PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARTHIK NAIK	02/10/2023
WONG CHUAN MING	02/06/2023
VENKATA JAYA SAI PRANEETH AMMANAMANCHI	02/06/2023
ENGEL JOSEPH	02/08/2023

RECEIVING PARTY DATA

Name:	DELPHI TECHNOLOGIES IP LIMITED
Street Address:	ERIN COURT, BISHOP'S COURT HILL
City:	ST.MICHAEL
State/Country:	BARBADOS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18109402

CORRESPONDENCE DATA

Fax Number: (844)670-6009

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: 2484337200

Email: MMcGinnis@dickinson-wright.com

Correspondent Name: DICKINSON WRIGHT PLLC Address Line 1: 2600 W. BIG BEAVER RD.

Address Line 2: SUITE 300

Address Line 4: TROY, MICHIGAN 48084-3312

ATTORNEY DOCKET NUMBER:	604080-10018 (DKT22154)
NAME OF SUBMITTER:	JOSEPH J. PYTEL
SIGNATURE:	/Joseph J. Pytel/
DATE SIGNED:	02/14/2023

Total Attachments: 3

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> **PATENT** REEL: 062689 FRAME: 0553 507748289

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ASSIGNMENT

THIS ASSIGNMENT, by Karthik Naik, residing at Eu habitat, 208, Jalan Euros #01-62, Singapore 419548, Wong Chuan Ming, residing at 62 Anchorvale Crescent, #10-30 Tressure Crest, Singapore 544615, Venkata Jaya Sai Praneeth Ammanamanchi residing at 3, Rue Jean Thill, Lamadelaine, Luxembourg, L-4886 and Engel Joseph residing at 100, av. du parc des sports, L-4671 Oberkorn, (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor has invented certain new and useful inventions and improvements in

DISCRETE RELAY DRIVER CIRCUIT FOR PEAK AND HOLD OPERATION

set forth in an application for Letters Patent of the United States, which is a

(1.)	[X] (a)	No [X]	on-provisional application bearing Application No. 18/109,402 and filed	วที ;
	(b)		having an cath or declaration executed on even date herewith prior to filing	
	(c)	11	of application having an eath or declaration executed on a different da	te than this Assionment and

WHEREAS, <u>DELPHI TECHNOLOGIES IP LIMITED</u>, a corporation duly organized under and pursuant to the laws of <u>Barbados</u>, and having a principal place of business at <u>Erin Court</u>, <u>Bishop's Court Hill. St. Michael</u>, <u>BARBADOS</u>, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said Inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon, as well as any rights to sue for past infringement,

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns the entire right, title, and Interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, their successors, legal representatives, and assign that the Assignor will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in

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connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference, ex parte reexamination, post grant opposition (if applicable), and inter partes review proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, their successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns,

AND the Assignor hereby authorizes and requests the attorneys of Dickinson Wright PLLC to insert in the spaces provided above the little of the invention, filling date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, their successors, legal representatives, and assigns.

DATE: 10 FEB 2023	
00 mm 0000	KARTHIK NAIK
DATE: 06 FEB 2023	WONG CHUAN MING
DATE: <u>06 FEB 2023</u>	ANI S Pando Venkata jaya sai praneeth ammanamanchi
DATE:	ENGE JOSEDH

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connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference, ex parte reexamination, post grant opposition (if applicable), and inter-partes review proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful caths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, their successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns.

AND the Assignor hereby authorizes and requests the attorneys of Dickinson Wright PLLC to insert in the spaces provided above the title of the invention, filling date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, their successors, legal representatives, and assigns.

DATE	KARTHIK NAIK
DATE: 06 FEB 2023	
	WONG CHUAN MING
DATE 06 FEB 2023	VENKATA JAYA SAI PRANEETH AMMANAMANCHI
date: <u>FEB 874, 2027</u>	ENGEL INSERN

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