

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<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>James A. Thomson</td> <td>06/29/2005</td> </tr> <tr> <td>Ren-He Xu</td> <td>07/01/2005</td> </tr> </tbody> </table>		Name	Execution Date	James A. Thomson	06/29/2005	Ren-He Xu	07/01/2005
Name	Execution Date						
James A. Thomson	06/29/2005						
Ren-He Xu	07/01/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	WiCell Research Institute, Inc.						
<b>Street Address:</b>	PO Box 7365						
<b>City:</b>	Madison						
<b>State/Country:</b>	WISCONSIN						
<b>Postal Code:</b>	53707-7365						
<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>11134564</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11134564		
Property Type	Number						
Application Number:	11134564						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(608)262-6104						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	608-263-7677						
<b>Email:</b>	khanneman@warf.org						
<b>Correspondent Name:</b>	Kathy Hanneman						
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<b>Address Line 4:</b>	Madison, WISCONSIN 53726						
<b>NAME OF SUBMITTER:</b>	Kathy Hanneman						
<b>Total Attachments: 3</b> source=W04001US assignment#page1.tif source=W04001US assignment#page2.tif source=W04001US assignment#page3.tif							

CH \$40.00 11134564

ASSIGNMENT  
(Joint Inventors)

I, one of the persons identified below as an "Inventor", have made solely or jointly with others a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: FEEDER INDEPENDENT EXTENDED CULTURE OF EMBRYONIC STEM  
CELLS

Serial Number: 11/134564

Date Filed: 5-20-2005

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the WiCell Research Institute, Inc. (hereinafter "WiCell") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WiCell shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WiCell's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WiCell may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WiCell any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WiCell and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WiCell, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Ref: W04001US  
WiCell Research Institute, Inc.

PATENT  
REEL: 016326 FRAME: 0527

ASSIGNMENT

WiCell Research Institute, Inc.

Ref: W04001US

App.#: 11/134564, Filed: 5-20-2005

Inventor: 

Date: 6/29/05

James A. Thomson  
1807 Regent St.  
Madison, WI 53705

State of Wisconsin )  
                                  )ss.  
County of Dane        )

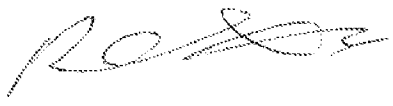
On this 29 day of June, 2005 before me personally appeared James A. Thomson, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public

My Commission expires: May 25, 2008

ASSIGNMENT  
WiCell Research Institute, Inc.  
Ref: W04001US  
App.#: 11/134564, Filed: 5-20-2005

Inventor: 


Date: 7/1/05

Ren-He Xu  
8406 Castle Pines Dr.  
Madison, WI 53717

State of Wisconsin )  
                                  )ss.  
County of Dane )

On this 1st day of July, 2005 before me personally appeared Ren-He Xu,  
known to me to be the person identified above as the "Inventor," who executed the above  
instrument and acknowledged to me that he or she executed the same for the uses and purposes  
therein set forth.



  
Notary Public

My Commission expires: 04/29/2007