

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

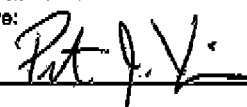
RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Cheng-Hui SHEN (10/10/07); Donald Wayne BERRIAN (10/10/07); Jiong CHEN (10/10/07) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Advanced Ion Beam Technology, Inc.</u> Internal Address: <u>81 Daggett Drive</u> Street Address: City: <u>San Jose</u> State: <u>California</u> Country: <u>United States of America</u> Zip: <u>95134</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): _____ <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input checked="" type="checkbox"/> Other <u>Corrected Notice of Recordation</u> <u>Reel 019989/Frame 0221</u>	

4. Application or patent number(s): A. Patent Application No.(s) <u>11/868,851 filed 10/08/07</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Peter J. Yim</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 552772000200</u> Street Address: <u>425 Market Street</u> City: <u>San Francisco</u> State: <u>CA</u> Zip: <u>94105-2482</u> Phone Number: <u>(415) 268-6373</u> Fax Number: <u>(415) 268-7522</u> Email Address: <u>PYim@mofo.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>03-1952</u> Authorized User Name <u>Peter J. Yim</u>
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9. Signature: <u></u> <u>October 29, 2007</u> Signature Date <u>Peter J. Yim - 44,417</u> Name of Person Signing	Total number of pages/including cover sheet, attachments, and documents: 6
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CIH \$40.00 031952 11868851

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

10/19/2007
500380083

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Cheng Hui SHEN</td> <td>10/10/2007</td> </tr> <tr> <td>Donald Wayne BERRIAN</td> <td>10/10/2007</td> </tr> <tr> <td>Jiong CHEN</td> <td>10/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	Cheng Hui SHEN	10/10/2007	Donald Wayne BERRIAN	10/10/2007	Jiong CHEN	10/10/2007
Name	Execution Date								
Cheng Hui SHEN	10/10/2007								
Donald Wayne BERRIAN	10/10/2007								
Jiong CHEN	10/10/2007								
RECEIVING PARTY DATA									
Name:	Advanced Ion Beam Technology, Inc.								
Street Address:	81 Daggett Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11868851</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11868851				
Property Type	Number								
Application Number:	11868851								
CORRESPONDENCE DATA									
Fax Number:	(415)268-7522								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	415-268-6373								
Email:	mlawson@mofo.com								
Correspondent Name:	Peter Yim								
Address Line 1:	425 Market Street								
Address Line 4:	San Francisco, CALIFORNIA 94105								
ATTORNEY DOCKET NUMBER:	552773000100								
NAME OF SUBMITTER:	Monique Lawson								
Total Attachments: 2 source=Assignment - 552772000200#page1.tif source=Assignment - 552772000200#page2.tif									

CH \$40.00 11868851

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Cheng-Hui SHEN, Donald Wayne BERRIAN, and Jiong CHEN (hereinafter referred to as the assignors), No. 97, Chang-an Road, Hukou Township, Hsinchu County, 30347 Taiwan, Republic of China; 17 Pheasant Lane, Topsfield, Massachusetts 01983; and 1069 Oaktree Drive, San Jose, California 95129; respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **IMPLANT BEAM UTILIZATION IN AN ION IMPLANTER**, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/868,851 and filed on October 8, 2007; and

WHEREAS, Advanced Ion Beam Technology, Inc., a corporation duly organized under and pursuant to the laws of Arizona and having its principal place of business at 81 Daggett Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

10/10/2007 Cheng-Hui Shen
Date Cheng-Hui SHEN

10/10/2007 Donald W. Berrian
Date Donald Wayne BERRIAN

Oct. 10, 2007 Jiong
Date Jiong CHEN



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 19, 2007

PTAS



5003800834

PETER YIM
425 MARKET STREET
SAN FRANCISCO, CA 94105

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/19/2007

REEL/FRAME: 019989/0221
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: ~~552772000100~~ 55277 2000200

ASSIGNOR:

~~SHEN, CHENG-HUI~~ Shen, Cheng-Hui

DOC DATE: 10/10/2007

ASSIGNOR:

BERRIAN, DONALD WAYNE

DOC DATE: 10/10/2007

ASSIGNOR:

CHEN, JIONG

DOC DATE: 10/10/2007

ASSIGNEE:

ADVANCED ION BEAM TECHNOLOGY, INC.
81 DAGGETT DRIVE
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 11868851

FILING DATE: 10/08/2007

I hereby certify that this paper is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: October 29, 2007

Signature: 

(Monique L. Lawson)

Docket No.: 552772000200
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Cheng-Hui SHEN

Application No.: 11/868,851

Filed: October 8, 2007

Art Unit: Not Yet Assigned

For: IMPLANT BEAM UTILIZATION IN AN ION
IMPLANTER

Examiner: Not Yet Assigned

REQUEST FOR CORRECTED NOTICE OF RECORDATION

MS Assignment Services Branch
US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby requests that a corrected Notice of Recordation be issued in the above-identified patent application. The official Notice of Recordation received by Applicant, a marked-up copy of which is attached hereto, has the following errors. Attached is a copy of the marked-up Assignment Document in support of the request.

Next to "DOCKET NUMBER," please change 552773000100 to - - 552772000200 - -

Next to "ASSIGNOR," please change Shen, Cheung Hui to - - Shen, Cheng-Hui - -

Next to FILING DATE, please insert - - 10/08/2007 - -

sf-2410388

PATENT
REEL: 020038 FRAME: 0533

Application No.: 11/868,851


2

Docket No.: 552772000200

Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Dated: October 29, 2007

Respectfully submitted,

By 
Peter J. Yin

Registration No.: 44,417
MORRISON & FOERSTER LLP
425 Market Street
San Francisco, California 94105-2482
(415) 268-6373

PTO/SB/21 (04-07)

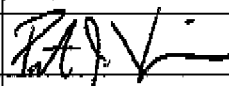
Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>	Application Number	11/868,851	
	Filing Date	October 8, 2007	
	First Named Inventor	Cheng-Hui SHEN	
	Art Unit	Not Yet Assigned	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	9	Attorney Docket Number	552772000200

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. Request for Corrected Notice of Recordation (2 pages)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2. Recordation Cover Sheet w/ copy of Assignment (3 pages)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3. Marked-up Notice of Recordation (3 pages)
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	4. Facsimile Cover Sheet (not counted as part of this submission)
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Peter J. Yim		
Date	October 29, 2007	Reg. No.	44,417

I hereby certify that this paper is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.	
Dated: October 29, 2007	Signature:  (Monique L. Lawson)

MORRISON & FOERSTER LLP

Attorneys at Law
425 Market Street
San Francisco, California 94105-2482
Telephone: (415) 268-7000
Facsimile: (415) 268-7522

To: U.S. Patent and Trademark Office
Attn: Assignment Branch

Facsimile: (571) 273-0140
Telephone:

From: Peter J. Yim
Reg. No. 44,417

Date: October 29, 2007

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Comments:

PLEASE PROCESS THE ATTACHED.

Re: U.S. Patent Application Serial No. 11/868,851
For: **IMPLANT BEAM UTILIZATION IN AN ION IMPLANTER**
By: Cheng-Hui SHEN et al.
Our Reference: 55277-20002.00

Attached are the following:

1. Transmittal (1 page)
2. Request for Corrected Notice of Recordation (2 pages)
3. Recordation Cover Sheet w/ copy of Assignment (3 pages)
4. Marked-up Notice of Recordation (3 pages)