

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the US Application Number from 12/387,585 to 13/387,585 previously recorded on Reel 027722 Frame 0379. Assignor(s) hereby confirms the Assignment from Michael Shuler and Jong Hwan Sung to Cornell University.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Shuler</td> <td>01/19/2012</td> </tr> <tr> <td>Jong Hwan Sung</td> <td>01/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Shuler	01/19/2012	Jong Hwan Sung	01/20/2012						
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Michael Shuler	01/19/2012												
Jong Hwan Sung	01/20/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Cornell University</td> </tr> <tr> <td>Street Address:</td> <td>Cornell Center for Technology, Enterprise & Commercialization (CCTEC)</td> </tr> <tr> <td>Internal Address:</td> <td>395 Pine Tree Road, Suite 310</td> </tr> <tr> <td>City:</td> <td>Ithaca</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14850</td> </tr> </table>		Name:	Cornell University	Street Address:	Cornell Center for Technology, Enterprise & Commercialization (CCTEC)	Internal Address:	395 Pine Tree Road, Suite 310	City:	Ithaca	State/Country:	NEW YORK	Postal Code:	14850
Name:	Cornell University												
Street Address:	Cornell Center for Technology, Enterprise & Commercialization (CCTEC)												
Internal Address:	395 Pine Tree Road, Suite 310												
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Postal Code:	14850												
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>13387585</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13387585								
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Application Number:	13387585												
CORRESPONDENCE DATA													
<p>Fax Number: (315)422-9331 Phone: 315-423-7100 Email: jbrunet@harrisbeach.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Anne M. Schneiderman, Ph.D. Address Line 1: Harris Beach PLLC Address Line 2: 333 West Washington Street, Suite 200 Address Line 4: Syracuse, NEW YORK 13202</p>													
ATTORNEY DOCKET NUMBER:	1258_4601US												

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PATENT
 REEL: 027793 FRAME: 0466

CH \$40.00 13387585

NAME OF SUBMITTER:

Anne M. Schneiderman

Total Attachments: 7

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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Shuler	01/19/2012
Jong Hwan Sung	01/20/2012
RECEIVING PARTY DATA	
Name:	Cornell University
Street Address:	Cornell Center for Technology, Enterprise & Commercialization (CCTEC)
Internal Address:	395 Pine Tree Road, Suite 310
City:	Ithaca
State/Country:	NEW YORK
Postal Code:	14850
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	12387585 13387585
Application Number:	61229575
PCT Number:	US1043743
CORRESPONDENCE DATA	
Fax Number:	(315)422-9331
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Email:	jbrunet@harrisbeach.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:	Anne M. Schneiderman, Ph.D.
Address Line 1:	Harris Beach PLLC
Address Line 2:	333 West Washington Street, Suite 200
Address Line 4:	Syracuse, NEW YORK 13202
ATTORNEY DOCKET NUMBER:	1258_4601US-PCT-PRO

CH \$120.00 12387585



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 20, 2012

PTAS

ANNE M. SCHNEIDERMAN, PH.D.
HARRIS BEACH PLLC
333 WEST WASHINGTON STREET, SUITE 200
SYRACUSE, NY 13202

501824161

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/17/2012

REEL/FRAME: 027722/0379
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1258_4601US-PCT-PRO

ASSIGNOR:
SHULER, MICHAEL

DOC DATE: 01/19/2012

ASSIGNOR:
SUNG, JONG HWAN

DOC DATE: 01/20/2012

ASSIGNEE:
CORNELL UNIVERSITY
CORNELL CENTER FOR TECHNOLOGY,
ENTERPRISE & COMMERCIALIZATION
(CCTEC)
395 PINE TREE ROAD, SUITE 310
ITHACA, NEW YORK 14850

13387585

APPLICATION NUMBER: ~~12387585~~

FILING DATE: 05/04/2009

PATENT NUMBER:

ISSUE DATE:

TITLE: HAND-HELD ELECTRICALLY DRIVEN DRIVE-IN TOOL

APPLICATION NUMBER: 13387585

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US1043743

TITLE: MICROFLUIDIC DEVICE FOR PHARMACOKINETIC-PHARMACODYNAMIC STUDY OF
DRUGS AND USES THEREOF

APPLICATION NUMBER: 61229575

FILING DATE: 07/29/2009

PATENT NUMBER:

ISSUE DATE:

TITLE: MICROFLUIDIC DEVICE FOR PHARMACOKINETIC-PHARMACODYNAMIC STUDY OF
DRUGS AND USES THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

JOINT ASSIGNMENT

WHEREAS, We, Michael Shuler, a United States citizen, residing at 118 Homestead Circle, Ithaca, New York 14850 US, and Jong Hwan Sung a Korean citizen, residing at ~~172 S. Applegate Road, Apartment 5B, Ithaca, New York 14850 US~~ have invented certain new and useful improvements in: X-609, 72-1 Sangsu-dong, Mapo-gu, Seoul.

JHS
1/20/2012
KOREA
121-791

MICROFLUIDIC DEVICE FOR PHARMACOKINETIC-PHARMACODYNAMIC
STUDY OF DRUGS AND USES THEREOF

- ☐ for which an application for Letters Patent in the United States of America is filed herewith.
- ☒ for which application for Letters Patent in the United States of America was filed as Serial No. 61/229,575 on July 29, 2009.

and

MICROFLUIDIC DEVICE FOR PHARMACOKINETIC-PHARMACODYNAMIC
STUDY OF DRUGS AND USES THEREOF

- ☐ for which the undersigned has executed an application for patent in the United States of America on _____ and transmitted herewith.
- ☒ which application for patent was filed on July 29, 2010 and has been assigned Serial No. PCT/US10/43743 by the United States Patent and Trademark Office.

AND WHEREAS, Cornell University, with its principal place of business at Cornell Center for Technology, Enterprise & Commercialization ("CCTEC"), 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Cornell University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Cornell University**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Cornell University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Each of the undersigned hereby grants to any duly empowered legal representative, including specifically all patent practitioners associated with the Customer No. **15204**, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

"S" Signature Option

Michael Shuler

Michael Shuler

01/19/2012

Date

Assignee must type their name between the slashes.

**MICROFLUIDIC DEVICE FOR HARMACOKINETIC-PHARMACODYNAMIC
STUDY OF DRUGS AND USES THEREOF**

Witness Signature Option

Michael Shuler

Date

Witness Signature

Date

Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day
of _____, 2012.

Michael Shuler

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2012, before me personally came the
above-named Michael Shuler, to me personally known as the individual who executed the
same of his own free will for the purposes therein set forth.

Notary Public

Commission expires on _____.

"S" Signature Option

JONG HWAN SUNG
Jong Hwan Sung

1/20/2012
Date

Assignee must type their name between the slashes.

**MICROFLUIDIC DEVICE FOR HARMACOKINETIC-PHARMACODYNAMIC
STUDY OF DRUGS AND USES THEREOF**

Witness Signature Option

JONG HWAN SUNG
Jong Hwan Sung

1/20/2012
Date

[Signature]
Witness Signature

1/20/2012
Date

Jong Bum Lee
Witness Printed Name

Notary Option

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day
of _____, 2012.

Jong Hwan Sung

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2012, before me personally came the
above-named Jong Hwan Sung, to me personally known as the individual who executed the
same of his own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

Witness :

[Signature]
Signature

Lee Ji-Sook
printed name

1/20/2012
Date