

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John G. COLES</td> <td>01/08/2009</td> </tr> <tr> <td>Gregory HANNIGAN</td> <td>01/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	John G. COLES	01/08/2009	Gregory HANNIGAN	01/08/2009
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John G. COLES	01/08/2009						
Gregory HANNIGAN	01/08/2009						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	The Hospital for Sick Children						
<b>Street Address:</b>	555 University Ave.						
<b>City:</b>	Toronto, Ontario						
<b>State/Country:</b>	CANADA						
<b>Postal Code:</b>	M5G 1X8						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11915687</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11915687		
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Application Number:	11915687						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(703)591-5907						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	7035912664						
<b>Email:</b>	Anna.Massimo@Jagtiani.com						
<b>Correspondent Name:</b>	Jagtiani + Guttag						
<b>Address Line 1:</b>	10363A Democracy Lane						
<b>Address Line 4:</b>	Fairfax, VIRGINIA 22030						
<b>ATTORNEY DOCKET NUMBER:</b>	HFSC-0011-UT1						
<b>NAME OF SUBMITTER:</b>	Ajay A. Jagtiani						
<b>Total Attachments: 3</b> source=01-14-09-HFSC-0011-UT1-Executed Assignment#page1.tif source=01-14-09-HFSC-0011-UT1-Executed Assignment#page2.tif source=01-14-09-HFSC-0011-UT1-Executed Assignment#page3.tif							

OP \$40.00 11915687

## Assignment of Application

WHEREAS, I (we), John G. COLES, Gregory HANNIGAN and Huanzhang LU respectively, have invented certain new and useful improvements in:

MODULATION OF THE INTEGRIN LINKED KINASE SIGNALING  
PATHWAY TO PROMOTE CARDIAC CELL PROLIFERATION AND SELF-RENEWAL

or which an application for Letters Patent was executed on November 27, 2007,

(Application No. 11/915,687, Filed November 27, 2007); and

WHEREAS,

The Hospital for Sick Children

hereinafter referred to as "ASSIGNEE"), having a place of business at:

555 University Ave.  
Toronto, Ontario M5G 1X8 Canada

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;


NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue an and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

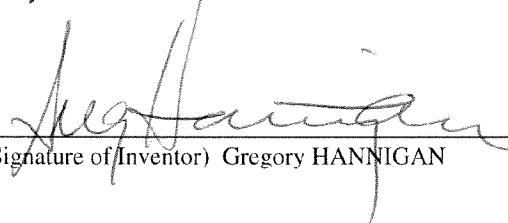
Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representative any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm Jagtiani + Guttag, LLLP, 10363-A Democracy Lane, Fairfax, VA 22030, the power to insert on this Assignment any further identification, including the application number and filing date, which 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.

Date: JAN 08 2009

  
\_\_\_\_\_  
(Signature of Inventor) John G. COLES

Date: JAN 08 2009

  
\_\_\_\_\_  
(Signature of Inventor) Gregory HANNIGAN

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

\_\_\_\_\_  
(Signature of Inventor) Huanzhang LU

**Jagtiani + Guttag, LLLP**  
10363 Democracy Lane  
Fairfax, VA 22030


Docket No.: HFSC-0011-UT1

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Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representative any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

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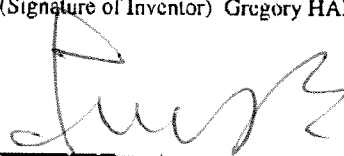
Date: \_\_\_\_\_

  
\_\_\_\_\_  
(Signature of Inventor) John G. COLES

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

\_\_\_\_\_  
(Signature of Inventor) Gregory HANNIGAN

Date: 1-8-09

  
\_\_\_\_\_  
(Signature of Inventor) Huanzhang LU

**Jagtiani + Guttag, LLLP**  
10363 Democracy Lane  
Fairfax, VA 22030