



01-16-2002

Substitute Form PTO-1595  
Attorney Docket No.: 05770-158001  
Client's Ref. No.: ASC-544

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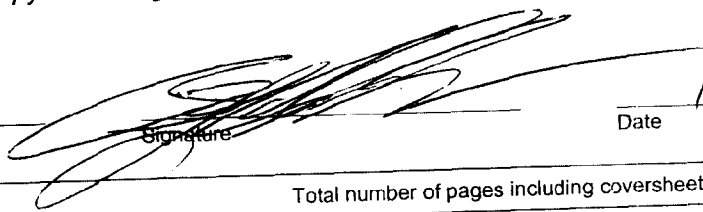


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MRD 1-8-02

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

1. Name of conveying party(ies): Swarn S. Kalsi and Gregory L. Snitchler Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): American Superconductor Corporation Two Technology Drive Westborough, MA 01581-1727  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 10/17/2001 and 10/26/2001			
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): 09/905,611 B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed:  BRIAN J. COLANDREO 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 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> 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: <i>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.</i>  Brian J. Colandreo Reg. No. 42,427 Name of Person Signing   Signature  Date 10-29-2001  Total number of pages including coversheet, attachments and document: 4			

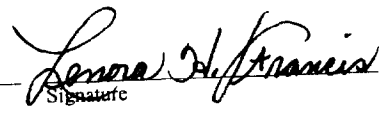
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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 29, 2001  
Date of Deposit

  
Signature

Lenora H. Francis  
Typed Name of Person Signing Certificate

PATENT  
REEL: 012455 FRAME: 0078

## ASSIGNMENT

For valuable consideration, we, SWARN S. KALSI of 22 Minuteman Way, Shrewsbury, MA 01545 and GREGORY L. SNITCHLER of 64 Ireta Road, Shrewsbury, MA 01545, 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 ENHANCEMENT OF STATOR LEAKAGE INDUCTANCE IN AIR-CORE MACHINES, filed July 13, 2001, and assigned U.S. Serial Number 09/905,611, 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, Massachusetts,

this 17<sup>th</sup> day of October, 2001

Swarn S. Kalsi

L.S.

SWARN S. KALSI

State of Massachusetts :

: ss.

County of Worcester :

Before me this 17<sup>th</sup> day of October, 2001, personally appeared

SWARN S. KALSI 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:

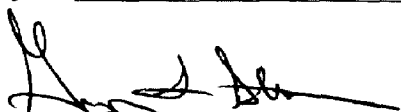
**TRACY A. CONNOLLY  
NOTARY PUBLIC**

My Commission Expires Oct 8, 2004

[Notary's Seal Here]

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

this 26<sup>th</sup> day of October, 2001



GREGORY L. SNITCHLER

L.S.

State of Massachusetts :

: ss.

County of Worcester :

Before me this 26<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.



Notary Public

My Commission Expires:

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

[Notary's Seal Here]