505729482 10/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

CONVEYING PARTY DATA

Name	Execution Date
KONG-BENG THEI	09/15/2017
CHIEN-CHIH CHOU	09/15/2017
FU-JIER FAN	09/13/2017
HSIAO-CHIN TUAN	09/15/2017
YI-HUAN CHEN	09/15/2017
ALEXANDER KALNITSKY	09/18/2017
YI-SHENG CHEN	09/15/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16656756				

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505729482 PATENT REEL: 050757 FRAME: 0553

DATE SIGNED:	10/18/2019
Total Attachments: 9	
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PATENT REEL: 050757 FRAME: 0554



(77)

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Kong-Beng Thei
<u>Assignor(s):</u> Chien-Chih Chou
<u>Assignor(s):</u> Fu-Jier Fan
<u>Assignor(s):</u> Hsiao-Chin Tuan
<u>Assignor(s):</u> Yi-Huan Chen
Assignor(s): Alexander Kalnitsky

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Taiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"HIGH VOLTAGE INTEGRATION FOR HKMG TECHNOLOGY" for which:

a n	on-provisional application for United States Letters Patent:
\boxtimes	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

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PÄTEN^{et 15a}
REEL: 050757 FRAME: 0555

I hereby author	ize and	request	my atto	rney	associated	with (Customer	No.
<u>107476</u> , to inser	t on the	designate	ed lines	below	the filing	date a	nd applica	ition
number of said application when known:								
U.S. Serial No.				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
filed on	h			•				

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.

Date

Name / 1st Inventor Kong-Beng

Chien - Chilw Chan

2nd Inventor Chien-Chilh Chou

9/13/2017 Date

Page 5 of 9

9 / 15 / 20 17
Date

Name 4th Inventor Hsiao-Chin Tuan

9/18/20*0*7

Name 6th Inventor Alexander Kalnitsky

Date

Name 7th Inventor Yi-Sheng Che

Page 9 of 9