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New 10-21-02

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Assignment Security Agreement

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Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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Enter PCT application number only if a U.S. Application Number has not been assigned.

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Fee Amount for Properties Listed (37 CFR 3.41): \$

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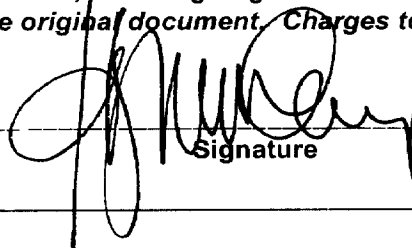
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Harry M. Levy

Name of Person Signing



Signature

10/15/02

Date

ASSIGNMENT

For valuable consideration, I, RONALD D. PARRELLA of 74 Arizona Avenue, Holden, Massachusetts 01520, 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 me, entitled METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS, filed April 9, 2002, and assigned U.S. Serial Number 10/031,525 (claiming priority from PCT Application Serial No. PCT/US00/20047 filed on July 21, 2000), and I 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 I 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 I agree for myself and my 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 3rd day of October, 2002

Ronald D. Parrella

L.S.

RONALD D. PARRELLA

State of Massachusetts :

: ss.

County of Worcester :

Before me this 3rd day of October, 2002, personally appeared RONALD D. PARRELLA 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: MARCH 27, 2007

[Notary's Seal Here]