

PATENT ASSIGNMENT

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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>Gregory Hannigan</td> <td>05/13/2013</td> </tr> <tr> <td>Huanzhang Lu</td> <td>04/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Gregory Hannigan	05/13/2013	Huanzhang Lu	04/14/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>John G. Coles</td> </tr> <tr> <td>Street Address:</td> <td>9 Bernard</td> </tr> <tr> <td>City:</td> <td>Toronto, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>M5R1R3</td> </tr> </table>		Name:	John G. Coles	Street Address:	9 Bernard	City:	Toronto, Ontario	State/Country:	CANADA	Postal Code:	M5R1R3
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PROPERTY NUMBERS Total: 2											
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CORRESPONDENCE DATA											
<p>Fax Number: 7035430710 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-988-6370 Email: maryann@alchemy-partners.com Correspondent Name: ALCHEMY-PARTNERS, PC Address Line 1: 5885 Trinity Parkway Address Line 2: Suite 370 Address Line 4: Centreville, VIRGINIA 20120</p>											
ATTORNEY DOCKET NUMBER:	42145.01.0001										
NAME OF SUBMITTER:	Ajay A. Jagtiani										
Signature:	/Ajay A. Jagtiani, Reg. No. 35,205/										

Date:

05/13/2013

Total Attachments: 6

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Assignment of Application

WHEREAS, I (we), Gregory Hannigan; and

Huanzhang Lu;

respectively, have invented certain new and useful improvements in the patent properties listed in the attached Appendix A;

WHEREAS,

John G. Coles

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

9 Bernard
Toronto, Ontario
M5R1R3, Canada

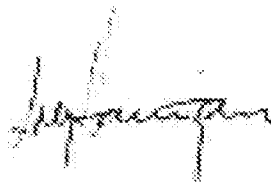
is desirous of acquiring the full and exclusive right in and to said Inventions and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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 Inventions 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 behoove 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 Alchemy-Partners, PC, 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: May 13, 2013_____

Gregory Hannigan

Date:_____

Huanzhang Lu

ALCHEMY-PARTNERS, PC

5885 TRINITY PARKWAY

SUITE 370

CENTREVILLE, VIRGINIA 20120

APPENDIX A

APPLN/PATENT NO.	FILING/ISSUE DATE	TITLE
7,923,218	APRIL 12, 2011	MODULATION OF THE INTEGRIN LINKED KINASE SIGNALING PATHWAY TO PROMOTE CARDIAC CELL PROLIFERATION AND SELF-RENEWAL
13/410,358	MARCH 2, 2012	UPREGULATION OF INTEGRIN LINKED KINASE (ILK) TO PROVIDE CARDIOPROTECTIVE EFFECTS

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John G. Cules

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9 Bernard
Toronto, Ontario
M5R1R3, Canada

is desirous of acquiring the full and exclusive right in and to said Inventions 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;

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Date: _____
Gregory Hannigan

Date: 4/14/2013
Huanzhang Lu

ALCHEMY-PARTNERS, PC

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