PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5901236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIEH-KAI CHEN	01/06/2020
KAI-HUNG HUANG	01/03/2020

RECEIVING PARTY DATA

Name:	DELTA ELECTRONICS, INC.	
Street Address:	NO. 3, TUNGYUAN ROAD, CHUNGLI INDUSTRIAL ZONE,	
City:	TAOYUAN CITY	
State/Country:	TAIWAN	
Postal Code:	32063	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16737752

CORRESPONDENCE DATA

Fax Number: (571)282-6420

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: 5712765506

Email: services.ipr@gmail.com
Correspondent Name: HDLS IPR SERVICES
Address Line 1: P.O. BOX 230970

Address Line 4: CENTREVILLE, VIRGINIA 20120

ATTORNEY DOCKET NUMBER:	OP-108000633
NAME OF SUBMITTER:	PIN PIN HUANG
SIGNATURE:	/PIN PIN HUANG/
DATE SIGNED:	01/08/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 505854299 REEL: 051456 FRAME: 0098

Docket No.: OP-108000633

of

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

CHARGING COLUMN
(Title of Invention)
As a below named inventor, I hereby declare that:
This declaration is directed to: [x] The attached application, AND/OR [] United States Application Number or PCT International Application number
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I have reviewed and understand the contents of the above-identified application, including the claims.
I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code Federal Regulations § 1.56.
WHEREAS DELTA ELECTRONICS, INC. No. 3, Tungyuan Road, Chungli Industrial Zone, Taoyuan City 32063, Taiwan
who's address is (R.O.C.)
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to s

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for a good and valuable consideration received by me, I hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as I might or could have held and enjoyed the same, if this assignment had not been made.

AND I hereby agree to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND I authorize and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 051456 FRAME: 0099

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

signature: Chieh - Kai Chen	Date:	1/6 2020
Legal Name of First Joint Inventor: Chieh-Kai CHEN		
Signature: Zaā — Stary Strang Legal Name of Second Joint Inventor: Kai-Hung HUANG	Date:	V3 /2020
Signature: Legal Name of Third Joint Inventor:	Date:	
Signature: Legal Name of Fourth Joint Inventor:	Date:	
Signature: Legal Name of Fifth Joint Inventor:	Date:	
Signature: Legal Name of Sixth Joint Inventor:	_ Date:	
Signature: Legal Name of Seventh Joint Inventor:	Date:	
Signature: Legal Name of Eighth Joint Inventor:	_ Date:	

Page 2 of 2