

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Chao-Wei Hwang</td><td>01/21/2011</td></tr><tr><td>George L. Coles Jr.</td><td>01/20/2011</td></tr><tr><td>Jason J. Benkoski</td><td>01/26/2011</td></tr><tr><td>Morgana M. Trexler</td><td>01/26/2011</td></tr><tr><td>Hala J. Tomey</td><td>01/24/2011</td></tr><tr><td>Jon R. Resar</td><td>01/19/2011</td></tr><tr><td>Robert C. Matteson III</td><td>01/21/2011</td></tr></tbody></table>		Name	Execution Date	Chao-Wei Hwang	01/21/2011	George L. Coles Jr.	01/20/2011	Jason J. Benkoski	01/26/2011	Morgana M. Trexler	01/26/2011	Hala J. Tomey	01/24/2011	Jon R. Resar	01/19/2011	Robert C. Matteson III	01/21/2011
Name	Execution Date																
Chao-Wei Hwang	01/21/2011																
George L. Coles Jr.	01/20/2011																
Jason J. Benkoski	01/26/2011																
Morgana M. Trexler	01/26/2011																
Hala J. Tomey	01/24/2011																
Jon R. Resar	01/19/2011																
Robert C. Matteson III	01/21/2011																
RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>Johns Hopkins University</td></tr><tr><td>Street Address:</td><td>34th and Charles Street</td></tr><tr><td>City:</td><td>Baltimore</td></tr><tr><td>State/Country:</td><td>MARYLAND</td></tr><tr><td>Postal Code:</td><td>20723</td></tr></table>		Name:	Johns Hopkins University	Street Address:	34th and Charles Street	City:	Baltimore	State/Country:	MARYLAND	Postal Code:	20723						
Name:	Johns Hopkins University																
Street Address:	34th and Charles Street																
City:	Baltimore																
State/Country:	MARYLAND																
Postal Code:	20723																
PROPERTY NUMBERS Total: 1																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12985015</td></tr></tbody></table>		Property Type	Number	Application Number:	12985015												
Property Type	Number																
Application Number:	12985015																
CORRESPONDENCE DATA																	
Fax Number: (240)228-5254 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 240-228-5639																	
Email: Julia.Borchers@jhupl.edu																	
Correspondent Name: Albert J. Fasulo, II																	
Address Line 1: 11100 Johns Hopkins Road																	
Address Line 2: MS-7-151																	
Address Line 4: Laurel, MARYLAND 20723																	
ATTORNEY DOCKET NUMBER:	2820-SPL																

PATENT

501431075

REEL: 025768 FRAME: 0468

CH \$40.00 12985015

NAME OF SUBMITTER:

Albert J. Fasulo, II

Total Attachments: 6

source=2820SPLexecAssign#page1.tif

source=2820SPLexecAssign#page2.tif

source=2820SPLexecAssign#page3.tif

source=2820SPLexecAssign#page4.tif

source=2820SPLexecAssign#page5.tif

source=2820SPLexecAssign#page6.tif

PATENT

REEL: 025768 FRAME: 0469

ASSIGNMENT

WHEREAS Chao-Wei Hwang, George L. Coles, Jason J. Benkoski, Morgana M. Trexler, Hala J. Tomey, Jon R. Resar and Robert C. Matteson, III, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application no.12/985,015, filed January 5, 2011, entitled:

Implantable Pressure-Actuated Drug Delivery Systems and Methods of Manufacture and Use
which application was executed by them on January 21, 2011, January 19, 2011, January 26, 2011, January 26, 2011, January 24, 2011, January 19, 2011, and January 21, 2011, respectively; and

WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of their employment by ASSIGNEE, the ASSIGNORS do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and possessions and in all foreign countries and the entire right, title and interest in and to said international application and any substitutions, divisions, continuations, or continuations-in-part based upon said application, and in and to any and all Letters Patent, whether original or reissue, which may be granted for said invention in the United States and its territories and possessions and in any and all foreign countries, the invention, said patent application, and any and all such patents to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its legal representatives as fully and entirely as the same would have been held by the ASSIGNORS had this agreement not been made.

THE ASSIGNORS here further agree to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any substitutions, divisions, continuations, or continuations-in-part of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested, provided, however that they shall not have to pay any expenses arising from extending such assistance.

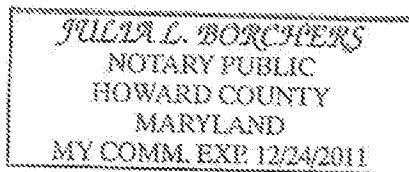
THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

Chao-Wei Hwang SEAL 1/21/2011 DATE
Chao-Wei Hwang

STATE OF MARYLAND)
COUNTY OF Howard)

On this 21 day of January, 2011, before me, the undersigned officer, personally appeared the above-named Chao-Wei Hwang, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.



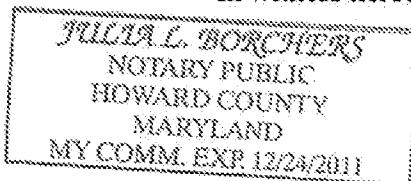
Julia L. Borchers
Signature
Julia L. Borchers
Printed Name

Notary Public
My Commission expires 12/24/2011

George L. Coles, Jr. SEAL 1/19/2011 DATE
George L. Coles, Jr.
STATE OF MARYLAND)
COUNTY OF Howard)

On this 20 day of January, 2011, before me, the undersigned officer, personally appeared the above-named George L. Coles, Jr., known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.



Julia L. Borchers
Signature
Julia L. Borchers
Printed Name

Notary Public
My Commission expires 12/24/2011

Jason J. Benkoski SEAL 1/26/11 DATE
Jason J. Benkoski

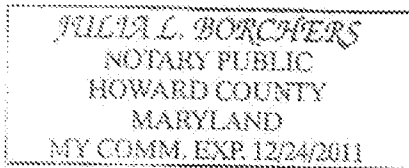
STATE OF MARYLAND
COUNTY OF Howard

On this 26 day of January, 2011, before me, the undersigned officer, personally appeared the above-named Jason J. Benkoski, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Julia L. Borchers
Signature

Julia L. Borchers
Printed Name



Notary Public
My Commission expires 12/24/2011

Morgana M. Trexler SEAL 1/26/11 DATE
Morgana M. Trexler

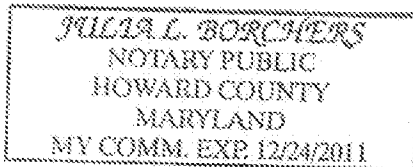
STATE OF MARYLAND
COUNTY OF Howard

On this 26 day of January, 2011, before me, the undersigned officer, personally appeared the above-named Morgana M. Trexler, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Julia L. Borchers
Signature

Julia L. Borchers
Printed Name



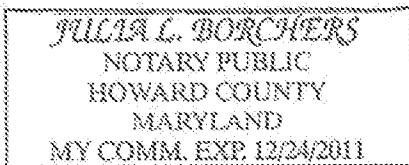
Notary Public
My Commission expires 12/24/2011

Hala J. Tomey SEAL 1/24/2011 DATE
Hala J. Tomey
STATE OF MARYLAND)
COUNTY OF Howard)

On this 24 day of January, 2011, before me, the undersigned officer, personally appeared the above-named Hala J. Tomey, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Julia L. Borchers
Signature
Julia L. Borchers
Printed Name



Notary Public
My Commission expires 12/24/2011

Jon R. Resar SEAL 1/19/11 DATE
STATE OF MARYLAND)
COUNTY OF Baltimore)

On this 19th day of January, 2011, before me, the undersigned officer, personally appeared the above-named Jon R. Resar, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Susan E. Hayden
Signature

Susan E. Hayden
Printed Name

Notary Public
My Commission expires 9/12/2012

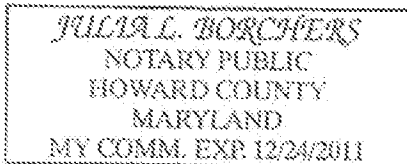
9/12/2012

Robert C. Matteson, III SEAL 1/21/11 DATE
Robert C. Matteson, III

STATE OF MARYLAND)
COUNTY OF Howard)

On this 21 day of January, 2011, before me, the undersigned officer, personally appeared the above-named Robert C. Matteson, III, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.



Julia L. Borchers
Signature
Julia L. Borchers
Printed Name

Notary Public
My Commission expires 12/24/2011