#### 503915793 07/14/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3962445

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZHIMIN WAN	07/17/2015
KOUROSH SAADATMAND	06/10/2016
WILHELM P. PLATOW	07/23/2015
GER-PIN LIN	06/24/2015
CHING-I LI	06/29/2015
REKHA PADMANABHAN	06/30/2015
GARY N. CAI	06/29/2015

#### **RECEIVING PARTY DATA**

Name:	ADVANCED ION BEAM TECHNOLOGY, INC.
Street Address:	5F., NO. 18, CREATION ROAD 1, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14752522

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)621-7155

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 7036217140

Email: mailroom@mg-ip.com,asc@mg-ip.com

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, P.C.

Address Line 1: 4000 LEGATO RD., SUITE 310
Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	5207/3543PUS1
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY
SIGNATURE:	/Joe McKinney Muncy/
DATE SIGNED:	07/14/2016

PATENT 503915793 REEL: 039341 FRAME: 0561

Total Attachments: 28
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UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

# COMBINED DECLARATION AND ASSIGNMENT

COMBINED DECLARATION AND ASSIGNMENT
Title of Invention: METHOD FOR ION IMPLANTATION
As a below named inventor, I hereby declare that:
This declaration is directed to:  The attached application; or United States application number or PCT international application number 14/752,522, filed on 26 Jun 2015.
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Direct all correspondence to the address associated with Customer Number 60601.
WHEREAS, ADVANCED ION BEAM TECHNOLOGY, INC. of 5F, No. 18, Creation Road 1, Hsinchu Science Park, Hsinchu, 300 Taiwan, R.O.C., its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and $\square$ in any foreign countries.
NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said

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invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted

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The undersigned hereby grant(s) the law firm of <u>Muncy</u>, <u>Geissler</u>, <u>Olds & Lowe</u>, <u>P.C.</u> the power to insert on this Assignment any further identification which may be necessary or

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENTOR:

WAN, Zhimin	
Signature:	Date: 7/17/15
LEGAL NAME OF ADDITIONAL JOINT IN	VENTOR, IF ANY:
SAADATMAND, Kourosh	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN	VENTOR, IF ANY:
PLATOW, Wilhelm P.	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN	VENTOR, IF ANY:
LIN, Ger-Pin	
Signature:	Date:

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Ching-I LI		
Signature:	Date:	
LEGAL NAME OF ADDI' Rekha PADMANABHA	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDI' Gary N. CAI	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDI	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDI	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
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LEGAL NAME OF FIRST OR SOLE INVENTOR:

WAN, Zhimin		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT IN	IVENTOR, IF ANY:	
SAADATMAND, Kourosh		
Signature: K. Madulu af	Date: 6/10/2016	
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		
PLATOW, Wilhelm P.		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT IN	IVENTOR, IF ANY:	
LIN, Ger-Pin		
Signature:	Date:	

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Ching-I LI		
Signature:	Date:	
LEGAL NAME OF ADDI' Rekha PADMANABHA	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDI' Gary N. CAI	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
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SAADATMAND, Kourosh		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: PLATOW, Wilhelm P.		
Signature: T. Ph. Ly	Date: 7/23/2015	
LEGAL NAME OF ADDITIONAL JOINT IN	IVENTOR, IF ANY:	
LIN, Ger-Pin		
Signature:	Date:	

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_	Date:	
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WAN, Zhimin		
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SAADATMAND, Kourosh		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT IN PLATOW, Wilhelm P.	VENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		
LIN, Ger-Pin		
Signature: Ger Pin Lin	Date: 6/2/2015	

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Ching-I LI		
Signature:	Date:	
LEGAL NAME OF ADDIT Rekha PADMANABHA	TIONAL JOINT INVENTOR, IF ANY:	
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LEGAL NAME OF ADDIT	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDIT	TIONAL JOINT INVENTOR, IF ANY:	
Signature:	Date:	
LEGAL NAME OF ADDIT	ΓΙΟΝΑL JOINT INVENTOR, IF ANY:	
Signature:	Date:	

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Zhimin WAN	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN Kourosh SAADATMAND	IVENTOR, IF ANY:
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Wilhelm P. PLATOW	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN Ger-Pin LIN	IVENTOR, IF ANY:
Signatura	Data

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:	
LI, Ching-I	
Signature: Ching I Li	Date: $\frac{6/9/5015}{}$
LEGAL NAME OF ADDITIONAL JOINT IN	
PADMANABHA, Rekha	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN	VENTOR, IF ANY:
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Signature:	Date:

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entire right, title and interest in and to any and all Letters Patent(s) which may be granted

therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of <u>Muncy</u>, <u>Geissler</u>, <u>Olds & Lowe</u>, <u>P.C.</u> the power to insert on this Assignment any further identification which may be necessary or

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The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENZhimin WAN	TTOR:
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN Kourosh SAADATMAND	IVENTOR, IF ANY:
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Wilhelm P. PLATOW	
Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN Ger-Pin LIN	IVENTOR, IF ANY:
Signatura	Date

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		
LI, Ching-I		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		
PADMANABHA, Rekha		
Signature:	Date:	
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		
CAI, Gary N.		
Signature:	Date: 6/29/2015	

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD FOR ION IMPLANTATION As a below named inventor, I hereby declare that: This declaration is directed to: The attached application; or United States application number or PCT international application number 14/752,522, filed on 26 Jun 2015. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, ADVANCED ION BEAM TECHNOLOGY, INC. of 5F, No. 18, Creation Road 1, Hsinchu Science Park, Hsinchu, 300 Taiwan, R.O.C., its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries. NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said

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invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted

therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENTOR:

Zhimin WAN

Signature: \_\_\_\_\_\_ Date: \_\_\_\_\_

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:
Kourosh SAADATMAND

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:
Wilhelm P. PLATOW

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:
Ger-Pin LIN

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature:	Date:
LEGAL NAME OF ADDITIONAL JOINT IN	WENTOD IF AND
STE WANTE OF ADDITIONAL JOINT IN	VENTUR, IF ANY:
PADMANABHANRekha	
Signature: Rubha	Date: June -30 - 2015.
LEGAL NAME OF ADDITIONAL JOINT IN	VENTOR, IF ANY:
CAI, Gary N.	
Signature:	Date:

**RECORDED: 07/14/2016**