

Atty Dkt No.: AMSC-004PUS

Form PTO-1595
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Douglas C. Folts
 Gary J. Bowers

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: American Superconductor Corporation
 Internal Address: _____

 Street Address: Two Technology Drive

 City: Westborough State: MA Zip: 01581-1727
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 3, 2006

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: _____
 A. Patent Application No.(s)
11/354,562

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Daly, Crowley, Mofford & Durkee, LLP
 Internal Address: _____

 Street Address: 354A Turnpike Street, Suite 301A

 City: Canton State: MA Zip: 02021-2714

6. Total number of applications and patents involved:
 7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
500845
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Judith C. Crowley 35,091
 Name of Person Signing Signature Judith Crowley Date 1 May 2006
 Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office,
P. O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 500845 11354562

PATENT

ASSIGNMENT

Whereas we, the undersigned, Douglas C. Folts and Gary J. Bowers, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SUPPLEMENTARY TRANSFORMER COOLING IN A REACTIVE POWER COMPENSATION SYSTEM, identified as Attorney Docket No. AMSC-004PUS and Client Case No. AMSC-775 which application was executed on April 3, 2006 and filed on February 15, 2006 and Assigned Application No. 11/354,562. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, American Superconductor Corporation, a Delaware Corporation having a place of business at Two Technology Drive, Westborough, MA 01581-1727, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we 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 for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination 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;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention 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;

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Client Case No.: AMSC-775

4. Warrant that I 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 that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns 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 me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

State or Commonwealth of Wisconsin

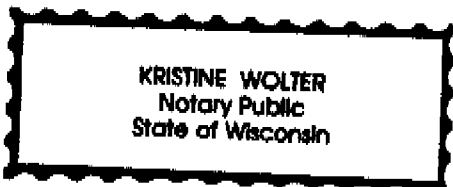
County Dane

Dated April 3, 2006

Douglas C. Folts
Douglas C. Folts

On this 3 day of April, 2006, before me appeared Douglas C. Folts, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Kristine Wolter
Notary Public

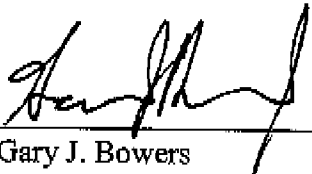


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Client Case No.: AMSC-775

State or Commonwealth of Wisconsin


County Dane

Dated April 3, 2006



Gary J. Bowers

On this 3 day of April, 2006, before me appeared Gary Bowers, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



Notary Public

