#### 506228616 08/31/2020

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
ENG JYE NG	08/31/2020
CHEE WENG CHEONG	08/31/2020
HUIQIAO HE	08/31/2020

# **RECEIVING PARTY DATA**

Name:	STMICROELECTRONICS ASIA PACIFIC PTE LTD
Street Address:	5A SERANGOON NORTH AVENUE 5
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	554574

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17007225

# CORRESPONDENCE DATA

Fax Number: (254)870-4338

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: 2144202164

Email: IPDAL@crowedunlevy.com

CROWE & DUNLEVY - ST-US INTELLECTUAL PRO **Correspondent Name:** 

Address Line 1: 2525 MCKINNON STREET

Address Line 2: **SUITE 425** 

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	58940-02137
NAME OF SUBMITTER:	ANDRE M. SZUWALSKI
SIGNATURE:	/Andre M. Szuwalski/
DATE SIGNED:	08/31/2020

# **Total Attachments: 4**

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> **PATENT** REEL: 053641 FRAME: 0922 506228616

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PATENT REEL: 053641 FRAME: 0923

#### ASSIGNMENT

Application Number	: Filed Concurrently Herewith or Filed on	, 2020, as
US Serial No		
Application Country	Region: US	
Application Title:	DUAL-MODE HIGH-EFFICIENCY VOLTAGE	REGULATOR
	FOR WIRELESS CHARGING MODULES	

Assignee: STMicroelectronics Asia Pacific Pte Ltd

Assignee being a company, corporation, or juristic entity of: SINGAPORE

Assignee's principal place of business:

5A Serangoon North Avenue 5, Singapore 554574, SINGAPORE

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

ST Docket Number: 19-SIN-1052US01

3601444.1

**PATENT** REEL: 053641 FRAME: 0924

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I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 117381.

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence (City, State, Country)	Inventor Signature	Date Signed
Eng Jye NG	Blk 466C #12-343, Sembawang Drive S753466 Singapore 753466 SG	jye	31 Aug 2020
Chee Weng CHEONG	317C #07-202 Anchorvale Road Singapore 543317 SG		
Huiqiao HE	208B Clementi Ave 6, #25-127 Singapore 122208 SG		

ST Docket Number: 19-SIN-1052US01 3601444.1

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Eng Jye NG	Blk 466C #12-343, Sembawang Drive S753466 Singapore 753466 SG		
Chee Weng CHEONG	317C #07-202 Anchorvale Road Singapore 543317 SG	Che Way	30/8/2020
Huiqiao HE	208B Clementi Ave 6, #25-127 Singapore 122208 SG		

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Eng Jye NG	Blk 466C #12-343, Sembawang Drive S753466 Singapore 753466 SG	First 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A STATE OF THE STA
Chee Weng CHEONG	317C #07-202 Anchorvale Road Singapore 543317 SG		
Huiqiao HE	203B Clementi Ave 6, #25-127 Singapore 122208 SG	有些納 Huigion HE	3 (1 08   20)a

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