

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2855415

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOHN A. ROGERS	03/31/2014
	TAE-IL KIM	04/21/2014
	GUNCHUL SHIN	03/27/2014
	JAEOOONG JEONG	03/27/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	
<b>Street Address:</b>	352 HENRY ADMIN BLDG	
<b>Internal Address:</b>	506 S. WRIGHT STREET	
<b>City:</b>	URBANA	
<b>State/Country:</b>	ILLINOIS	
<b>Postal Code:</b>	61801	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	PCT Number:	US2014015825
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(720)931-3001	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	7209313000	
<b>Email:</b>	BoulderIP@lathropgage.com,lsedlacek@lathropgage.com,cnelson@lathropgage.com	
<b>Correspondent Name:</b>	LATHROP & GAGE LLP	
<b>Address Line 1:</b>	4845 PEARL EAST CIRCLE, SUITE 201	
<b>Address Line 4:</b>	BOULDER, COLORADO 80301	
<b>ATTORNEY DOCKET NUMBER:</b>	553112: 15-13 WO	
<b>NAME OF SUBMITTER:</b>	ADAM J. GIANOLA	
<b>SIGNATURE:</b>	/adamjgianolaREG61485/	
<b>DATE SIGNED:</b>	05/14/2014	
<b>Total Attachments: 10</b>		
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PATENT

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source=15-13\_WO\_TF13015-PCT\_exe\_assign#page10.tif

**ASSIGNMENT**

WHEREAS, I:

1. **John A. ROGERS**, residing at 2803 Valleybrook, Champaign, Illinois, 61822, United States of America;
2. **Tae-il KIM**, residing at Sungkyunkwan U. (SKKU), Sch. Chem. Eng. Rm 25417A, 300 Cehon-cheon dong, Jangan-gu, Suwon, Gyeonggi-do, 440-746, Republic of Korea;
3. **Gunchul SHIN**, residing at FSMRL #258, 104 S. Goodwin Ave., Urbana, Illinois, 61801, United States of America;
4. **Jaewoong JEONG**, residing at 2518 Fields South Drive #203, Champaign, Illinois, 62811, United States of America;

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

**"Injectable and Implantable Cellular-Scale Electronic Devices";**

for which the following patent application(s):

Application Type	Application Serial No.	Filing Date
International Patent Application	PCT/US2014/015825	February 11, 2014

was submitted or filed (the "LISTED APPLICATION");

AND WHEREAS, **The Board of Trustees of the University of Illinois** (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at:

352 Henry Admin Bldg.  
506 S. Wright Street  
Urbana, IL 61801,

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATION, and the LISTED APPLICATION and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon

and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that 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;

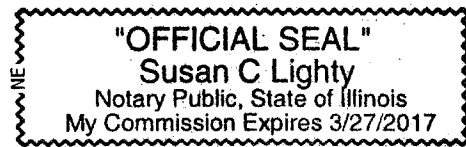
AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

March 31, 2014  
Date

John A. Rogers  
JOHN A. ROGERS

STATE OF ILLINOIS )  
COUNTY OF Champaign ) ss.



BEFORE ME, the undersigned authority, on this 31<sup>st</sup> day of March (month), 2014 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: March 31, 2014  
My Commission expires: 03/27/2017

Susan C. Lighty  
Notary Public

Date: \_\_\_\_\_  
TAE-IL KIM

**Certificate of Witness**

I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness \_\_\_\_\_  
Printed Name of Witness \_\_\_\_\_  
Address of Witness \_\_\_\_\_

Additional Assignors on additional sheets: YES

March 27, 2014  
Date

Gunchul Shin  
**GUNCHUL SHIN**

STATE OF ILLINOIS                    )  
  ) ss.  
COUNTY OF Champaign        )



BEFORE ME, the undersigned authority, on this 27<sup>th</sup> day of March (month),  
2014 (year), personally appeared the above person, known to me to be the person  
whose name is subscribed to this instrument and who acknowledged to me that s/he  
executed the same of his/her own free will for the purposes and consideration herein  
expressed.

Date: March 27, 2014

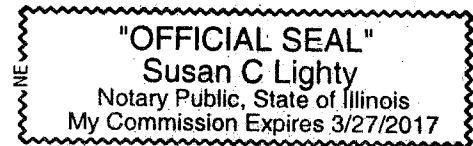
Susan C. Lighty  
Notary Public

My Commission expires: 03/27/2017

March 27, 2014  
Date

Jaewoong Jeong  
**JAEOONG JEONG**

STATE OF ILLINOIS                    )  
  ) ss.  
COUNTY OF Champaign        )



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2014 (year), personally appeared the above person, known to me to be the person  
whose name is subscribed to this instrument and who acknowledged to me that s/he  
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expressed.

Date: March 27, 2014

Susan C. Lighty  
Notary Public

My Commission expires: 03/27/2017

Additional Assignors on additional sheets: NO

## ASSIGNMENT

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1. **John A. ROGERS**, residing at 2803 Valleybrook, Champaign, Illinois, 61822, United States of America;
2. **Tae-il KIM**, residing at Sungkyunkwan U. (SKKU), Sch. Chem. Eng. Rm 25417A, 300 Cehon-cheon dong, Jangan-gu, Suwon, Gyeonggi-do, 440-746, Republic of Korea;
3. **Gunchul SHIN**, residing at FSMRL #258, 104 S. Goodwin Ave., Urbana, Illinois, 61801, United States of America;
4. **Jaewoong JEONG**, residing at 2518 Fields South Drive #203, Champaign, Illinois, 62811, United States of America;

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Urbana, IL 61801,

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NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATION, and the LISTED APPLICATION and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon

and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that 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;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.



\_\_\_\_\_  
Date

\_\_\_\_\_  
JOHN A. ROGERS

STATE OF ILLINOIS )

) ss.

COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_ (month),  
\_\_\_\_\_ (year), personally appeared the above person, known to me to be the person  
whose name is subscribed to this instrument and who acknowledged to me that s/he  
executed the same of his/her own free will for the purposes and consideration herein  
expressed.

Date: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

Date: \_\_\_\_\_

Apr 21. 2014

\_\_\_\_\_  
TAE-IL KIM

**Certificate of Witness**

I acknowledge that I was personally present and did see the above person, who is  
personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness

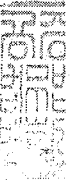
Printed Name of Witness

Address of Witness

\_\_\_\_\_  
CHOI JOONG SUP

540, Dongsuwon-ro Sunon-si, Gyeonggi-do,  
KOREA

Additional Assignors on additional sheets: YES

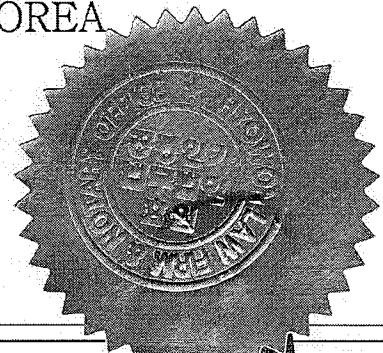


Registered No. 2014 - 2261

# NOTARIAL CERTIFICATE

HYOWON LAW FIRM & NOTARY OFFICE

540, Dongsuwon-ro  
Suwon-si, Gyeonggi-do, KOREA



등부 2014 년 제 2261호

Registered No. 2014-2261

인 증

NOTARIAL CERTIFICATE

TAE - IL, KIM-----

위 위임장-----

에 기재된 김태일-----

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은 본 공증인의 면전에서 위 사서증서에

자기가 서명날인 한 것임을 자인하였다.

personally appeared before me and

admitted his(her) subscription to the

attached ASSIGNMENT-----

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2014년 04월 21일

이 사무소에서 위 인증한다.

This is hereby attested on this

21st day of Apr. 2014 at this office.

공증사무소 명칭

공증  
인가 법무법인 호원

소 속 수원지방검찰청

소재지표시

수원시 영통구 동수원로 540

법조빌딩 1층

Name of the office

HYOWON LAW FIRM & NOTARY OFFICE

Belong to Suwon

District Prosecutor's Office

Address of the office

540, Dongsuwon-ro

Suwon-si, Gyeonggi-do, KOREA

공증인 공증담당변호사

Signature of the Notary Public

Choi Joong Sup

본 사무소는 인가번호 제3790호에 의거하여  
2000년 06월 01일 법무부 장관으로부터  
공증인 업무를 행할 것을 인가 받았다.

This office has been authorized by the  
Minister of Justice, the Republic of  
Korea, to act as Notary Public Since  
1, Jun. 2000 Under Law No.3790.

\_\_\_\_\_  
Date

\_\_\_\_\_  
**GUNCHUL SHIN**

STATE OF ILLINOIS                    )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_ (month),  
\_\_\_\_\_ (year), personally appeared the above person, known to me to be the person  
whose name is subscribed to this instrument and who acknowledged to me that s/he  
executed the same of his/her own free will for the purposes and consideration herein  
expressed.

Date: \_\_\_\_\_  
\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
**JAEOOONG JEONG**

STATE OF ILLINOIS                    )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

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Date: \_\_\_\_\_  
\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

Additional Assignors on additional sheets: NO