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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiaofeng NIU	04/30/2012
Wenli WANG	05/07/2012

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13467090

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ATTORNEY DOCKET NUMBER: 392589US

PATENT REEL: 028178 FRAME: 0731

NAME OF SUBMITTER:	Abebech Hailemariam	
Total Attachments: 2 source=392589USAssignment#page1.tif source=392589USAssignment#page2.tif		

PATENT REEL: 028178 FRAME: 0732

Assignment of Application

WHEREAS, I (WE)	Xiaofeng NIU of Mun	delein, IL USA			
	Wenli WANG of Brian	cliff Manor, NY U	SA		
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					, respectively
have invented certa	in new and useful impro	ovements in: RANT	OM ESTIMAT	TION IN POSITRO	ON EMISSION
	WITH TANGENTIAL T				71, 21,11001011
					· · · · · · · · · · · · · · · · · · ·
(Application No	13/467,090	, filed	<u>May 9,</u>	2012), and
WHEREAS,	Kabushiki Kaisha Toshil	ba and Toshiba Med	lical Systems C	orporation	
_	d to as "ASSIGNEES")				a Minoto ku Tokuo
Japan and 1385 S	Shimoishigami, Otawara	ı-shi. Tochigi-ken.	Japan, respect	ively are desirous	s of jointly acquiring
interests in the ent	ire right, title and inter	est in and to said i	nvention and in	and to any Lette	ers Patent that may be
granted therefore in	the United States and it	s territorial possess	ions and in any	and all foreign cou	intries;
NOW THE	REFORE, in considerati	on of the sum of E	IVE DOLLAD	S (\$5,00) the	int whomas in beet
NOW, THE	CETOKE, III CONSIDERALI	on of the sum of t	IVE DULLAK	o (do.uu), ine rece	eipi whereoi is hereby

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by mc (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 4/30/2012	
,	(Signature of Inventor) Xiaofeng NIU
Date: 5/7/2012	all alay
7	(Signature of Inventor) Wenli WANG
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	<u> </u>
	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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RECORDED: 05/09/2012