

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4319275

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIE YUAN	02/14/2017
PETER HANSEN	02/16/2017
PATRICK FLANNERY	02/16/2017
PETER WINN	02/14/2017
JOHN BRUBAKER	02/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMERICAN SUPERCONDUCTOR CORPORATION
<b>Street Address:</b>	64 JACKSON ROAD
<b>City:</b>	DEVENS
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01432
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15459187
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(207)774-4000
<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>	(207) 774-4000
<b>Email:</b>	patents@verrilldana.com
<b>Correspondent Name:</b>	VERRILL DANA LLP
<b>Address Line 1:</b>	ONE PORTLAND SQUARE
<b>Address Line 4:</b>	PORTLAND, MAINE 04112-0586
<b>ATTORNEY DOCKET NUMBER:</b>	30020-350001
<b>NAME OF SUBMITTER:</b>	JOHN W. POWELL
<b>SIGNATURE:</b>	/John W. Powell/
<b>DATE SIGNED:</b>	03/15/2017
<b>Total Attachments: 7</b>	
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**ASSIGNMENT**

For valuable consideration, we, **Jie Yuan**, Senior Technical Staff, of 4 Eagle Rock Ter., South Grafton, MA 01560, **Peter Hansen**, Senior Principal Mechanical Packaging Engineer, of 23 Shady Ln., Holden, MA 01520, **John Brubaker**, Senior Principal Engineer, of 2855 N 75<sup>th</sup> Street, Milwaukee, WI 53210, **Patrick Flannery**, Sr. Principal Engineer, of 595 Glen Drive, Madison, WI 53711, and **Peter Winn**, Senior Technical Staff, of 36 Toblin Hill Drive, Shrewsbury, MA 01545, (collectively hereinafter called the "Assignors") hereby assign to **American Superconductor Corporation**, a corporation of Delaware, having a place of business at 64 Jackson Road, Devens, MA 01432, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **NATURAL CONVECTION COOLING FOR POWER ELECTRONICS SYSTEMS HAVING DISCRETE POWER DISSIPATION COMPONENTS** filed March 15, 2017, and assigned U.S. Serial Number 15/459,187, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

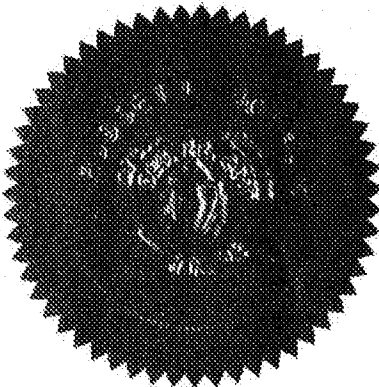
**ASSIGNORS/INVENTORS SIGNATURES:**

Name:	Jie Yuan
Citizenship:	US Citizen
Job Title:	Senior Technical Staff
Address:	4 Eagle Rock Ter., South Grafton, MA 01560
Date:	2/14/2017
Signature:	

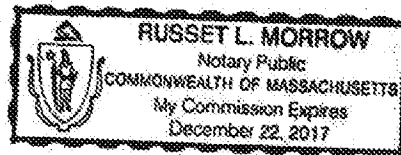
STATE OF Massachusetts }  
COUNTY OF Worcester } ss.

On February 14 2017, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared Jie Yuan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Russet L. Morrow  
Notary Public

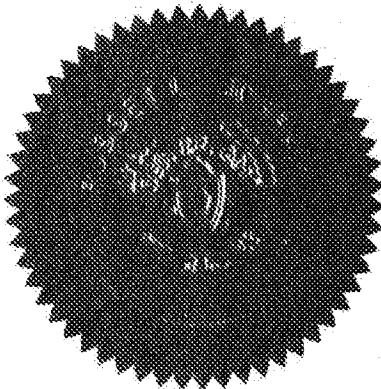


Name:	Peter Hansen
Citizenship:	US Citizen
Job Title:	Senior Principal Mechanical Packaging Engineer
Address:	23 Shady Ln, Holden, MA 01520
Date:	2/16/2017
Signature:	<i>Peter Hansen</i>

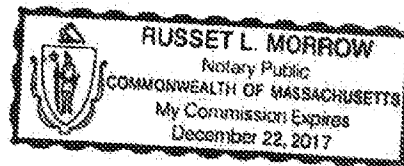
STATE OF Massachusetts )  
COUNTY OF Worcester ) SS.

On February 16, 2017, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared Peter Hansen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



*Russet L. Morrow*  
Notary Public



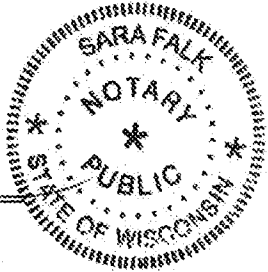
Name:	John Brubaker
Citizenship:	US Citizen
Job Title:	Senior Principal Engineer
Address:	2855 N 75 <sup>th</sup> Street, Milwaukee, WI 53210
Date:	02/16/2017
Signature:	<i>[Handwritten Signature]</i>

STATE OF Wisconsin )  
COUNTY OF Waukesha ) SS.

On 2-16-17, before me, the undersigned, a notary public for the State of Wisconsin, there personally appeared **John Brubaker** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

*[Handwritten Signature]*  
Notary Public



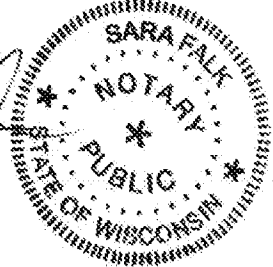
Name:	Patrick Flannery
Citizenship:	US Citizen
Job Title:	Senior Principal Engineer
Address:	595 Glen Dr., Madison, WI 53711
Date:	02/16/2017
Signature:	<i>Patrick Flannery</i>

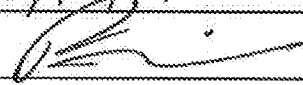
STATE OF Wisconsin )  
COUNTY OF Waukesha ) ss.

On 2-16-17, before me, the undersigned, a notary public for the State of Wisconsin, there personally appeared Patrick Flannery personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

*Sara Falk*  
Notary Public

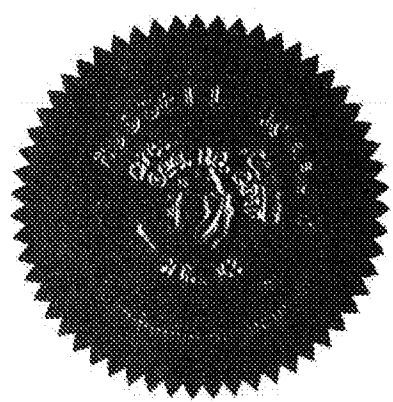


Name:	Peter Winn
Citizenship:	US Citizen
Job Title:	Senior Technical Staff
Address:	36 Toblin Hill Drive, Shrewsbury, MA 01545
Date:	2/14/17
Signature:	

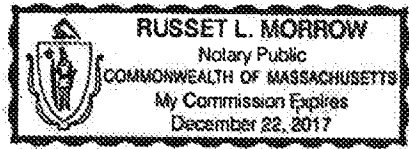
STATE OF Massachusetts )  
COUNTY OF Worcester ) SS.

On February 14, 2017, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared Peter Winn personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Russet L. Morrow  
Notary Public





**ASSIGNEE/APPLICANT SIGNATURE**

Entity Name:	American Superconductor Corporation
Address:	84 Jackson Road, Devens, MA 01432
State and Country where Entity was formed:	Delaware, United States
Date:	Feb. 16, 2017
Signature:	<i>John R. Samia</i>
Printed Name & Title	John R. Samia, General Counsel & Corporate Secretary

STATE OF Massachusetts )  
COUNTY OF Worcester ) SS.

On February 16, 2017, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared John R. Samia personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

*Russell L. Morrow*  
Notary Public

