

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAE YOUNG SEONG	07/23/2014
JONG IK HWANG	07/21/2014
WOONG SUN	07/21/2014
EUN BEE CHO	07/21/2014
WON-KI KIM	07/22/2014
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<b>Postal Code:</b>	136-713
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15404011
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<b>ATTORNEY DOCKET NUMBER:</b>	3763.0010003
<b>NAME OF SUBMITTER:</b>	JI-EUN KIM
<b>SIGNATURE:</b>	/Ji-Eun Kim, Reg. No. 68,504/
<b>DATE SIGNED:</b>	01/17/2017
<b>Total Attachments: 9</b>	
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## ASSIGNMENT

**Jae Young SEONG** [INVENTOR/ASSIGNOR], residing at 103-1205 Lotte Woosung Apt., Junggye 1-dong Nowon-gu Seoul 139-918, Republic of Korea and **Jong Ik HWANG** [INVENTOR/ASSIGNOR], residing at 102-406 Sanggrevill Apt., 224 Hawolgok-dong Seongbuk-gu Seoul 136-130, Republic of Korea and **Woong SUN** [INVENTOR/ASSIGNOR], residing at 302-304 Cheongam 3-cha Apt., Junggye 4-dong Nowon-gu Seoul 139-224, Republic of Korea and **Eun Bee CHO** [INVENTOR/ASSIGNOR], residing at 204, Daehak-dong 230-4 Gwanak-gu Seoul 151-858, Republic of Korea and **Won-Ki KIM** [INVENTOR/ASSIGNOR], residing at 31-901 Hanyang Apt., 321, Apgujeong-ro Gangnam-gu, Seoul 135-794, Republic of Korea (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **PHARMACEUTICAL USE OF FAM19A5 INVOLVED IN REGULATING GLIOGENESIS**, and which is a:

- (1)  provisional application  
 (a)  to be filed herewith; or  
 (b)  bearing Application No. , and filed on ;
- (2)  non-provisional application  
 (a)  to be filed herewith; or  
 (b)  bearing Application No. 14/378,505 , and filed on  
 August 13, 2014
- (3)  PCT application  
 (a)  bearing Application No. PCT/KR2013/001179, and  
 filed on February 15, 2013.

**WHEREAS, KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION**, a corporation duly organized under and pursuant to the laws of Republic of Korea, and having its principal place of business at c/o, Korea University, Anam-dong-5-ga 1 Seongbuk-gu Seoul 136-713, Republic of Korea (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these application(s); and any patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by

these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraph (1), (2) and/or (3);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition

proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.



Date: 2014/7/21

By:   
Jong Ik HWANG

State of \_\_\_\_\_ )  
 ) ss.  
 County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_,  
 Notary Public, personally appeared \_\_\_\_\_,  
 who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
 name(s) is/are subscribed to the within instrument and acknowledged to me that  
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
 his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
 which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under  
 PENALTY OF PERJURY under the laws of the State of California that the foregoing  
 paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
 Signature of Notary Public

Place Notary Seal Above

My Commission Expires: \_\_\_\_\_







Date: Jul. 22, 2014

By: Wonki Kim  
Won-Ki KIM

State of \_\_\_\_\_ )  
 ) ss.  
 County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_,  
 Notary Public, personally appeared \_\_\_\_\_  
 who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
 name(s) is/are subscribed to the within instrument and acknowledged to me that  
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
 his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
 which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under  
 PENALTY OF PERJURY under the laws of the State of California that the foregoing  
 paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
 Signature of Notary Public

Place Notary Seal Above

My Commission Expires: \_\_\_\_\_

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