

Señora Jefe
División de Nuevas Creaciones
Superintendencia de Industria y Comercio
E S D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 11-040324- -00003-0000

Fecha: 2011-09-19 15:47:36 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 45

Referencia: Solicitud Patente de Invención
Exp. No: 11-040.324
Título: Semillas para braquiterapia con matriz de rápida
disolución para un óptimo suministro de redionucleidos a
tejido canceroso
Solicitante: Batelle Memorial Institute y University of Utah Research
Foundation
Asunto: Respuesta a Requerimiento

Yo, JESÚS M. MÉNDEZ BERMÚDEZ, identificado con cédula de ciudadanía No. 13.491.525 de Cúcuta y con Tarjeta Profesional de Abogado No. 99.678 expedida por el Consejo Superior de la Judicatura, actuando como apoderado de BATELLE MEMORIAL INSTITUTE y UNIVERSITY OF UTAH RESEARCH FOUNDATION, amablemente me permito dar respuesta al requerimiento formulado dentro de la solicitud de la referencia mediante Oficio No. 08232

En el mencionado oficio se solicita:

1. Allegar poder debidamente otorgado al abogado que figura como apoderado en la solicitud y presentar el documento que acredita la existencia y representación legal de la sociedad solicitante.
2. Presentar copia del documento en el que conste la cesión del derecho a la patente de inventor al solicitante.

Con el fin de dar respuesta a las mencionadas solicitudes, adjunto al presente memorial:

1. Poder debidamente otorgado por las sociedades BATELLE MEMORIAL INSTITUTE y UNIVERSITY OF UTAH RESEARCH FOUNDATION y los documentos que acreditan la existencia y representación de cada una de ellas.
2. Copia del documento en el que consta la cesión del derecho a la patente debidamente firmados.

De esta forma, allego los documentos solicitados por este Despacho y doy respuesta oportuna al requerimiento formulado mediante Oficio No. 08232.

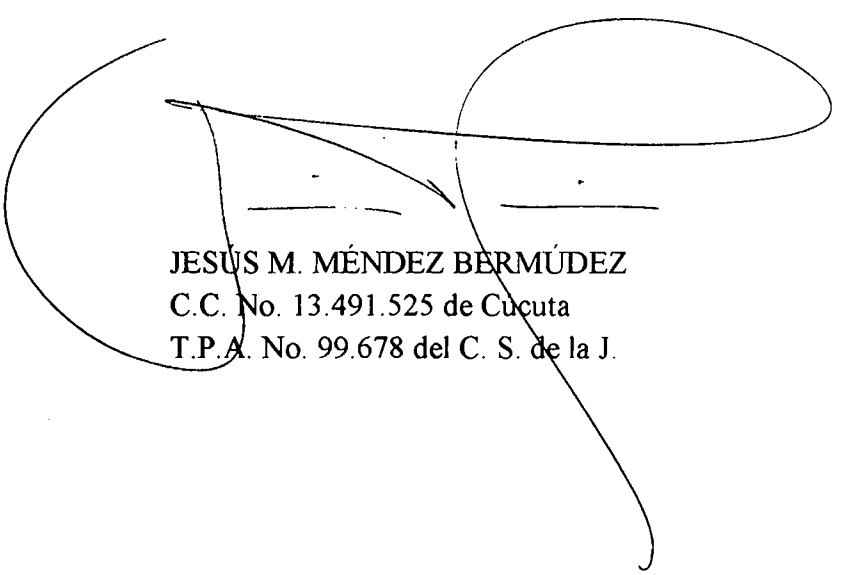
ANEXOS

Lo enunciado

NOTIFICACIONES

Recibiré notificaciones en la Secretaría de ése Despacho y en mi oficina, ubicada en la Calle 83 A No. 23-90 de esta ciudad.

De la Señora Jefe,



JESÚS M. MÉNDEZ BERMÚDEZ
C.C. No. 13.491.525 de Cúcuta
T.P.A. No. 99.678 del C. S. de la J.

2



Ministerio de Relaciones Exteriores
República de Colombia

Prosperidad
para todos

EL CONSULADO DE COLOMBIA

CERTIFICA:

Que es auténtica la firma de ROBERT P DUCKWORTH

Quien el día 24 DE MARZO DE 2011

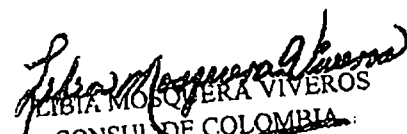
Desempeñaba las funciones FUNCIONARIO DE LA CORTE DEL CIRCUITO DE ANNE ARUNDEL, MARYLAND

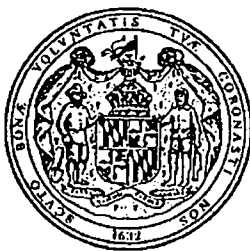
La cual aparece al pie de los documentos anexos relacionados con DOCUMENTO COMERCIAL

Dado en Washington, D.C, a los 28 DIAS DE Marzo DE 2011

Pagado Impuesto Timbre	<u>20</u>
Pagado derecho Consular	<u>10</u>
Total	<u>30</u>

-(El consulado no asume ninguna
Responsabilidad por el contenido de los
Documentos anexos)


LIBIA MOSQUERA VIVEROS
CONSUL DE COLOMBIA
WASHINGTON DC ESTADOS UNIDOS



The State of Maryland

Office of the Secretary of State

Apostille

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
This public document
2. has been signed by **Robert P. Duckworth**
3. acting in the capacity of **Clerk of the Circuit Court for Anne Arundel County**
4. bears the seal/stamp of the **Circuit Court for Anne Arundel County**

Certified

5. at Annapolis, Maryland
6. the 24th day of March, 2011
7. by The Secretary of State of Maryland

8. No. 277319

9. Seal



10. Signature

Secretary of State

FOR INTELLECTUAL PROPERTY

Yo, _____ actuando en nombre y representación de _____ con domicilio en _____, por el presente nombra a la Dra. Mónica Wolf Wasserman, identificada con C. C. No. 51.711.267 y/o al Dr. Jesús M. Méndez Bermúdez, identificado con C. C. No. 13.491.525, miembros de la firma WOLF • MENDEZ • ABOGADOS ASOCIADOS, con domicilio en la Calle 83A No. 23 - 90, de Bogotá D.C. - Colombia, como sus representantes legales, para que actúen conjunta o separadamente al propósito de recibir notificaciones y nombrar apoderados judiciales o extrajudiciales. En desarrollo de dicha calidad los representantes, o los apoderados que ellos designen, podrán recabar de las autoridades administrativas, sanitarias, judiciales, de policía, o cualquier otra competente, la obtención de Patentes de Invención, Modelos de Utilidad, Esquemas de Trazado de Circuitos Integrados, Diseños Industriales, Registro de Marcas, Lemas Comerciales, Depósito de Nombres Comerciales y Enseñas, Indicaciones Geográficas, Derechos de Autor, Nombres de Dominio y Registros Sanitarios, lo mismo que trasposos, extensiones, renovaciones, cambios de nombre, registro de licencias de explotación y registro de licencias de uso, a cuyo efecto les faculta para dar ante dichas autoridades todos los pasos necesarios al objeto indicado, elevar solicitudes, formular descripciones, enmiendas, protestas, declaraciones, reposiciones, apelaciones y reclamos, presentar denuncias penales, acciones por competencia desleal, solicitar la aplicación de medidas cautelares, aceptar cesiones, abonar todos los impuestos, cuotas y pagos determinados por ley, recibir todos los documentos y valores dando el descargo respectivo, presentar oposiciones, solicitar cancelaciones, renunciaciones voluntarias de derechos, nulidades, responder acciones, revocar poderes otorgados anteriormente, elevar recursos ordinarios de súplica y en fin tomar todas las medidas que creyeren conducentes al resguardo de nuestros intereses con todas las demás facultades legales necesarias. Este poder comprende además las facultades de recibir, desistir, transigir, conciliar, comprometer, sustituir en todo o en parte, revocar sustituciones y ratificar actuaciones anteriores hechas en calidad de Agentes Oficiosos.

Dado y firmado en _____

The undersigned, Rajiv K. Kulkarni, acting on behalf of the University of Utah Research Foundation with domicile in the State of Utah, hereby appoints Dr. Mónica Wolf Wasserman, identified with Citizenship Card No. 51.711.267 and/or Dr. Jesús M. Méndez Bermúdez, identified with Citizenship Card No. 13.491.525, attorneys at law of the firm WOLF • MENDEZ • ABOGADOS ASOCIADOS domiciled in Calle 83A No. 23 - 90, of Bogotá - Colombia, as our legal representatives, so that either or both said attorneys may act for the purpose of receiving notifications and to appoint attorneys to act in and out of court. In such capacity the representatives, or the attorneys by them appointed, may request from the administrative, health, judicial, police, or any other competent authorities, Patents of Invention, Utility Models, Layout-Designs (Topographics) of Integrated Circuits, Industrial Designs, Registration of Trade Marks, Advertising Slogans, Deposit of Corporate and Trade Names, Ensigns, Geographical Indications, Copyright, Domain Names and Sanitary Registration, as well as assignments, extensions, renewals, changes of name, registration of licenses of exploitation and licenses of use, for which they are empowered to take before said authorities all the necessary steps for the purposes indicated, to file applications, to formulate descriptions, corrections, protests, declarations, reconsideration petitions, appeals and claims, to file criminal denunciations, unfair competition actions, to request the application of precautionary measures, to accept assignments, to pay all taxes, quotas and payments prescribed by law, to receive all documents and proceeds, giving the respective acquittance or receipt; to file oppositions, request cancellations, voluntary abdication of rights, nullities, respond to actions, to revoke any power of attorney previously granted, to file an ordinary and to take any other measures that may be deemed conducive to the safeguard of our interests, with all necessary legal faculties to receive, withdrawal, compromise, transact, conciliate, substitute in all or in part, to revoke substitutions and ratify acts done as attorney de facto.

Given and signed in SALT LAKE CITY, UTAH, U.S.A.

RK Kulkarni March 9, 2011
University of Utah Research Foundation Date
Rajiv K. Kulkarni, Associate Director

CORPORATE SEAL
TO BE AFFIXED
1

MAR 24 2011

My Commission expires

03/31/2012

FOR INTELLECTUAL PROPERTY

101803

State of Maryland, Anne Arundel County, Sect.

I, ROBERT P. DUCKWORTH, Clerk of the Circuit Court for Anne Arundel County, Maryland, a court of record, do hereby certify that Ahmad Miski was a commissioned/appointed and qualified Notary Public commencing on the 5th day of May, 2009.



In Testimony Whereof, I have hereunto set my hand and affixed the seal of the court this 24th day of March, 2011.

Robert P. Duckworth

Robert P. Duckworth, Clerk
Circuit Court for Anne Arundel County, Maryland

y valores dando el descargo respectivo, presentar oposiciones, solicitar cancelaciones, renunciaciones voluntarias de derechos, nulidades, responder acciones, revocar poderes otorgados anteriormente, elevar recursos ordinarios de súplica y en fin tomar todas las medidas que creyeren conducentes al resguardo de nuestros intereses con todas las demás facultades legales necesarias. Este poder comprende además las facultades de recibir, desistir, transigir, conciliar, comprometer, sustituir en todo o en parte, revocar sustituciones y ratificar actuaciones anteriores hechas en calidad de Agentes Oficiosos.

Dado y firmado en _____

acquittance or receipt; to file oppositions, request cancellations, voluntary abdication of rights, nullities, respond to actions, to revoke any power of attorney previously granted, to file an ordinary and to take any other measures that may be deemed conducive to the safeguard of our interests, with all necessary legal faculties to receive, withdrawal, compromise, transact, conciliate, substitute in all or in part, to revoke substitutions and ratify acts done as attorney de facto.

Given and signed in SALT LAKE CITY, UTAH, U.S.
RK Kulkarni March 9, 2011
University of Utah Research Foundation Date
Rajiv K. Kulkarni, Associate Director

CORPORATE SEAL
TO BE AFFIXED
|

MAR 24 2011

My Commission expires
05-01-2013

MEMORANDUM

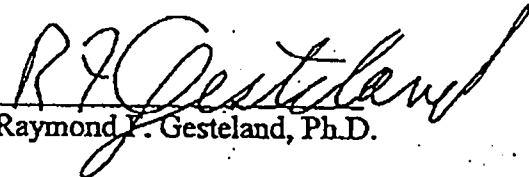
Date: 27 August 2003

To: Rajiv K. Kulkarni, Senior Technology Licensing Manager,
Technology Transfer Office

From: Ray Gesteland, Vice President for Research, University of Utah
President, University of Utah Research Foundation

Subject: Delegation of Signatory Authority

This Memorandum confirms the continuing authorization, granted you since 17 September 2001, to execute and sign documents on behalf of the University of Utah and the University of Utah Research Foundation for patent documents, confidential disclosure agreements and biological and materials transfer agreements.


Raymond F. Gesteland, Ph.D.

Vice President for Research
University of Utah

President
University of Utah Research Foundation

University of Utah Research Foundation
201 S PRESIDENTS CIRCLE RM 210
SALT LAKE CITY, UTAH 84112-9011

(801) 581-7236
FAX (801) 585-6212



Apostille

(Convention de La Haye du 5 Octobre 1961)

1. Country: **United States of America**
2. This public document has been signed by **JARED CHERRY**
3. acting in the capacity of **NOTARY PUBLIC, STATE OF UTAH**
4. bears the seal/stamp of **JARED CHERRY, NOTARY PUBLIC, STATE OF UTAH**

CERTIFIED

5. at **Salt Lake City, Utah, U.S.A.**
6. the **14th** day of **March, 2011**
7. by **Greg Bell**, Lieutenant Governor, State of Utah, U.S.A.
8. Number: **134382**
9. Seal/Stamp:

10. Signature:


Greg Bell
Lieutenant Governor

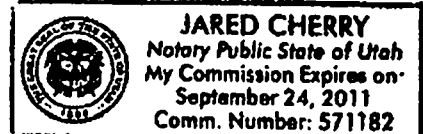


El Notario Público

(Con legalización consular o apostilla)

Granted and signed in Salt Lake City, Utah, USA, March 9, 2011

Notary Public



(With consular legalization or apostille)

Utah State Bar No. 11,534

CERTIFICACION NOTARIAL

(Individual)

A los _____ días del mes de _____ de 200__
compareció personalmente ante mí, Notario Público _____

A quien(es) doy fé de conocer y me consta que es (son)
la(s) persona(s) descrita(s) y firmante(s) del documento
que precede, declarando ante mí, que otorga(n) el mismo
para los fines y propósitos que en él se expresan.

El Notario Público

(Sociedades)

El infrascrito Notario Certifica: que la firma que antecede
impuesta por _____

es auténtica; que el signatario desempeña actualmente el
cargo de _____

de _____
que está facultado para otorgar este poder, que el
propósito para el que se otorga este poder está
comprendido dentro del objeto social de la Compañía;
que dicha Compañía está domiciliada en _____

_____ y actualmente existe y está organizada de acuerdo con las
leyes de _____

Todos los hechos anteriores me constan por haber
examinado los documentos siguientes y de todo ello doy
fé: _____

Dado y firmado en _____

El Notario Público

(Con legalización consular o apostilla)

NOTARIAL CERTIFICATE

(Individual)

On this _____ day of _____ 200__
personally appeared before me, Notary Public _____

to me known, and known to me to be the person(s)
described in and who executed the foregoing document,
and he (they) duly acknowledged to me that he (they)
executed the same for the uses and purposes therein
expressed.

Notary Public

(Corporations)

The undersigned Notary Public certifies: that the
preceding signature by Rajiv K. Kulkarni ✓

is authentic; that the signer at present fills the post of _____
Associate Director, University of Utah Technology
Commercialization Office ✓

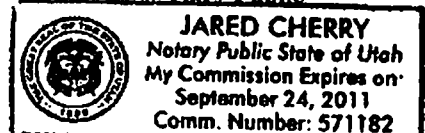
of The University of Utah Research Foundation
and that he is empowered to grant this power; that the
purpose for which this power is granted falls within the
chartered scope of the company's activities; that said
company is domiciled in the State of Utah ✓

_____ and it actually exists and is organized in accordance with
the laws of the State of Utah ✓

All the foregoing facts are known to me due to my
having examined the following documents to which I, the
Notary, attest: Delegation of Signatory Authority Letter
and Publicly Available Information

Granted and signed in Salt Lake City, Utah, USA, March
9, 2011

Notary Public



(With consular legalization or apostille)

Utah State Bar No. 11,534

CERTIFICACION NOTARIAL

(Individual)

A los _____ días del mes de _____ de 200____
compareció personalmente ante mí, Notario Público _____

A quien(es) doy fé de conocer y me consta que es (son)
la(s) persona(s) descrita(s) y firmante(s) del documento
que precede, declarando ante mí, que otorga(n) el mismo
para los fines y propósitos que en él se expresan.

El Notario Público

(Sociedades)

El infrascrito Notario Certifica: que la firma que antecede
impuesta por _____

es auténtica; que el signatario desempeña actualmente el
cargo de _____

de _____
que está facultado para otorgar este poder, que el
propósito para el que se otorga este poder está
comprendido dentro del objeto social de la Compañía;
que dicha Compañía está domiciliada en _____

_____ y actualmente existe y está organizada de acuerdo con las
leyes de _____

Todos los hechos anteriores me constan por haber
examinado los documentos siguientes y de todo ello doy
fé: _____

Dado y firmado en _____

El Notario Público

(Con legalización consular o apostilla)

NOTARIAL CERTIFICATE

(Individual)

On this _____ day of _____ 200____
personally appeared before me, Notary Public _____

to me known, and known to me to be the person(s)
described in and who executed the foregoing document,
and he (they) duly acknowledged to me that he (they)
executed the same for the uses and purposes therein
expressed.

Notary Public

(Corporations)

The undersigned Notary Public certifies: that the
preceding signature by Derek H. MAUGLIAN

is authentic; that the signer at present fills the post of _____
MARINE PATENT ATTORNEY

of _____
and that he is empowered to grant this power; that the
purpose for which this power is granted falls within the
chartered scope of the company's activities; that said
company is domiciled in the state of WASHINGTON

_____ and it actually exists and is organized in accordance with
the laws of the state of OHIO

All the foregoing facts are known to me due to my
having examined the following documents to which I, the
Notary, attest: Delegation of Signatory Authority
dated November 08, 2006.

Granted and signed in Richland, Washington USA
March 23, 2011 by Alan Craig Richter

Alan Craig Richter

Notary Public # 4994
Washington State Bar Association
(With consular legalization or apostille)



Ministerio de Relaciones Exteriores
República de Colombia

Prosperidad
para todos

EL CONSULADO DE COLOMBIA

CERTIFICA:

Que es auténtica la firma de ROBERT P DUCKWORTH

Quien el día 24 DE MARZO DE 2011

Desempeñaba las funciones FUNCIONARIO DE LA CORTE DEL CIRCUITO DE ANNE ARUNDEL, MARYLAND

La cual aparece al pie de los documentos anexos relacionados con DOCUMENTO COMERCIAL

Dado en Washington, D.C, a los 28 DIAS DE Marzo DE 2011

Pagado Impuesto Timbre	<u>20</u>
Pagado derecho Consular	<u>10</u>
Total	<u>30</u>

-(El consulado no asume ninguna
Responsabilidad por el contenido de los
Documentos anexos)


LIBIA MOSQUERA VIVEROS
CONSUL DE COLOMBIA
WASHINGTON DC ESTADOS UNIDOS



The State of Maryland

Office of the Secretary of State

Apostille

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
This public document
2. has been signed by **Robert P. Duckworth**
3. acting in the capacity of **Clerk of the Circuit Court for Anne Arundel County**
4. bears the seal/stamp of the **Circuit Court for Anne Arundel County**

Certified

5. at Annapolis, Maryland
6. the **24th day of March, 2011**
7. by The Secretary of State of Maryland
8. **No. 277298**

9. Seal



10. Signature

Secretary of State

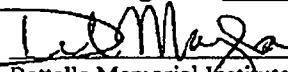
FOR INTELLECTUAL PROPERTY

Yo, _____ actuando en nombre y representación de _____ con domicilio en _____, por el presente nombra a la Dra. Mónica Wolf Wasserman, identificada con C. C. No. 51.711.267 y/o al Dr. Jesús M. Méndez Bermúdez, identificado con C. C. No. 13.491.525, miembros de la firma WOLF • MENDEZ • ABOGADOS ASOCIADOS, con domicilio en la Calle 83A No. 23 - 90, de Bogotá D.C. - Colombia, como sus representantes legales, para que actúen conjunta o separadamente al propósito de recibir notificaciones y nombrar apoderados judiciales o extrajudiciales. En desarrollo de dicha calidad los representantes, o los apoderados que ellos designen, podrán recabar de las autoridades administrativas, sanitarias, judiciales, de policía, o cualquier otra competente, la obtención de Patentes de Invención, Modelos de Utilidad, Esquemas de Trazado de Circuitos Integrados, Diseños Industriales, Registro de Marcas, Lemas Comerciales, Depósito de Nombres Comerciales y Enseñas, Indicaciones Geográficas, Derechos de Autor, Nombres de Dominio y Registros Sanitarios, lo mismo que trasposos, extensiones, renovaciones, cambios de nombre, registro de licencias de explotación y registro de licencias de uso, a cuyo efecto les faculta para dar ante dichas autoridades todos los pasos necesarios al objeto indicado, elevar solicitudes, formular descripciones, enmiendas, protestas, declaraciones, reposiciones, apelaciones y reclamos, presentar denuncias penales, acciones por competencia desleal, solicitar la aplicación de medidas cautelares, aceptar cesiones, abonar todos los impuestos, cuotas y pagos determinados por ley, recibir todos los documentos y valores dando el descargo respectivo, presentar oposiciones, solicitar cancelaciones, renunciaciones voluntarias de derechos, nulidades, responder acciones, revocar poderes otorgados anteriormente, elevar recursos ordinarios de súplica y en fin tomar todas las medidas que creyeran conducentes al resguardo de nuestros intereses con todas las demás facultades legales necesarias. Este poder comprende además las facultades de recibir, desistir, transigir, conciliar, comprometer, sustituir en todo o en parte, revocar sustituciones y ratificar actuaciones anteriores hechas en calidad de Agentes Oficiosos.

Dado y firmado en _____

The undersigned, ~~Derek H. Maughan~~, acting on behalf of Battelle Memorial Institute and University of Utah Research Foundation with domicile in the State of Ohio and the State of Utah, respectively, hereby appoints Dr. Mónica Wolf Wasserman, identified with Citizenship Card No. 51.711.267 and/or Dr. Jesús M. Méndez Bermúdez, identified with Citizenship Card No. 13.491.525, attorneys at law of the firm WOLF • MENDEZ • ABOGADOS ASOCIADOS domiciled in Calle 83A No. 23 - 90, of Bogotá - Colombia, as our legal representatives, so that either or both said attorneys may act for the purpose of receiving notifications and to appoint attorneys to act in and out of court. In such capacity the representatives, or the attorneys by them appointed, may request from the administrative, health, judicial, police, or any other competent authorities, Patents of Invention, Utility Models, Layout-Designs (Topographies) of Integrated Circuits, Industrial Designs, Registration of Trade Marks, Advertising Slogans, Deposit of Corporate and Trade Names, Ensigns, Geographical Indications, Copyright, Domain Names and Sanitary Registration, as well as assignments, extensions, renewals, changes of name, registration of licenses of exploitation and licenses of use, for which they are empowered to take before said authorities all the necessary steps for the purposes indicated, to file applications, to formulate descriptions, corrections, protests, declarations, reconsideration petitions, appeals and claims, to file criminal denunciations, unfair competition actions, to request the application of precautionary measures, to accept assignments, to pay all taxes, quotas and payments prescribed by law, to receive all documents and proceeds, giving the respective acquittance or receipt; to file oppositions, request cancellations, voluntary abdication of rights, nullities, respond to actions, to revoke any power of attorney previously granted, to file an ordinary and to take any other measures that may be deemed conducive to the safeguard of our interests, with all necessary legal faculties to receive, withdrawal, compromise, transact, conciliate, substitute in all or in part, to revoke substitutions and ratify acts done as attorney de facto.

Given and signed in Richland, Washington, U.S.A.


 Battelle Memorial Institute
 Derek H. Maughan, Manager

3/23/11
 Date

CORPORATE SEAL
 TO BE AFFIXED

MAR 24 2011

My Commission expires
 MAR 20 13

FOR INTELLECTUAL PROPERTY

101804

State of Maryland, Anne Arundel County, Sct.

I, ROBERT P. DUCKWORTH, Clerk of the Circuit Court for Anne Arundel County, Maryland, a court of record, do hereby certify that Ahmad Miski was a commissioned/appointed and qualified Notary Public commencing on the 5th day of May, 2009.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of the court this 24th day of March, 2011.



Robert P. Duckworth

Robert P. Duckworth, Clerk
Circuit Court for Anne Arundel County, Maryland

y valores dando el descargo respectivo, presentar oposiciones, solicitar cancelaciones, renunciaciones voluntarias de derechos, nulidades, responder acciones, revocar poderes otorgados anteriormente, elevar recursos ordinarios de súplica y en fin tomar todas las medidas que creyeren conducentes al resguardo de nuestros intereses con todas las demás facultades legales necesarias. Este poder comprende además las facultades de recibir, desistir, transigir, conciliar, comprometer, sustituir en todo o en parte, revocar sustituciones y ratificar actuaciones anteriores hechas en calidad de Agentes Oficiosos.

Dado y firmado en _____

all documents and proceeds, giving the respective acquittance or receipt; to file oppositions, request cancellations, voluntary abdication of rights, nullities, respond to actions, to revoke any power of attorney previously granted, to file an ordinary and to take any other measures that may be deemed conducive to the safeguard of our interests, with all necessary legal faculties to receive, withdrawal, compromise, transact, conciliate, substitute in all or in part, to revoke substitutions and ratify acts done as attorney de facto.

Given and signed in Richland, Washington, U.S.A.

Derek H. Maughan
Battelle Memorial Institute
Derek H. Maughan, Manager

3/23/11
Date

CORPORATE SEAL
TO BE AFFIXED

MAR 24 2011

My Commission expires
03/24/13

BATTELLE MEMORIAL INSTITUTE
DELEGATION OF AUTHORITY

TO

DEREK H. MAUGHAN

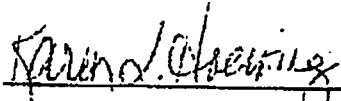
FOR PROSECUTION OF PATENTS

The standard business practice of Battelle Memorial Institute is to have inventions assigned to Battelle Memorial Institute prior to or at the time of filing patent applications. Pursuant to the authority delegated to me, Derek H. Maughan is hereby granted the authority to act on behalf of Battelle Memorial Institute in the filing and prosecution of U.S. and foreign patent applications, to execute powers of attorney, and to execute all documents in the name of Battelle Memorial Institute as may be necessary to prosecute such patent applications.

Additionally, Derek H. Maughan is hereby granted authority for transfer of Battelle copyrights in works of authorship comprising literary, pictorial, graphic, and audiovisual works in consideration for publication in technical, scientific, or educational journals; to file and prosecute Trademark applications with the United States Patent and Trademark Office; and to enter into material transfer agreements on behalf of Battelle Memorial Institute, Pacific Northwest Division.

This authority shall be exercised in accordance with Battelle Policies Manual, Section 4.4.1, and the authority may not be redelegated.

This delegation is effective November 15, 2006.



Karen L. Hoewing
Vice President and General Counsel
Battelle Memorial Institute
Pacific Northwest Division



Date

copy: Corporate Secretary

A 7282121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

February 23, 2011

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
NOVEMBER 17, 2009.**

**By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office**



T. Wallace
T. WALLACE
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
University of Utah	11/11/2009
RECEIVING PARTY DATA	
Name:	University of Utah Research Foundation
Street Address:	615 Arapeen Drive, Suite 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12552190
CORRESPONDENCE DATA	
Fax Number:	(509)375-4487
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.	
Phone:	(509) 375-2981
Email:	kelli.eadle@pnl.gov
Correspondent Name:	Battelle Memorial Institute
Address Line 1:	P.O. Box 999
Address Line 2:	K1-53
Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 2 source=UofUAssignment#page1.tif source=UofUAssignment#page2.tif	

CH \$40.00 12552190

501017332

PATENT
REEL: 023528 FRAME: 0107

ASSIGNMENT

Whereas, the University of Utah, a corporation of the State of Utah, having a place of business at Salt Lake City, Utah is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled "Brachytherapy Seed with Fast Dissolving Matrix for Optimal Delivery of Radionuclides to Cancer Tissue," filed in the United States Patent and Trademark Office as Serial No. 12/552,190 on September 1, 2009, which application is incorporated herein by this reference; and the invention therein described; and

Whereas, University of Utah Research Foundation, a corporation of the State of Utah, having a place of business at 615 Arapex Dr., Suite 310, Salt Lake City, UT 84108, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application;

Now, Therefore, in consideration of the sum of One Dollar (\$1.00) paid by University of Utah Research Foundation to the University of Utah and other good valuable consideration, the receipt of which is hereby acknowledged, the University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto the said University of Utah Research Foundation the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefore and in and to the said application and in and to any and all divisions, reissues, continuations, continuations in part, and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by University of Utah Research Foundation for its own use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the University of Utah if this assignment, transfer and sale had not been made.

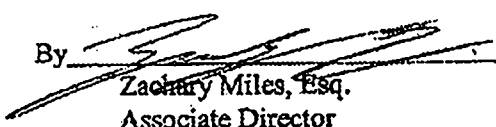
The University of Utah hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

PATENT
REEL: 023528 FRAME: 0108

In Testimony Whereof, the University of Utah has caused the hand of its proper representative to be subscribed hereto this 11th day of November, 2009.

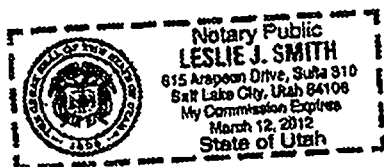
UNIVERSITY OF UTAH

By


Zachary Miles, Esq.
Associate Director

STATE OF Utah)
COUNTY OF Salt Lake) : ss

Before me personally appeared Zachary Miles, Esq. and acknowledged the foregoing instrument to be his free act and deed this 11th day of November, 2009.




Notary Public

RECORDED: 11/17/2009

PATENT
REEL: 023528 FRAME: 0109

A 7262121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

February 23, 2011

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T. Wallace
T. WALLACE
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
You Han Bae	11/10/2009
Zhonggao Gao	11/05/2009
RECEIVING PARTY DATA	
Name:	University of Utah
Street Address:	615 Arapeen Drive, Suite 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12552190
CORRESPONDENCE DATA	
Fax Number:	(509)375-4487
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(509) 375-2981
Email:	kelli.eadie@pnl.gov
Correspondent Name:	Battelle Memorial Institute
Address Line 1:	P.O. Box 999
Address Line 2:	K1-53
Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 3 source=UofUInventorsAssignment#page1.tif source=UofUInventorsAssignment#page2.tif	

CH \$40.00 12552190

501017329

PATENT
REEL: 023528 FRAME: 0100

source=UofUInventorsAssignment#page3.tif

PATENT
REEL: 023528 FRAME: 0101

22

ASSIGNMENT

We, You Han Bao and Zhonggao Gao, of the University of Utah, have invented a method and apparatus entitled "Brachytherapy Seed with Fast Dissolving Matrix for Optimal Delivery of Radionuclides to Cancer Tissue" hereinafter called the "invention" for which an application for United States Letters Patent was filed on September 1, 2009, Serial No. 12/552,190.

The Assignee, University of Utah, a corporation of the State of Utah, having a principal place of business at 615 Arapleen Drive, Suite 310, Salt Lake City, Utah 84108, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY SELL ASSIGN AND TRANSFER TO THE ASSIGNEE:

The entire right title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such application.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of said Assignee, its successors, assigns and legal representatives.

We hereby bind ourselves, our heirs, legal representatives, administrators and assigns by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and

PATENT
REEL: 023528 FRAME: 0102

other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon heirs and legal representatives.

Signed at

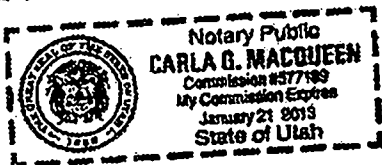
Salt Lake City, this 10 day of Nov., 2009
city, state, country (if not USA) day month year

Signed:

[Signature]
You Han Bac

STATE OF UT : ss
COUNTY OF SL

Before me personally appeared (Inventor Name) and acknowledged the foregoing instrument to be his/her free act and deed this 10th day of November, 2009.



[Signature]
Notary Public

PATENT
REEL: 023528 FRAME: 0103

Signed at

Beijing China, this 5 day of November, 2009.
city, state, country (if not USA) day month year

Signed: Zhonggao Gao
Zhonggao Gao

WITNESSES:

Yuanyuan Shen
Signature

Yuanyuan Shen
Printed Name

Mingji Jin
Signature

Mingji Jin
Printed Name

RECORDED: 11/17/2009

PATENT
REEL: 023528 FRAME: 0104

A 7282121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

February 23, 2011

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By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



T. Wallace
T. WALLACE
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Darrell R. Fisher	11/16/2009
RECEIVING PARTY DATA	
Name:	Battelle Memorial Institute
Street Address:	P.O. Box 999
Internal Address:	K1-53
City:	Richland
State/Country:	WASHINGTON
Postal Code:	99352
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12552190
CORRESPONDENCE DATA	
Fax Number:	(509)375-4487
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(509) 375-2981
Email:	kelli.eadie@pnl.gov
Correspondent Name:	Battelle Memorial Institute
Address Line 1:	P.O. Box 999
Address Line 2:	K1-53
Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif	

501017327

PATENT
REEL: 023528 FRAME: 0089

CH \$40.00 12552190

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PATENT
REEL: 023528 FRAME: 0090

ASSIGNMENT OF PATENT RIGHTS

Darrell R. Fisher

To
Battelle Memorial Institute

WHEREAS, I, Darrell R. Fisher of Richland, County of Benton, State of Washington ; hereinafter INVENTOR, have made certain inventions related to BRACHYTHERAPY SEED WITH FAST DISSOLVING MATRIX FOR OPTIMAL DELIVERY OF RADIONUCLIDES TO CANCER TISSUE, including those described and claimed in various disclosures including:

U.S. Patent Application No. 12/552,190, filed September 1, 2009), Entitled: BRACHYTHERAPY SEED WITH FAST DISSOLVING MATRIX FOR OPTIMAL DELIVERY OF RADIONUCLIDES TO CANCER TISSUE

For which I am about to make application for Letters Patent of the United States; collectively referred to hereinafter as INVENTIONS;

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, I the INVENTOR have each sold, assigned, and transferred, and by these presents do sell, assign and transfer

unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and I do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

I further covenant and agree that I will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that I will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

I further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to

execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

Executed at Richland, State of Washington, this 16 day of November, 2009.

Darrell R. Fisher
Darrell R. Fisher

STATE OF Washington)
) ss.
COUNTY OF Benton)

This 16th day of November, 2009, before me personally came the above-named Darrell R. Fisher, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Kelli L. Eadie
Notary Public for the State of Washington
My commission expires: 1/29/12

A 7282121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

February 23, 2011

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
NOVEMBER 13, 2009.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



T. Wallace
T. WALLACE
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
University of Utah	10/16/2008
RECEIVING PARTY DATA	
Name:	University of Utah Research Foundation ✓
Street Address:	615 Arapahoe Drive, Ste. 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12202954
CORRESPONDENCE DATA	
Fax Number:	(509)375-4487
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(509) 375-2981
Email:	kelli.eadie@pnl.gov
Correspondent Name:	Battelle Memorial Institute
Address Line 1:	P.O. Box 999
Address Line 2:	K1-53
Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 2 source=AssignmentUofURsearch#page1.tif source=AssignmentUofURsearch#page2.tif	

CH \$40.00 12202954

501015189

PATENT
REEL: 023516 FRAME: 0480

ASSIGNMENT

Whereas, the University of Utah, a corporation of the State of Utah, having a place of business at Salt Lake City, Utah is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled "Brachytherapy Seed with Fast-dissolving Matrix for Optimized Delivery of Radionuclides to Cancer Tissue", filed in the United States Patent and Trademark Office as Serial No. 12/202,954 on September 2, 2008, which application is incorporated herein by this reference; and the invention therein described; and

Whereas, University of Utah Research Foundation, a corporation of the State of Utah, having a place of business at 615 Arapleen Dr., Suite 310, Salt Lake City, UT 84108, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application;

Now, Therefore, in consideration of the sum of One Dollar (\$1.00) paid by University of Utah Research Foundation to the University of Utah and other good valuable consideration, the receipt of which is hereby acknowledged, the University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto the said University of Utah Research Foundation the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefore and in and to the said application and in and to any and all divisions, reissues, continuations, continuations in part, and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by University of Utah Research Foundation for its own use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the University of Utah if this assignment, transfer and sale had not been made.

The University of Utah hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

PATENT
REEL: 023516 FRAME: 0481

In Testimony Whereof, the University of Utah has caused the hand of its proper representative to be subscribed hereto this 16th day of October, 2008.

UNIVERSITY OF UTAH

By RK Kulkarni
Rajiv K. Kulkarni
Associate Director

RECORDED: 11/13/2009

PATENT
REEL: 023516 FRAME: 0482

A 7282121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

**UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**

February 18, 2011

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W. Montgomery
W. MONTGOMERY
Certifying Officer

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
You Han Bae	10/18/2008
RECEIVING PARTY DATA	
Name:	University of Utah
Street Address:	615 Arapeen Drive, Ste. 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
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Application Number:	12202954
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Email:	kelli.eadie@pnl.gov
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Address Line 2:	K1-53
Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 2 source=AssignmentUofU#page1.tif source=AssignmentUofU#page2.tif	

CH \$40.00 12202954

501015186

PATENT
 REEL: 023516 FRAME: 0477

ASSIGNMENT

I, You Han Bae, of the University of Utah, have invented a method and apparatus entitled "Brachytherapy Seed with Fast-dissolving Matrix for Optimized Delivery of Radionuclides to Cancer Tissue" hereinafter called the "invention" for which an application for United States Letters Patent was filed on September 2, 2008, Serial No. 12/202,954

The Assignee, University of Utah, a corporation of the State of Utah, having a principal place of business at 615 Arapleen Drive, Suite 310, Salt Lake City, Utah 84108, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, I HEREBY SELL ASSIGN AND TRANSFER TO THE ASSIGNEE:

The entire right title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such application.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of said Assignee, its successors, assigns and legal representatives.

I hereby bind myself, my heirs, legal representatives, administrators and assigns by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and

PATENT
REEL: 023516 FRAME: 0478

other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon heirs and legal representatives.

Signed at

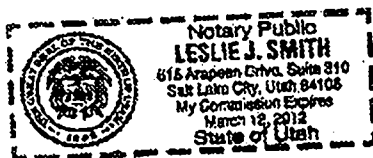
Salt Lake City, Utah this 16 day of Oct, 2008.
city, state, country (if not USA) day month year

Signed:

You Han Bae
You Han Bae

STATE OF UTAH)
: ss
COUNTY OF Salt Lake)

Before me personally appeared You Han Bae and acknowledged the foregoing instrument to be his free act and deed this 16th day of October, 2008.



Leslie J. Smith
Notary Public

RECORDED: 11/13/2009

PATENT
REEL: 023516 FRAME: 0479

A 7282121

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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T. WALLACE
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Darrell R. Fisher	10/06/2008
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Name:	Battelle Memorial Institute
Street Address:	P.O. Box 999
Internal Address:	K1-53
City:	Richland
State/Country:	WASHINGTON
Postal Code:	99352
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Address Line 4:	Richland, WASHINGTON 99352
ATTORNEY DOCKET NUMBER:	52,007
NAME OF SUBMITTER:	Derek H. Maughan
Total Attachments: 3 source=BattelleAssignment#page1.tif source=BattelleAssignment#page2.tif	

501015177

PATENT
REEL: 023517 FRAME: 0160

CH \$40.00 12202954

41

source=BattelleAssignment#page3.tif

PATENT
REEL: 023517 FRAME: 0161

42

ASSIGNMENT OF PATENT RIGHTS

Darrell R. Fisher

To
Battelle Memorial Institute

WHEREAS, I, Darrell R. Fisher of Richland, County of Benton, State of Washington ; hereinafter INVENTOR, have made certain inventions related to BRACHYTHERAPY SEED WITH FAST DISSOLVING MATRIX FOR OPTIMAL DELIVERY OF RADIONUCLIDES TO CANCER TISSUE

, including those described and claimed in various disclosures including:

U.S. Patent Application No. 12/202,954, filed September 2, 2008), Entitled: BRACHYTHERAPY SEED WITH FAST DISSOLVING MATRIX FOR OPTIMAL DELIVERY OF RADIONUCLIDES TO CANCER TISSUE

For which I am about to make application for Letters Patent of the United States; collectively referred to hereinafter as INVENTIONS;

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, I the INVENTOR have each sold, assigned, and transferred, and by these presents do sell, assign and transfer

43

unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and I do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

I further covenant and agree that I will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that I will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

I further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to

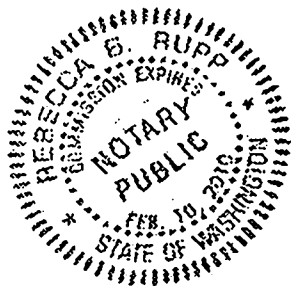
execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

Executed at Richland State of Washington, this 6 day
of October, 2008.

Darrell R. Fisher
Darrell R. Fisher

STATE OF Washington)
) ss.
COUNTY OF Benton)

This 6 day of October, 2008, before me personally came the above-named Darrell H. Fisher, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Rebecca B. Rupp
Notary Public for the State of Washington
My commission expires: 2/10/2010

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