PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Peter Fisher	05/27/2009
Denis Dujmic	05/26/2009

RECEIVING PARTY DATA

Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12893221

CORRESPONDENCE DATA

Fax Number: (508)366-4688

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 508-616-2900

Email: docket@bainwoodhuang.com
Correspondent Name: James F. Thompson, Esq.

Address Line 1: Bainwood, Huang & Associates, LLC

Address Line 2: 2 Connector Road

Address Line 4: Westborough, MASSACHUSETTS 01581

ATTORNEY DOCKET NUMBER: 1010-021.003

NAME OF SUBMITTER: James F. Thompson, Esq.

Total Attachments: 4

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PATENT REEL: 025375 FRAME: 0186

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PATENT REEL: 025375 FRAME: 0187

Attorney Docket No.: <u>1010-021.002</u>

Joint

ASSIGNMENT

improvemen	t in DIRECTION SENSITIVE NEUTRON DETECTOR described in an or Letters Patent of the United States, the specification of which:
	is being executed on even date herewith and is about to be filed in the United States Patent Office;
	was filed on April 20, 2009 as International Application No. PCT/US09/41085;
	was patented under U.S. Patent No on
corporation of having a usu Massachuse	REAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a organized and existing under the laws of the state of Massachusetts and ral place of business at 77 Massachusetts Avenue, Cambridge, tts 02139, USA desires to acquire an interest therein in accordance with duly entered into with us:

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to

PATENT REEL: 025375 FRAME: 0188

Attorney Docket No.: <u>1010-021.002</u>

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perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND we hereby authorize our attorneys Bainwood Huang & Associates LLC to insert here in parentheses (12/893, 22) Fled September 29, 2010) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: Vt. L	
Peter Fisher	
Date: <u>My 27, 7029</u>	
J	
nventor:	
Denis Dujmic	
Date:	

Attorney Docket No.: 1010-021.002

Joint

ASSIGNMENT

improvemen	REAS, we, Peter Fisher and Denis Dujmic, have invented a certain at in DIRECTION SENSITIVE NEUTRON DETECTOR described in an for Letters Patent of the United States, the specification of which:
	is being executed on even date herewith and is about to be filed in the United States Patent Office;
	was filed on April 20, 2009 as International Application No. PCT/US09/41085;
	was patented under U.S. Patent No on
having a usu Massachuse	REAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a organized and existing under the laws of the state of Massachusetts and lal place of business at 77 Massachusetts Avenue, Cambridge, latts 02139, USA desires to acquire an interest therein in accordance with duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to

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Attorney Docket No.: 1010-021.002

-2-

perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND we hereby authorize our attorneys Bainwood Huang & Associates LLC to insert here in parentheses (12/893, 221 Filed September 29, 2010) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

RECORDED: 11/18/2010

Inventor:		
	Peter Fisher	
Date:		. : .
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Inventor:	Lus L	~~~
*	Denis Dujmic	
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