

## 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>George COTSARELIS</td> <td>02/09/2012</td> </tr> <tr> <td>Oh Sang KWON</td> <td>02/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	George COTSARELIS	02/09/2012	Oh Sang KWON	02/14/2012				
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George COTSARELIS	02/09/2012										
Oh Sang KWON	02/14/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>The Trustees of the University of Pennsylvania</td> </tr> <tr> <td>Street Address:</td> <td>3160 Chestnut Street- Suite 200</td> </tr> <tr> <td>City:</td> <td>Philadelphia</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19104-6283</td> </tr> </table>		Name:	The Trustees of the University of Pennsylvania	Street Address:	3160 Chestnut Street- Suite 200	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104-6283
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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>13129100</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13129100						
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Application Number:	13129100										
CORRESPONDENCE DATA											
<p>Fax Number: (646)878-0801</p> <p>Phone: 646-878-0800</p> <p>Email: USPTO@pczlaw.com</p> <p><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: Pearl Cohen Zedek Latzer, LLP</p> <p>Address Line 1: 1500 Broadway</p> <p>Address Line 2: 12th Floor</p> <p>Address Line 4: New York, NEW YORK 10036</p>											
ATTORNEY DOCKET NUMBER:	P-71390-US										
NAME OF SUBMITTER:	Andrea Richter										
<p>Total Attachments: 8</p> <p>source=assignment for filing-11APR12#page1.tif</p>											

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**ASSIGNMENT**

In exchange for valuable consideration, and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, COTSARELIS, George residing at 1041 Derwydd Lane, Berwyn, PA 19312, USA, ; KWON, Ohsang residing at Kwon, Ohsang, 275 South Bryn Mawr Avenue, H-44, Bryn Mawr, PA 19010

Hereby sell, assign and transfer to The Trustees of the University of Pennsylvania, located at 3160 Chestnut Street- Suite 200, Philadelphia, PA 19104 its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Application No. 13/129,100, filed May 12, 2011, which is a National Phase Application of PCT International Application No. PCT/US09/64049, PCT International filing date 11-Nov-2009

**FIBROBLAST GROWTH FACTOR-9 PROMOTES HAIR FOLLICLE REGENERATION  
AFTER WOUNDING**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions. I hereby authorize and request the attorney of record of the firm Pearl Cohen Zedek Latzer, LLP, 1500 Broadway, 12<sup>th</sup> Floor, New York, New York 10036, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

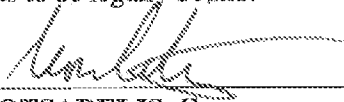
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this

assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**COVENANT** with said Assignee, its successors, assigns and legal representatives that A. written release or promise hereafter made and signed by the person releasing or promising, shall not be invalid or unenforceable for lack of consideration, if the writing also contains an additional express statement, in any form of language, that the signer intends to be legally bound.

2/9/2012  
(month / day / year)

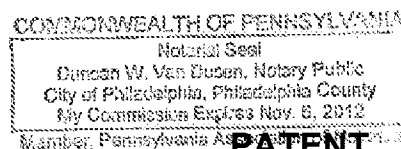
  
COTSARELIS, George

Commonwealth  
STATE OF: Pennsylvania  
COUNTY OF: Philadelphia SS.

Before me, a notary public in and for the State and County aforesaid, on this 9th day of February 2012, personally appeared COTSARELIS, George, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

  
Notary Public

My Commission Expires: 11/6/2012



\_\_\_\_\_  
(month / day / year)

\_\_\_\_\_  
**KWON, Ohsang**

STATE OF: \_\_\_\_\_ :  
: ss.  
COUNTY OF: \_\_\_\_\_ :

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **KWON, Ohsang**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

\_\_\_\_\_  
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**FIBROBLAST GROWTH FACTOR-9 PROMOTES HAIR FOLLICLE REGENERATION  
AFTER WOUNDING**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions. I hereby authorize and request the attorney of record of the firm Pearl Cohen Zedek Latzer, LLP, 1500 Broadway, 12<sup>th</sup> Floor, New York, New York 10036, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this

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**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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\_\_\_\_\_  
(month / day / year)

\_\_\_\_\_  
COTSARELIS, George

STATE OF: \_\_\_\_\_:  
: ss.

COUNTY OF: \_\_\_\_\_:

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **COTSARELIS, George**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

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

My Commission Expires:

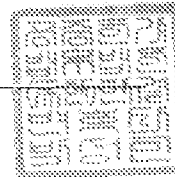
Feb/14/2012  
(month / day / year)

Ohsang Kwon  
KWON, Ohsang

STATE OF: Seoul :  
COUNTY OF: Korea : ss.

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **KWON, Ohsang**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Amgen  
Notary Public



My Commission Expires:



서울특별시 종로구 종로1가 1번지  
교보생명빌딩 9층  
[별지 제42호서식]

공증  
인가 **법무법인(유한) 한결**

(전화) 02-3487-3500

등부 2012 년 제 227호

Registered No. 2012-227

**인 증**

**NOTARIAL CERTIFICATE**

위 양도서-----

KWON, Ohsang-----

에 기재된 권 오 상-----

personally appeared before me and

admitted his(her) subscription to the

attached ASSIGNMENT.-----

은 본 공증인의 면전에서 위 사서증서에  
자기가 서명 한 것임을 자인하였다.

2012년 02월 16일  
이 사무소에서 위 인증한다.

This is hereby attested on this  
16th day of Feb. 2012 at this office.

공증사무소 명칭  
공증 **법무법인(유한) 한결**  
인가


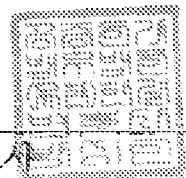
Name of the office  
**HANKYUL LAW FIRM & NOTARY OFFICE**

소 속 서울중앙지방검찰청

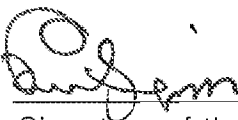
Belong to **Seoul Central**  
**District Prosecutors' Office**

소재지표시  
서울특별시 종로구 종로1가 1번지  
교보생명빌딩 9층

Address of the office  
1, JONGNO 1-GA, JONGNO-GU,  
SEOUL, KOREA

공증인 공증담당변호사  
**박 성 민**

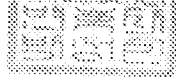


Signature of the Notary Public  
**PARK SUNG MIN**

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

210mm X 297mm  
보존용지(1종) 70g/m<sup>2</sup>

**PATENT**  
**REEL: 028029 FRAME: 0649**



서울특별시 종로구 종로1가 1번지

교보생명빌딩 9층

[별지 제41호서식]

공증  
인가 법무법인(유한) 한결

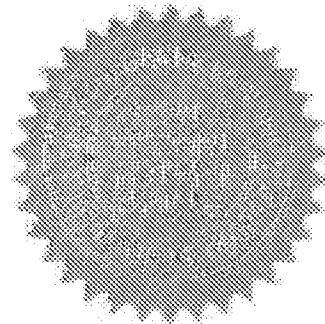
(전화) 02-3487-3500

Registered No. 2012 - 227

## NOTARIAL CERTIFICATE

HANKYUL LAW FIRM & NOTARY OFFICE

1, JONGNO 1-GA, JONGNO-GU,  
SEOUL, KOREA



210mm X 297mm

보존용지(1종) 70g/m<sup>2</sup>