

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4645570

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDISON WELDING INSTITUTE, INC.	10/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EDISON INDUSTRIAL INNOVATION, LLC
<b>Street Address:</b>	2200 LAPSLEY LANE
<b>City:</b>	BOWLING GREEN
<b>State/Country:</b>	KENTUCKY
<b>Postal Code:</b>	42103
<b>PROPERTY NUMBERS Total: 10</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9539632
Patent Number:	9669471
Patent Number:	9782835
Patent Number:	9764390
Application Number:	14846064
Application Number:	15369445
PCT Number:	US2015048379
PCT Number:	US2015048522
PCT Number:	US2015048589
PCT Number:	US2015049676
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(208)979-0707
<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>	4345315976
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<b>ATTORNEY DOCKET NUMBER:</b>	EI2

<b>NAME OF SUBMITTER:</b>	DAVID H VANCE
<b>SIGNATURE:</b>	/David H Vance/
<b>DATE SIGNED:</b>	10/18/2017
<b>Total Attachments: 4</b> source=El2_Assignment_18Oct17#page1.tif source=El2_Assignment_18Oct17#page2.tif source=El2_Assignment_18Oct17#page3.tif source=El2_Assignment_18Oct17#page4.tif	

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, the undersigned, to wit:

**EDISON WELDING INSTITUTE, INC.** (hereinafter ASSIGNOR), of **1250 Arthur E. Adams Drive, Columbus, OH, 43221**, is the owner of the domestic and foreign applications and/or patents listed on **Schedule A** attached hereto.

AND WHEREAS, **EDISON INDUSTRIAL INNOVATION, LLC** (hereinafter ASSIGNEE), of **2200 Lapsley Lane, Bowling Green, KY, 42103**, is desirous of obtaining the entire right, title, and interest in and to the domestic and foreign applications and/or patents listed on **Schedule A** attached hereto (including any additional patents that may issue therefrom)(hereinafter INVENTIONS).

NOW THEREFORE, pursuant to contractual obligations heretofore assumed by us and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby assign and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire right, title, and interest in and to the INVENTIONS, and all additional patents that may be granted therefrom throughout the world, including the right to file additional applications and obtain patents, utility models, industrial models, and designs for the INVENTIONS in ASSIGNEE's own name throughout the world, all rights to publish cautionary notices reserving ownership of the INVENTIONS, and all rights to register the INVENTIONS in appropriate registries; and including the right, title and interest in all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks or similar appropriate authority to issue all patents for the INVENTIONS, insofar as ASSIGNOR's interest is concerned, to the ASSIGNEE.

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNOR hereby further agrees to communicate with the ASSIGNEE, or its successors, assigns and legal representatives, any facts known to ASSIGNOR respecting the INVENTIONS and, at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for the INVENTIONS in all countries.

ASSIGNOR hereby grants the firm of Vance Intellectual Property, PC, its agents, the power to insert on this assignment any further identification, including but not limited to application numbers and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.

Executed on the date below indicated:

October 18, 2017

EDISON WELDING INSTITUTE, INC.  
1250 ARTHUR E. ADAMS DRIVE  
COLUMBUS, OHIO 43221

Christopher Conrady  
Name



Signature

CTO & VP Strategic Initiatives  
Title

**Schedule A**

Docket #	Title	Jurisdiction	Application #	Pat. #
EI2-0079-US	Ultrasonic Excitation Of Segmented Dies	US	14/802,386	9539632
EI2-0080-CA	Devices For Isolating Acoustic Vibrations In Metalworking Systems	CA	2,959,409	
EI2-0080-EP	Devices For Isolating Acoustic Vibrations In Metalworking Systems	EPO	15838020.4	
EI2-0080-JP	Devices For Isolating Acoustic Vibrations In Metalworking Systems	JP	2017-512688	
EI2-0080-KR	Devices For Isolating Acoustic Vibrations In Metalworking Systems	KR	10-2017-7006271	
EI2-0080-PCT	Devices For Isolating Acoustic Vibrations In Metalworking Systems	PCT	PCT/US2015/48379	
EI2-0080-US-CIP	Devices For Isolating Acoustic Vibrations In Metalworking Systems	US	14/844,867	9669471
EI2-0081-CA	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	CA	2,959,406	
EI2-0081-EP	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	EPO	15868532.8	
EI2-0081-JP	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	JP	2017-512690	
EI2-0081-KR	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	KR	10-2017-7006273	
EI2-0081-PCT	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	PCT	PCT/US2015/048522	

E12-0081-US	Tool Attachment And Through Spindle Coolant Systems For Use With Ultrasonic Machining Modules	US	14/845,719	9782835
E12-0083-CA	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	CA	2,959,413	
E12-0083-EP	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	EPO	15837713.5	
E12-0083-JP	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	JP	2017-512707	
E12-0083-KR	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	KR	10-2017-7006281	
E12-0083-PCT	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	PCT	PCT/US2015/048589	
E12-0083-US	High-Speed Rotary Electrical Connector For Use In Ultrasonically Assisted Machining	US	14/846,064	
E12-0092-CA	Closed-Loop Metalworking System	CA	2,962,583	
E12-0092-JP	Closed-Loop Metalworking System	JP	2017-517345	
E12-0092-PCT	Closed-Loop Metalworking System	PCT	PCT/US15/49676	
E12-0092-US	Closed-Loop Metalworking System	US	14/851,654	9764390
E12-0109-US	Segmented Dies For Use With Ultrasonics	US	15/369,445	