

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ying Wu	09/29/2011
RECEIVING PARTY DATA	
Name:	Duke University
Street Address:	2812 Erwin Road
Internal Address:	Suite 306
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27705
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11921294
CORRESPONDENCE DATA	
Fax Number:	(919)419-0383
Phone:	919-493-8000
Email:	gchaney@jwth.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Jeffrey L. Wilson
Address Line 1:	3100 Tower Boulevard
Address Line 2:	Suite 1200
Address Line 4:	Durham, NORTH CAROLINA 27707
ATTORNEY DOCKET NUMBER:	421/156 PCT/US
NAME OF SUBMITTER:	Jeffrey L. Wilson
Total Attachments: 2 source=Wu_Assignment_421-156_PCT-US#page1.tif source=Wu_Assignment_421-156_PCT-US#page2.tif	

OP \$40.00 11921294

ASSIGNMENT

WHEREAS, I, Ying Wu, of Chapel Hill, North Carolina, hereinafter ("Assignor"), have invented certain new and useful improvements in X-RAY PIXEL BEAM ARRAY SYSTEMS AND METHODS FOR ELECTRONICALLY SHAPING RADIATION FIELDS AND MODULATING RADIATION FIELD INTENSITY PATTERNS FOR RADIOTHERAPY for which application for a U.S. Letters Patent was made as national phase application based on PCT/US2006/021009 filed May 31, 2006 which claims priority to U.S. Patent Application No. 60/685,791 filed May 31, 2005, and which was subsequently filed as U.S. Patent Application No. 11/921,294 filed November 29, 2007.

AND, WHEREAS, Duke University, a non-profit organization located at Durham, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, his entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

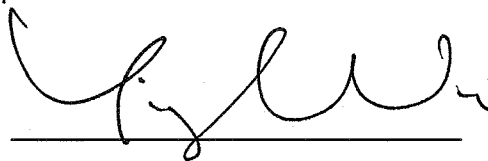
Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its

representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

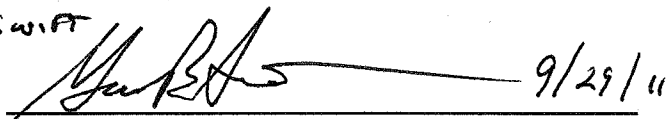
Executed this 29th day of September 2011.



Ying Wu

Witnessed by:

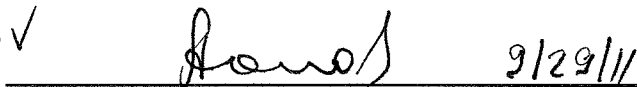
GARY B SWIFT



Name

Date

Victor Popov



Name

Date