

03-30-2007

Attorney Docket No.: 23395-037

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)



103389743

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Timothy A. Antaya

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

2. Name and address of receiving party(ies)

Name: Massachusetts Institute of Technology

Street Address: MIT Technology Licensing Office  
Five Cambridge Center  
Kendall Square, Room NE25-230  
Cambridge, MA 02142-1493

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 8, 2007

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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):

11/624,769

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: Robert J. Sayre, Esq.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$40.00

- ☐ Enclosed  
☒ The Commissioner is authorized to charge any deficiencies or credit  
any overpayment to Deposit Account No: 50-0311, Reference No.  
23395-037.

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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.

Robert J. Sayre, Reg. No. 42,124

March 26, 2007

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: [ 3 ]

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PATENT  
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B. Patent No(s):

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GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)

\$40.00

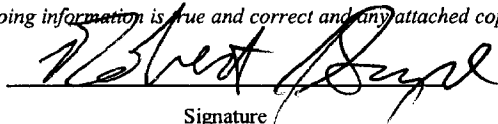
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**PATENT**  
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## ASSIGNMENT

I, **Timothy A. Antaya**, the undersigned, hereinafter referred to as the ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Massachusetts Institute of Technology**, a Massachusetts Corporation, with offices at MIT Technology Licensing Office, Five Cambridge Center, Kendall Square, Room NE25-230, Cambridge, MA 02142-1493, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### HIGH-FIELD SUPERCONDUCTING SYNCHROCYCLOTRON

filed with the U.S. Patent and Trademark Office on **January 19, 2007**, and assigned Serial No. **11/624,769**, including any revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

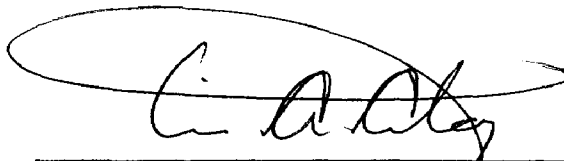
I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 08 March 07

  
Signature of: **Timothy A. Antaya**

State of Massachusetts

Country of Middlesex

Subscribed and sworn to before me this 8 day of March/2007.

  
Notary Public

My commission expires 11/20/2013.

*Luella Sander Notary Public Commonwealth of Massachusetts  
My Commission Expires November 29 2013*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Timothy A. Antaya  
SERIAL NUMBER : 11/624,769 EXAMINER : Not Yet Assigned  
FILING DATE : January 19, 2007 ART UNIT : 2832  
FOR : HIGH-FIELD SUPERCONDUCTING SYNCHROCYCLOTRON

Mail Stop Assignment Recordation Services  
Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

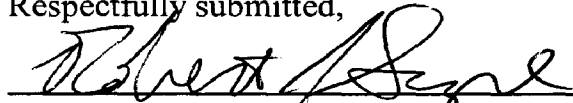
Transmitted herewith for filing in the present application are the following documents:

1. RECORDATION COVER SHEET (1 page);
2. Copy of ASSIGNMENT executed by Timothy A. Antaya (2 pages);
3. Check (# 23973) in the amount of \$40.00; and,
4. Return Postcard.

The enclosed check is to cover the \$40.00 recordation fee under 37 C.F.R. § 1.21(h). Although Applicant believes that no additional fees are due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 23395-037. A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at telephone (617) 542-6000.

Respectfully submitted,



Robert J. Sayre, Reg. No. 42,124  
Attorney for Applicant  
MINTZ, LEVIN, COHN, FERRIS,  
GLOVSKY and POPEO, P.C.  
Address all written correspondence to  
**Customer No. 30623**  
Tel: (617) 542-6000  
Fax: (617) 542-2241

Dated: March 26, 2007

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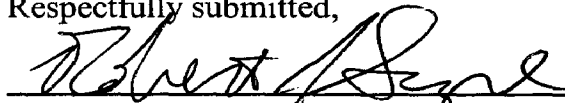
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Attorney for Applicant  
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GLOVSKY and POPEO, P.C.  
Address all written correspondence to  
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Dated: March 26, 2007

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