9

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