

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2772355

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DANNY Z. CHEN	10/08/2013
	CHAO WANG	10/08/2013
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF NOTRE DAME DU LAC	
Street Address:	940 GRACE HALL	
City:	NOTRE DAME	
State/Country:	INDIANA	
Postal Code:	46556	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14020500
CORRESPONDENCE DATA		
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
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Email:	Ben@adlerandassociates.com	
Correspondent Name:	BENJAMIN AARON ADLER	
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Address Line 2:	ADLER & ASSOCIATES	
Address Line 4:	HOUSTON, TEXAS 77071	
ATTORNEY DOCKET NUMBER:	D6857RI	
NAME OF SUBMITTER:	BENJAMIN AARON ADLER	
SIGNATURE:	/Benjamin Aaron Adler/	
DATE SIGNED:	03/18/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, DANNY Z. CHEN, whose office address appears below (hereinafter referred to as ASSIGNOR), is an employee of the University of Notre Dame du Lac, with an address at 511 Main Building, Notre Dame, Indiana, 46556 (hereinafter referred to as ASSIGNEE) and has certain obligations to disclose and assign patentable new inventions to ASSIGNEE; and

WHEREAS, ASSIGNOR has invented a new and useful invention entitled: "Single Arc Dose Painting: An Efficient Method of Precision Radiation Therapy", Docket Number UND 07-015 (hereinafter referred to as the INVENTION) for which a United States Provisional Patent Application was filed April 20, 2007, and was assigned Patent Application S/N 60/913,175; and for which a United States Utility Patent Application was filed September 6, 2013, with the title "Single-Arc Dose Painting for Precision Radiation Therapy" and was assigned Patent Application S/N 14/020,500; and

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States and throughout the world; and

WHEREAS, ASSIGNOR is willing to assign his entire right, title, and interest in and to the INVENTION to ASSIGNEE;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said INVENTION and applications throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

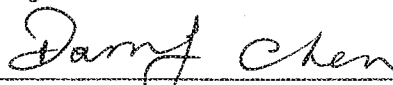
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Danny Z. Chen
384 Fitzpatrick
Notre Dame, IN 46556



Signature

10/8/2013

Date

(Notarization preferred but not required)

Before me personally appeared said _____ and acknowledges this instrument to be his (her) free act and deed this _____ day of _____, 2006.

Notary Public

ASSIGNMENT

WHEREAS, CHAO WANG, whose address appears below (hereinafter referred to as ASSIGNOR), is or was an employee of the University of Notre Dame du Lac, with an address at 940 Grace Hall, Notre Dame, Indiana, 46556 (hereinafter referred to as ASSIGNEE) and has or had certain obligations to disclose and assign patentable new inventions to ASSIGNEE; and

WHEREAS, ASSIGNOR has invented a new and useful invention entitled: "Single Arc Dose Painting: An Efficient Method of Precision Radiation Therapy", Docket Number UND 07-015 (hereinafter referred to as the INVENTION) for which a United States Provisional Patent Application was filed April 20, 2007, and was assigned Patent Application S/N 60/913,175; and for which a United States Utility Patent Application was filed September 6, 2013, with the title "Single-Arc Dose Painting for Precision Radiation Therapy" and was assigned Patent Application S/N 14/020,500; and

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States and throughout the world; and

WHEREAS, ASSIGNOR is willing to assign his entire right, title, and interest in and to the INVENTION to ASSIGNEE;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said INVENTION and applications throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

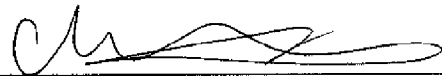
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

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ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Chao Wang
6291 Centre Stone Ring
Columbia, MD 21044



Signature

10/8/2013

Date

(Notarization preferred but not required)

Before me personally appeared said _____
and deed this _____ day of _____, 2006

and acknowledges this instrument to be his (her) free act

Notary Public