

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4989506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
SEMTECH CORPORATION	01/28/2018
SEMTECH NEW YORK CORPORATION	01/28/2018
SIERRA MONOLITHICS, INC.	01/28/2018
SEMTECH EV, INC.	01/28/2018
TRIUNE SYSTEMS, L.L.C.	01/28/2018
TRIUNE IP, LLC	01/28/2018

RECEIVING PARTY DATA

Name:	HSBC BANK USA, NATIONAL ASSOCIATION, AS ADMINISTRATIVE AGENT
Street Address:	725 SOUTH FIGUEROA ST., SUITE 2300
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90017

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	15868602
Application Number:	15818065
Application Number:	15797712
Application Number:	62616323
Application Number:	15868509
Application Number:	15803438
Application Number:	15801715

CORRESPONDENCE DATA

Fax Number: (213)443-2926

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PATENT

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Address Line 4: LOS ANGELES, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER: 03VV-246921

NAME OF SUBMITTER: JULIE CRAVITZ

SIGNATURE: /julie cravitz/

DATE SIGNED: 06/04/2018

Total Attachments: 8

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SUPPLEMENT TO GRANT OF SECURITY INTEREST (PATENTS)

This Supplement to Grant of Security Interest (Patents) (the "*Patent Security Agreement Supplement*") dated as of January 28, 2018 is delivered by **Semtech Corporation**, a Delaware corporation ("*Borrower*"), **Semtech New York Corporation**, a Delaware corporation ("*Semtech New York*"), **Sierra Monolithics, Inc.**, a California corporation ("*Sierra*"), **Semtech EV, Inc.**, a California corporation ("*EV*"), **Triune Systems, L.L.C.**, a Texas limited liability company ("*Triune Systems*"), and **Triune IP, LLC**, a Texas limited liability company ("*Triune IP*"); Borrower, Semtech New York, Sierra, EV, Triune Systems and Triune IP being each referred to individually herein as "*Assignor*", and collectively as "*Assignors*", pursuant to (a) that Amended and Restated Grant of Security Interest (Patents) dated as of November 15, 2016 (as amended, modified and supplemented to the date hereof and as the same may from time to time hereafter be further amended, modified, supplemented or restated, the "*Patent Security Agreement*"), by Assignors in favor of HSBC Bank USA, National Association, in its separate capacity as Administrative Agent, for the benefit of the Secured Parties, and (b) Section 5(a) of that Amended and Restated Security Agreement dated as of November 15, 2016 (as amended, modified and supplemented to the date hereof and as the same may from time to time hereafter be further amended, modified, supplemented or restated, the "*Security Agreement*"), by Assignors and certain of Borrower's other direct or indirect domestic subsidiaries, jointly and severally as Grantors, in favor of HSBC Bank USA, National Association, in its separate capacity as Administrative Agent, for the benefit of the Secured Parties. Capitalized terms used but not defined herein will have the meaning ascribed to such terms in the Patent Security Agreement and/or the Security Agreement, as applicable.

The undersigned each hereby agree that (i) this Patent Security Agreement Supplement may be attached to the above-referenced Patent Security Agreement and will become and be a part thereof with the same force and effect as if originally attached thereto, and (ii) the additional Patents (as defined in the Patent Security Agreement) listed on Schedule I to this Patent Security Agreement Supplement will be and become part of the Collateral pledged by the undersigned to the Administrative Agent, for the benefit of the Secured Parties, in the Patent Security Agreement (and in the Security Agreement) with the same force and effect as if originally named therein.

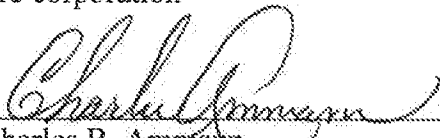
The undersigned hereby certifies that the representations and warranties set forth in the Security Agreement are true and correct as to the Collateral listed herein on and as of the date hereof.

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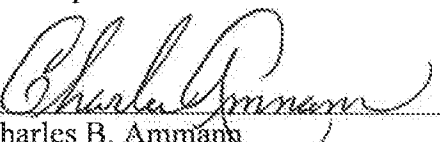
IN WITNESS WHEREOF, each of the parties has caused this Patent Security Agreement Supplement to be duly executed as of the date first written above.

ASSIGNORS:

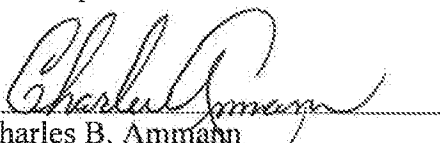
SEMTECH CORPORATION,
a Delaware corporation

By: 
Name: Charles B. Ammann
Title: Executive Vice President, General Counsel
and Secretary


SEMTECH NEW YORK CORPORATION,
a Delaware corporation

By: 
Name: Charles B. Ammann
Title: Executive Vice President, General Counsel
and Secretary


SIERRA MONOLITHICS, INC.,
a California corporation

By: 
Name: Charles B. Ammann
Title: Executive Vice President, General Counsel
and Secretary


SEMTECH EV, INC.,
a California corporation

By: 
Name: Charles B. Ammann
Title: Executive Vice President, General Counsel
and Secretary

TRIUNE SYSTEMS, L.L.C.,
a Texas Limited Liability Company

By: 
Name: Charles B. Ammann
Title: Secretary

TRIUNE IP, LLC,
a Texas Limited Liability Company


By: 
Name: Charles B. Ammann
Title: Secretary

ACCEPTED:

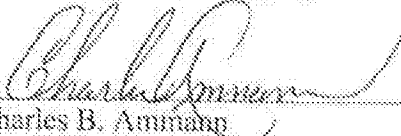
HSBC BANK USA, NATIONAL ASSOCIATION,
as Administrative Agent

By: _____
Name: _____
Title: _____

TRIUNE SYSTEMS, L.L.C.,
a Texas Limited Liability Company


By: 
Name: Charles B. Ammann
Title: Secretary

TRIUNE IP, LLC,
a Texas Limited Liability Company

By: 
Name: Charles B. Ammann
Title: Secretary

ACCEPTED:

HISBC BANK USA, NATIONAL ASSOCIATION,
as Administrative Agent

By: 
Name: Margaret E. Richards
Title: AVP

Schedule I
Pending U.S. Patent Applications

RECORD OWNER: SEMTECH CORPORATION

Title	Application No.	Filing Date	Pub No./ Registration No.	Pub. Date/ Issue Date	Status
Drift Suppression Filter, Proximity Detector and Method	15/868,602	1/11/2018			Pending
Method and Device for Reducing Radio Frequency Interference of Proximity and Touch Detection in Mobile Devices	15/818,065 (Continuation)	11/20/2017			Pending
Semiconductor Device and Method of Forming Insulating Layers Around Semiconductor Die	15/797,712 (Continuation)	10/30/2017			Pending
Single Layer Antenna	62/616,323	1/11/2018			Pending
Single Sensor Proximity Detector	15/868,509	1/11/2018			Pending
System and Method to Manage Power for Port Controller Based Power Supplies Using a Common Power Source	15/803,438	11/3/2017			Pending

