505861528 01/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5908465

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BORIS S. JACOBSON	08/28/2017
STEVEN D. BERNSTEIN	08/21/2017
STEVEN M. LARDIZABAL	08/08/2017
JASON ADAMS	08/01/2018
JEFFREY R. LAROCHE	06/05/2018

RECEIVING PARTY DATA

Name:	RAYTHEON COMPANY
Street Address:	870 WINTER STREET
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451-1449

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16741318

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: USPTOPatentMail@cantorcolburn.com
Correspondent Name: CANTOR COLBURN LLP - RAYTHEON

Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	17-9536-US-DIV
NAME OF SUBMITTER:	HOWARD I. LEVY
SIGNATURE:	/Howard I. Levy/
DATE SIGNED:	01/13/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 505861528 REEL: 051499 FRAME: 0675

Total Attachments: 15
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I/we, the undersigned, Boris S. Jacobson, Steven D. Bernstein, Steven M. Lardizabal, Jason Adams, and Jeffrey R. Laroche ("Assignor(s)"), have made certain inventions or discoveries (or both) set forth in a patent application entitled, HETEROGENEOUSLY INTEGRATED POWER CONVERTER ASSEMBLY, identified as Attorney Docket No. 17-9536-US-PSP, which application was filed on August 7, 2017 and assigned Application No. 62/542,023. In the event that the execution date, filing date and/or Application No. are not entered or are incorrect at the time Assignor(s) executed this document, Assignor(s) hereby authorize and request an attorney of Assignee to insert the information or make the correction.

RAYTHEON COMPANY is a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449, and which, together with its successors and assigns ("Assignee"), is desirous of acquiring the title, rights, benefits and privileges hereinafter recited.

For valuable consideration furnished by Assignee to Assignor(s), receipt and sufficiency of which Assignor(s) hereby acknowledge, Assignor(s) hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application, any and all other patent applications (including without limitation utility models, provisionals, designs, plants and any other such intellectual property) on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, reexamination and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said patent applications and said Letters Patent and all rights to claim or sue for prior damages;
- 2. Authorize Assignee to file said patent applications in any or all countries on any or all of said inventions and discoveries in the name of Assigner(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under any international conventions, international treaties, or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Confirm that Assignor(s) have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and
- 5. Bind heirs, legal representatives and assigns of Assignor(s), as well as Assignor(s), to do, upon Assignee's request, all acts reasonable to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by Assignor(s) or heirs, legal representatives and assigns of Assignor(s) if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to Assignor(s) relating to said inventions and discoveries or the history thereof; and to furnish Assignee, upon request, with any and all relevant documents, photographs, models, samples and other physical exhibits in control of Assignor(s) or in the control of heirs, legal representatives or assigns of Assignor(s).

Assignor(s) accept the terms of this Assignment as indicated by their signature below.

Further, each Assignor individually, as a named inventor, hereby declares:

- a) The above-identified application was made or authorized to be made by me;
- b) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application; and
- c) I hereby acknowledge that any willful false statement made in this declaration is punishable under § 1001 of Title 18 of the United States Code by fine or imprisonment of not more than five (5) years, or both.

Each Assignor individually, as a named inventor, also states:

I have reviewed and understand the contents of the above-identified application.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to the patentability of the above-identified application.

[Signatures on following pages]

2

Teff Seward

Accepted by:

Dated: 8/28/2017

Witnessed by:

Dated: 8/28/2017

I/we, the undersigned, Boris S. Jacobson, Steven D. Bernstein, Steven M. Lardizabal, Jason Adams, and Jeffrey R. Laroche ("Assignor(s)"), have made certain inventions or discoveries (or both) set forth in a patent application entitled, FLEXIBLE POWER CONVERTER ARCHITECTURE BASED ON INTERPOSER AND MODULAR ELECTRONIC UNITS, identified as Attorney Docket No. 17-9534-US-NP, which application was filed on and assigned Application No In
the event that the execution date, filing date and/or Application No. are not entered or
the event that the execution date, fining date didn't Application Assignor(s) hereby
are incorrect at the time Assignor(s) executed this document, Assignor(s) hereby
authorize and request an attorney of Assignee to insert the information or make the
correction.
AA11AAMA111

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[Signatures on following pages]

Accepted by: Dated:	Steven D. Bernstein
Witnessed by: Dated: 8/22/17	Lisa A Rooker
Dated: 8/22/2017	Kevin Michael

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[Signatures on following pages]

Accepted by:	
Dated: aligust 8,2017	Steven M. Lardizabat
Witnessed by:	
Dated: 8/8/ 2017	Jøhn Bettencourt
Dated: 8/8/2017	Robert Leoni

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[Signatures on following pages]

Accepted by:	
Dated: 8 / / 18	Jason Adams
Witnessed by:	
Dated: 8 1 18	Heather Adams Heather Adams
Dated: 8-1-18	Paul Santos

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[Signatures on following pages]

Accepted by:	
Dated: 6/5//8	Jeffrey H. Laroche
Witnessed by:	
Dated: 6/5/18	Bill Bourcy
Dated: 6/5/18	Matt Walsh