

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5420427

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DET INTERNATIONAL HOLDING LIMITED	01/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD .
<b>Street Address:</b>	909 SOI 9, MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.), PATTANA 1 ROAD,
<b>Internal Address:</b>	TAMPOL PHRAKSA, AMPHUR MUANG,
<b>City:</b>	SAMUTPRAKARN
<b>State/Country:</b>	THAILAND
<b>Postal Code:</b>	10280
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15334565
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)446-1485
<i>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.</i>	
<b>Phone:</b>	202-446-1481
<b>Email:</b>	us@vectoriplaw.com
<b>Correspondent Name:</b>	VECTOR IP LAW GROUP
<b>Address Line 1:</b>	3208 Q STREET NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	1050-0017001
<b>NAME OF SUBMITTER:</b>	ROBERT S. BABAYI
<b>SIGNATURE:</b>	/Robert S. Babayi/
<b>DATE SIGNED:</b>	03/13/2019
<b>Total Attachments: 2</b>	
source=ASSIGNMENT#page1.tif	
source=ASSIGNMENT#page2.tif	

**ASSIGNMENT**

WHEREAS, DET INTERNATIONAL HOLDING LIMITED, (hereinafter Assignor), a corporation organized and existing under and by virtue of the laws of Cayman Islands, having an office at Scotia Center, 4th Floor, George Town Grand Cayman, Caymen Islands, is the owner of the entire right, title and interest in and to the following listed Patent Applications in the United States by previous assignments;

U.S. Patent No. 7,450,406 issued November 11, 2008  
 U.S. Patent No. 7,961,072 issued June 14, 2011  
 U.S. Patent No. 8,611,115 issued December 17, 2013  
 U.S. Patent No. 8,278,899 issued October 2, 2012  
 U.S. Patent No. 9,406,419 issued August 2, 2016  
 U.S. Patent No. 9,214,869 issued December 15, 2015  
 U.S. Patent No. 9,344,004 issued May 17, 2016  
 U.S. Application No. 13/708,633 filed December 7, 2012  
 U.S. Patent No. 9,356,520 issued May 31, 2016  
 U.S. Patent No. 10,083,791 issued September 25, 2018  
 U.S. Patent No. 9,306,468 issued April 5, 2016  
 U.S. Patent No. 9,263,951 issued February 16, 2016  
 U.S. Patent No. 9,553,526 issued January 24, 2017  
 U.S. Patent No. 9,739,821 issued August 22, 2017  
 U.S. Patent No. 9,935,561 issued April 3, 2018  
 U.S. Application No. 14/535,926 filed November 7, 2014  
 U.S. Patent No. 9,494,631 issued November 15, 2016  
 U.S. Patent No. 9,196,417 issued November 24, 2015  
 U.S. Application No. 13/887,350 filed May 5, 2013  
 U.S. Application No. 13/887,345 filed May 5, 2013  
 U.S. Patent No. 9,531,299 issued December 27, 2016  
 U.S. Patent No. 9,530,556 issued December 27, 2016  
 U.S. Patent No. 10,020,724 issued July 10, 2018  
 U.S. Application No. 14/854,802 filed September 15, 2015  
 U.S. Patent No. 9,263,951 issued February 16, 2016  
 U.S. Patent No. 10,128,742 issued November 13, 2018  
 U.S. Patent No. 9,825,378 issued November 21, 2017  
 U.S. Application No. 15/239,134 filed August 17, 2016  
 U.S. Application No. 15/266,534 filed September 15, 2016  
 U.S. Application No. 15/334,565 filed October 26, 2016  
 U.S. Patent No. 9,530,556 issued December 27, 2016  
 U.S. Application No. 15/462,389 filed March 17, 2017  
 U.S. Application No. 15/481,119 filed April 6, 2017  
 U.S. Patent No. 9,859,786 issued January 2, 2018  
 U.S. Application No. 15/843,648 filed December 15, 2017  
 U.S. Application No. 15/868,744 filed January 11, 2018

WHEREAS, DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.. (hereinafter Assignee), a corporation organized and existing under and by virtue of the laws of Thailand, having

an office at 909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road, Tapol Phraksa, Amphur Muang, Samutprakarn 10280 THAILAND, is desirous of acquiring the entire right, title and interest in and to the inventions described and claimed in said Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of and sufficiency of which are hereby acknowledged, said Assignor has sold, assigned and transferred and does hereby sell, assign and transfer unto said Assignee, its successors and assigns, its entire undivided right, title and interest in and to the said Patent Applications and the inventions therein contained, including the right to sue for past infringement, and including the right to apply for any Letters Patents in the United States of America and in all foreign countries on said inventions and including the right to claim the priority of the date of filing in the United States and any Letters Patents that may issue thereon, or therefor, in the United States and foreign countries and any further applications, including but not limited to continuations, divisionals, reissues and reexaminations, to be held and enjoyed by said Assignee, its successors and assigns, the same as it would have been held and enjoyed by said Assignor if this assignment and sale had not been made.

Said Assignor hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interest granted herein and that said Assignor will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and said Assignor binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to said Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by said Assignee, its successors and assigns, to file applications for improvements and inventions in any country where it may elect to file such applications, and that may be necessary to vest in said Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, said Assignor further covenants and agrees, in consideration of the premises, that it, its executors and administrators, will, at any time upon request, communicate to said Assignee, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by said Assignee, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, said Assignor has hereunto set its seal this 21 day of January, 2019.

DET INTERNATIONAL HOLDING LIMITED,

By:

Title:

(Mr. Anusorn Muttaraid, Mr. Hsieh Shen Yen)

Director

Director