507500240 09/20/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIEN MINH NGUYEN	09/06/2022

RECEIVING PARTY DATA

Name:	ADVANCED ENERGY INDUSTRIES, INC.
Street Address:	1595 WYNKOOP ST.
Internal Address:	SUITE 800
City:	DENVER
State/Country:	COLORADO
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17901759

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Correspondent Name: NEUGEBOREN O'DOWD PC

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ATTORNEY DOCKET NUMBER:	AE2022-034US	
NAME OF SUBMITTER:	SEAN R. O'DOWD	
SIGNATURE:	/Sean R. O'Dowd/	
DATE SIGNED:	09/20/2022	

Total Attachments: 1

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PATENT 507500240 REEL: 061148 FRAME: 0164

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Advanced Energy Industries, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

TRANSITION CONTROL IN A BIAS SUPPLY

described in an application for Letters Patent of the United States, identified as Attorney Docket No. <u>AE2022-034US</u>, at Neugeboren O'Dowd PC, 726 Front Street, Suite 220, Louisville, CO 80027, and filed on <u>September 1, 2022</u>, as Application Serial No. <u>17/901.759</u>, and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it. Each party agrees that this Agreement and any other documents to be delivered in connection herewith may be electronically signed, and that any electronic signatures appearing on this Agreement or such other documents are the same as handwritten signatures for the purposes of validity, enforceability, and admissibility.

I hereby authorize Sean R. O'Dowd, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

I covenant with said Assignce, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

gnya 9/6/2022

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Inventor's Signature
Hien Minh Nessen

Inventor's Printed Name

RECORDED: 09/20/2022

PATENT REEL: 061148 FRAME: 0165