

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Laura Maria Calvi</td> <td>09/02/2009</td> </tr> <tr> <td>Regis O'Keefe</td> <td>09/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Laura Maria Calvi	09/02/2009	Regis O'Keefe	09/08/2009						
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Rochester</td> </tr> <tr> <td>Street Address:</td> <td>Office of Technology Transfer</td> </tr> <tr> <td>Internal Address:</td> <td>Box OTT, 601 Elmwood Avenue</td> </tr> <tr> <td>City:</td> <td>Rochester</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14642</td> </tr> </table>		Name:	University of Rochester	Street Address:	Office of Technology Transfer	Internal Address:	Box OTT, 601 Elmwood Avenue	City:	Rochester	State/Country:	NEW YORK	Postal Code:	14642
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (877)769-7945</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (404) 892-5005</p> <p>Email: cff@fr.com</p> <p>Correspondent Name: Tiffany B. Thomas</p> <p>Address Line 1: FISH &amp; RICHARDSON P.C.</p> <p>Address Line 2: P.O.BOX 1022</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>													
ATTORNEY DOCKET NUMBER:	20724-0016US1												
NAME OF SUBMITTER:	Christy Farmer												
<p>Total Attachments: 3</p> <p>source=20724_0016US1Assign#page1.tif</p>													

CH \$40.00 12517885

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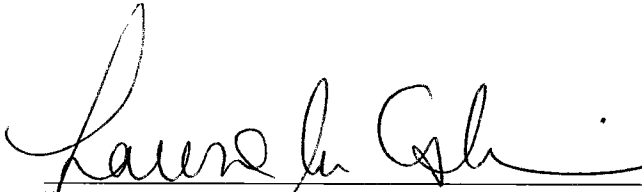
**PATENT**  
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ASSIGNMENT

For valuable consideration, we, LAURA MARIA CALVI, of 1128 Clover Street, Rochester, NY 14610; and REGIS O'KEEFE, of 162 Caversham Woods, Pittsford, NY 14534; hereby assign to UNIVERSITY OF ROCHESTER, having a place of business at Office of Technology Transfer, Box OTT, 601 Elmwood Avenue, Rochester, NY 14642, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled EXPANSION OF HEMATOPOIETIC STEM CELLS, filed June 5, 2009 and assigned U.S. Serial Number 12/517,885, which is a filing under 35 USC §371 of PCT/US2007/086279 filed December 3, 2007, which claims priority to U.S. Provisional Patent Application No. 60/869,200 filed December 8, 2006, this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing dates of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

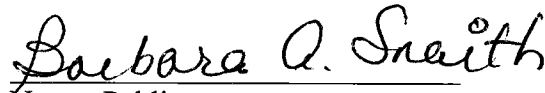
DATE: 9/2/09

  
LAURA MARIA CALVI

STATE OF New York )  
COUNTY OF Monroe ) SS.

On Sept. 2, 2009, before me, the undersigned, a notary public for the State of New York, there personally appeared LAURA MARIA CALVI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.

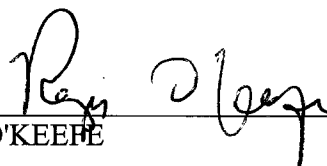
  
Notary Public

BARBARA A. SNAITH  
Notary Public, State of New York  
No. 80-4847212  
Qualified in Monroe County  
Commission Expires Dec. 31, 20 09

DATE:

9/8/09

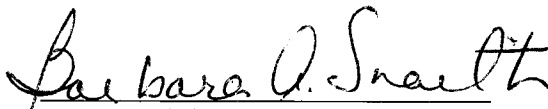
REGIS O'KEEFE



STATE OF New York )  
COUNTY OF Monroe ) SS.

On Sept. 8, 2009, before me, the undersigned, a notary public for the State of New York, there personally appeared REGIS O'KEEFE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public

BARBARA A. SNAITH  
Notary Public, State of New York  
No. 80-4647212  
Qualified in Monroe County  
Commission Expires Dec. 31, 2009

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