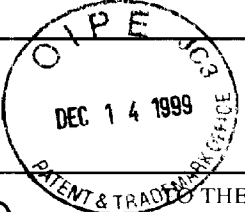


12-15-99

DP



Express Mail No. EL 265 832 480 US

01-19-2000



Attorney Docket Number 10026-003

MMD  
12/14/99

101247209

Box Assignment  
Washington, DC 20231

TRADEMARKS

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):  Jiong CHEN, Jinliang CHEN and Eric Henry Jon ANTONISSEN</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>ADVANCED ION BEAM TECHNOLOGY, INC.</u> Address: <u>116 South Wolfe Road Sunnyvale, CA 94086</u> Country (if other than USA): _____</p>
<p>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 _____</p> <p>Execution Date: <u>December 6, 1999</u></p>	

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) <u>09/419,448, filed Oct. 15, 1999</u>	B. Patent No.(s) _____
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:  PENNIE &amp; EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p>
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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.*

Francis E. Morris	24,615	December 14, 1999
Name of Person Signing	Reg. No.	Date

Signature: *[Handwritten Signature]*

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignment Washington, D.C. 20231

01/18/2000 VBRODNN 00000034 161150 40.00 CH 01 FC:581

ASSIGNMENT

WHEREAS, WE, (1) Jiong CHEN, (2) Jinliang CHEN and (3) Eric Henry Jon ANTONISSEN, ASSIGNORS, citizens of (1) Canada, (2) China and (3) the United States, respectively, residing at (1) 1069 Oaktree Drive, San Jose, CA 95129, (2) 10227 Beardon Drive, # 1, Cupertino, CA 95014 and (3) 1655 Canary Drive, Sunnyvale, CA 94087, respectively, are the inventors of the invention in MAGNET SYSTEM FOR AN ION BEAM IMPLANTATION SYSTEM USING HIGH PERVEANCE BEAMS for which we have executed an application for a Patent of the United States

which is executed on  even date herewith or  \_\_\_\_\_

which is identified by Pennie & Edmonds LLP docket no. 10026-003

which was filed on October 15, 1999, Application No. 09/419,448

and WHEREAS, ADVANCED ION BEAM TECHNOLOGY, INC., ASSIGNEE, with principal offices at 116 South Wolfe Road, Sunnyvale, CA 94086, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

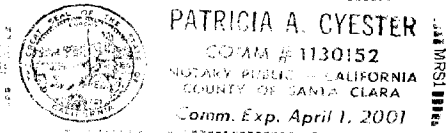
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 12-6-99, 1999 Jiong Chen L.S.  
Date 12/6/99, 1999 Jinliang Chen L.S.  
Date 12/6/99, 1999 Eric Henry Jon Antonissen L.S.

State of Ca SS.:  
County of Santa Clara

In the State of Ca, county of Santa Clara, on Dec 6, 1999, before me, Patricia A. Cyester, Notary Public, personally appeared Jiong CHEN, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~ they executed the same in his/~~her~~ their authorized capacity(ies), and that by his/~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal  
Patricia A. Cyester



State of Ca SS:  
County of Santa Clara

In the State of Ca, county of Santa Clara, on Dec 6, 1999, before me, Patricia A. Cyester, Notary Public, personally appeared Jinliang CHEN, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester



PATRICIA A. CYESTER  
COMM # 1130152  
NOTARY PUBLIC - CALIFORNIA  
COUNTY OF SANTA CLARA  
Comm. Exp. April 1, 2001

State of Ca SS:  
County of Santa Clara

In the State of Ca, county of Santa Clara, on Dec 6, 1999, before me, Patricia A. Cyester, Notary Public, personally appeared Eric Henry Jon ANTONISSEN, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester



PATRICIA A. CYESTER  
COMM # 1130152  
NOTARY PUBLIC - CALIFORNIA  
COUNTY OF SANTA CLARA  
Comm. Exp. April 1, 2001