PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANGCHEOL MOON	04/27/2017
HANGSEOK CHOI	08/03/2017
CHI CHEN CHUNG	06/01/2017
CHENG-SUNG CHEN	06/01/2017

RECEIVING PARTY DATA

Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
Street Address:	5005 E. MCDOWELL ROAD
Internal Address:	MAILDROP A700
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15486919

CORRESPONDENCE DATA

Fax Number: (602)244-3169

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6022443574

Email: patents@onsemi.com

Correspondent Name: SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

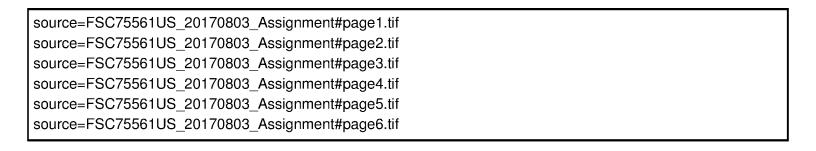
Address Line 1: 5005 E. MCDOWELL ROAD

Address Line 2: MAILDROP A700

Address Line 4: PHOENIX, ARIZONA 85008

ATTORNEY DOCKET NUMBER:	FSC75561US
NAME OF SUBMITTER:	SHARRON CASTILLO
SIGNATURE:	/Sharron Castillo/
DATE SIGNED:	08/03/2017

Total Attachments: 6



ASSIGNMENT & AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Name	of (City and State OR Country)	
SANGCHEOL MOON	BUCHEON, REPUBLIC OF KOREA	
HANGSEOK CHOI	SUWON, REPUBLIC OF KOREA	
CHI CHEN CHUNG	ZHUBEI, HSINCHU, TAIWAN	
CHENG-SUNG CHEN	HSINCHU, TAIWAN	

agree to sell, assign, and transfer, and do hereby sell, assign, and transfer to Semiconductor Components Industries, LLC, a limited liability company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives ("SCI"), the entire right, title, and interest in and to the inventions and discoveries as described, illustrated, and/or claimed in

Title: AUTOMATIC CONTROL OF SYNCHRONOUS RECTIFIER TURN-OFF THRESHOLD

Attorney Docket No.: FSC75561US

Serial No.: US 15/486919

Filing Date: April 13, 2017

together with the entire right, title, and interest in and to the above listed application(s), and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, foreign, and any and all other applications related thereto, and also including any and all grants, issuances, letters patent, reissues, reexaminations, renewals, priority rights, and priority claims related to any of the foregoing, and any and all rights to collect past damages for infringement of any of the foregoing (the "Patent Rights").

We further authorize SCI to apply for and hold and maintain the Patent Rights throughout the world directly in its own name or any other name which SCI deems appropriate in its sole discretion, and to claim the priority of the filing date of the above listed application(s).

We agree that, when requested, we will, without charge to SCI, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing, maintaining, and enforcing the Patent Rights in any and all countries and for vesting title thereto in SCI or its nominees.

We represent and warrant that we have full right to convey the entire right, title and interest herein sold, assigned, and transferred, and that the Patent Rights hereby conveyed are free from all prior assignment, grant, mortgage, license, or other encumbrance to anyone other than SCI. We covenant and further warrant that we will not convey hereafter any part of the Patent Rights to anyone other than SCI or do any act whatsoever conflicting with this ASSIGNMENT & AGREEMENT.

We hereby authorize SCI or anyone it may properly designate to insert in this ASSIGNMENT & AGREEMENT the filing date and serial number of the above listed application(s) when ascertained. More than one counterpart of this ASSIGNMENT & AGREEMENT may be executed, each of which will be deemed an original.

By (Inventor signature): Song Chied Moon
SANGCHEOL MOON
Witnessed by (Witness signature)
Printed name of Witness: SayEui //an
Signed and Witnessed on (date): 2017/4/27
By (Inventor-signature):
HANGSEOK CHOI
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):
By (Inventor signature):CHI CHEN CHUNG
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):
By (Inventor signature):
CHENG-SUNG CHEN
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):

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By (Inventor signature):
SANGCHEOL MOON
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):
By (Inventor signature):
HANGSEOK CHOI
Witnessed by (Witness signature) Heesuk Park
Printed name of Witness: HESUK PAK
Signed and Witnessed on (date):
By (Inventor signature):
CHI CHEN CHUNG
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):
8y (inventor signature):
CHENG-SUNG CHEN
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on Idate):

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•	^^~^~

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Printed name of Witness:
Signed and Witnessed on (date):
By (Inventor signature):
HANGSEOK CHOI
Witnessed by (Witness signature)
Printed name of Witness:
Signed and Witnessed on (date):
By (Inventor signature): CHI CHEN CHONG
CHI CHEN CHUNG
Witnessed by (Witness signature) Hagny West Heads
Printed name of Witness: Huang Wei Hsuan
Signed and Witnessed on (date): 15t Jun 7s1)
A.
By (Inventor signature): (I-17406 -5006 CHZAV
CHENG-SUNG CHEN
Witnessed by (Witness signature) Huang Wei Hruan
Printed name of Witness: Huang Wei Hsuan
Signed and Witnessed on (date): Se Time 7017

Page 2 of 2

PATENT REEL: 043191 FRAME: 0183

RECORDED: 08/03/2017