

## 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>Olaf Schneewind</td> <td>11/13/2012</td> </tr> <tr> <td>Alice Cheng</td> <td>11/27/2012</td> </tr> <tr> <td>Dominique Missiakas</td> <td>11/14/2012</td> </tr> <tr> <td>Hwan Keun Kim</td> <td>11/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Olaf Schneewind	11/13/2012	Alice Cheng	11/27/2012	Dominique Missiakas	11/14/2012	Hwan Keun Kim	11/14/2012
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Hwan Keun Kim	11/14/2012										
RECEIVING PARTY DATA											
Name:	The University of Chicago										
Street Address:	5801 South Ellis Avenue										
City:	Chicago										
State/Country:	ILLINOIS										
Postal Code:	60637										
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>13639465</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13639465						
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Application Number:	13639465										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	ARCD.P0494US										
NAME OF SUBMITTER:	Margaret Drake-Studstill										
Total Attachments: 4 source=arcd.p0494us - assignment#page1.tif source=arcd.p0494us - assignment#page2.tif source=arcd.p0494us - assignment#page3.tif source=arcd.p0494us - assignment#page4.tif											

OP \$40.00 13639465

ASSIGNMENT

Pursuant to our obligation to The University of Chicago (hereinafter referred to as “Assignee”), an Illinois not for profit corporation having its principal place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Olaf Schneewind  
5628 South Blackstone Avenue  
Chicago, Illinois 60637

Alice Cheng  
5635 South Maryland Avenue, Apt. #1  
Chicago, Illinois 60637

Dominique M. Missiakas  
5628 South Blackstone Avenue  
Chicago, Illinois 60637

Hwan Keun Kim  
~~906 East 53<sup>rd</sup> Street, Apt. #1~~ HK  
~~Chicago, IL 60615~~ 471 Townsend Cir  
Naperville IL 60565

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled COMPOSITIONS AND METHODS RELATED TO PROTEIN A (SpA) ANTIBODIES AS AN ENHANCER OF IMMUNE RESPONSE for which a United States Non-Provisional Application was filed on October 4, 2012, as Application Serial Number 13/639,465, and claims the benefit of priority of PCT International Application Serial Number PCT/US11/31213, filed on April 5, 2011, and claims the benefit of priority of United States Provisional Application Serial Number 61/321,050, filed on April 5,

2010;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; The effective date of this assignment is December 17, 2009;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon request of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

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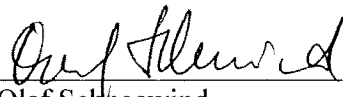
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Olaf Schneewind


  
Witness Signature


Sarah Kim  
Witness Printed Name

Alice Cheng

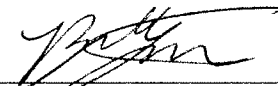
Witness Signature


Witness Printed Name

  
Dominique Missiakas

  
Witness Signature

Sarah Kim  
Witness Printed Name

  
Hwan Keun Kim

  
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Sarah Kim  
Witness Printed Name

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Olaf Schneewind

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Date 11/27/12

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Alice Cheng  
Alice Cheng

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Date 11/27/12

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Witness Signature

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Lee-shun Cheng  
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Date

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Dominique Missiakas

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Hwan Keun Kim

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