

10-22-2001



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10-17-01

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):  
Bruce B. Gamble, Raymond T. Howard, John  
Mirageas, John P. Voccio, Dariusz Antoni  
Bushko, Peter M. Winn, Gregory L. Snitchler and  
Ronald A. Malzone  
Additional name(s) attached?  Yes  No

2. Name and address of receiving party(ies):  
American Superconductor Corporation  
Two Technology Drive  
Westborough, MA 01581-1727  
Additional names/addresses attached?  Yes  No

3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other:  
Execution Date: 10/08/01, 10/05/01, 09/27/01,  
10/05/01, 10/05/01, 10/05/01, 10/05/01, 09/27/01

4. Application number(s) or patent number(s):  
If this document is being filed with a new application, the execution date of the application is:  
A. Patent Application No(s).:  
09/909,412  
Additional numbers attached?  Yes  No

B: Patent No(s).:  
Additional numbers attached?  Yes  No

5. Name/address of party to whom correspondence concerning  
document should be mailed:  
FRANK R. OCCHIUTI  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, Massachusetts 02110-2804

6. Total number of applications/patents involved: 1  
7. Total fee (37 CFR §3.41): \$40  
 Enclosed  
 Authorized to charge Deposit Account.  
8. Deposit Account No.: 06-1050  
Please apply any additional charges, or any credits, to our  
Deposit Account No. 06-1050.

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.*

Frank R. Occhiuti  
Reg. No. 35,306  
Name of Person Signing

*Frank R. Occhiuti*  
Signature

October 10, 2001  
Date

Total number of pages including coversheet, attachments and document: 10

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

October 10, 2001  
Date of Deposit

*Matthew G. Doherty*  
Signature

Matthew G. Doherty  
Typed Name of Person Signing Certificate

PATENT  
REEL: 012256 FRAME: 0817

## ASSIGNMENT

For valuable consideration, we, BRUCE B. GAMBLE of 14 Pinewood Road, Wellesley, MA 02482, RAYMOND T. HOWARD of 52 Pine Street, Franklin, MA 02038, JOHN MIRAGEAS of 231 Liberty Street, Quincy, MA 02169, JOHN P. VOCCIO of 32 Farmington Road, West Newton, MA 02465, DARIUSZ ANTONI BUSHKO of 4 Lamplighter Lane, Hopkinton, MA 01748, PETER M. WINN of 36 Tobin Hill Drive, Shrewsbury, MA 01545, GREGORY L. SNITCHLER of 64 Ireta Road, Shrewsbury, MA 01545, and RONALD A. MALZONE of 50 Briar Drive, Milford, MA 01757, hereby assign to: American Superconductor Corporation, a Delaware corporation having a place of business at: Two Technology Drive, Westborough, MA 01581-1727; 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 TORQUE TRANSMISSION ASSEMBLY FOR USE IN SUPERCONDUCTING ROTATING MACHINES, filed July 19, 2001, and assigned U.S. Serial Number 09/909,412, 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 7th day of October, 2001  
Bruce B. Gamble L.S.  
BRUCE B. GAMBLE

State of Massachusetts :

: ss.

County of Worcester :

Before me this 7th day of October, 2001, personally  
appeared BRUCE B. GAMBLE known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Sandra A. Kulaga  
Notary Public

My Commission Expires: APRIL 12, 2002

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA

this 5<sup>th</sup> day of October, 2001

Raymond T. Howard L.S.  
RAYMOND T. HOWARD

State of Massachusetts:

: ss.

County of Worcester :

Before me this 5<sup>th</sup> day of October, 2001, personally appeared RAYMOND T. HOWARD known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Billerica, MA,

this 27<sup>th</sup> day of September, 2001

John Mirageas L.S.  
JOHN MIRAGEAS

State of Massachusetts :

: ss.

County of Essex :

Before me this 27<sup>th</sup> day of September, 2001, personally appeared JOHN MIRAGEAS known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Jane M. Quimby  
Notary Public

My Commission Expires:

Jane M. Quimby  
NOTARY PUBLIC  
My commission expires July 24, 2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 5<sup>TH</sup> day of OCTOBER, 2001  
J.P. Voccio L.S.  
JOHN P. VOCCIO

State of Massachusetts :

: ss.

County of Worcester :

Before me this 5<sup>th</sup> day of October, 2001, personally  
appeared JOHN P. VOCCIO known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Tracy A. Connolly  
Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 5<sup>th</sup> day of October, 2001

[Signature] L.S.  
DARIUSZ ANTONI BUSHKO

State of Massachusetts :

: ss.

County of Worcester :

Before me this 5<sup>th</sup> day of October, 2001, personally  
appeared DARIUSZ ANTONI BUSHKO known to me to be the person whose name is  
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free  
act and deed for the purposes therein contained.

[Signature]

Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 5<sup>th</sup> day of October, 2001  
Peter M. Winn L.S.  
PETER M. WINN

State of Massachusetts:

: ss.

County of Worcester :

Before me this 5<sup>th</sup> day of October, 2001, personally  
appeared PETER M. WINN known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Tracy A. Connolly  
Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 5<sup>th</sup> day of October, 2001

[Signature]  
\_\_\_\_\_  
GREGORY L. SNITCHLER L.S.

State of Massachusetts:

: ss.

County of Worcester :

Before me this 5<sup>th</sup> day of October, 2001, personally  
appeared GREGORY L. SNITCHLER known to me to be the person whose name is subscribed  
to the foregoing Assignment and acknowledged that he executed the same as his free act and  
deed for the purposes therein contained.

[Signature]

Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Westborough, MA,  
this 27 day of September, 2001  
Ronald A. Malzone L.S.  
RONALD A. MALZONE

State of Massachusetts :

: ss.

County of Worcester :

Before me this 27<sup>th</sup> day of September, 2001, personally  
appeared RONALD A. MALZONE known to me to be the person whose name is subscribed to  
the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.



Notary Public

My Commission Expires:

**TRACY A. CONNOLLY**  
**NOTARY PUBLIC**  
My Commission Expires Oct 8, 2004

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