PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Connie C. WONG	11/15/2010
Kevin E. LOEWKE	11/08/2010
Thomas M. BAER	11/03/2010
Renee A. REIJO-PERA	12/07/2010
Barry BEHR	12/13/2010

RECEIVING PARTY DATA

Name:	The Board of Trustees of the Leland Stanford Junior University	
Street Address:	1705 El Camino Real	
City:	Palo Alto	
State/Country:	CALIFORNIA	
Postal Code:	94306	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12861571

CORRESPONDENCE DATA

Fax Number: (202)842-7899

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-728-7129

Email: vweedon@cooley.com

Correspondent Name: Alyson C. Fuller

Address Line 1: 777 6th Street, N.W.

Address Line 2: Patent Group

Address Line 4: Washington, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER: AUXO-001/02US 313541-2006

NAME OF SUBMITTER: Alyson C. Fuller

PATENT

REEL: 025500 FRAME: 0021

\$40.00

Total Attachments: 36 source=AUX00102US_Assignment#page1.tif source=AUX00102US Assignment#page2.tif source=AUX00102US_Assignment#page3.tif source=AUX00102US_Assignment#page4.tif source=AUX00102US_Assignment#page5.tif source=AUX00102US Assignment#page6.tif source=AUX00102US_Assignment#page7.tif source=AUX00102US_Assignment#page8.tif source=AUX00102US Assignment#page9.tif source=AUX00102US_Assignment#page10.tif source=AUX00102US_Assignment#page11.tif source=AUX00102US_Assignment#page12.tif source=AUX00102US Assignment#page13.tif source=AUX00102US_Assignment#page14.tif source=AUX00102US_Assignment#page15.tif source=AUX00102US_Assignment#page16.tif source=AUX00102US Assignment#page17.tif source=AUX00102US_Assignment#page18.tif source=AUX00102US_Assignment#page19.tif source=AUX00102US_Assignment#page20.tif source=AUX00102US_Assignment#page21.tif source=AUX00102US_Assignment#page22.tif source=AUX00102US_Assignment#page23.tif source=AUX00102US Assignment#page24.tif source=AUX00102US_Assignment#page25.tif source=AUX00102US_Assignment#page26.tif source=AUX00102US_Assignment#page27.tif source=AUX00102US Assignment#page28.tif source=AUX00102US_Assignment#page29.tif source=AUX00102US_Assignment#page30.tif source=AUX00102US_Assignment#page31.tif source=AUX00102US Assignment#page32.tif source=AUX00102US_Assignment#page33.tif source=AUX00102US_Assignment#page34.tif source=AUX00102US Assignment#page35.tif source=AUX00102US_Assignment#page36.tif

> PATENT REEL: 025500 FRAME: 0022

ASSIGNMENT

Connie C. WONG, residing at Palo Alto, CA; Kevin E. LOEWKE, residing at Menlo Park, CA; Thomas M. BAER, residing at Palo Alto, CA; Renee A. REIJO-PERA, residing at Palo Alto, CA; and Barry BEHR, residing at Palo Alto, CA (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>IMAGING AND EVALUATING EMBRYOS</u>, <u>OOCYTES, AND STEM CELLS</u>, and which is a:

(1)	provision:	al application		
	(a)	to be filed herewith; or		
	(b)	bearing Application No.	, and filed on	; or
(2)	🛛 non-provi	sional application		
	(a)	to be filed herewith; or		
	(b)	bearing Application No. 1	2/861,571, and fi	led on
		August 23, 2010; and PCT A	pplication No.	
		PCT/US10/46343, and filed of	on August 23, 201	0.

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, California 94306 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperator Treaty;

- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 11/13/2010 By:
Connie C. WONG
· ·
State of Massachusetts
State of Massachusetts County of Norfolk On November 15, 2010, before me, Connie C. W. Notary Public, personally appeared Connie C. Wong,
On November 15, 2010, before me, Connie C.W.
Notary Public, personally appeared <u>Connie C. Wong</u> ,
personally known to me or proved to me on the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Kate & Helbian Publicum
Signature of Notary Public Place Notary Seal Above
My Commission Expires: June 22, 2012

Date: By:			
•	Kevin E. LOEWKE		
State of			
County of) ss.			
County of			
On, before me,	,		
Notary Public, personally appeared			
personally known to me or proved to me on the basis of satisfactory evidence, to be the			
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to			
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that			
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of			
which the person(s) acted, executed the instrument.			
WITNESS my hand and official seal.			
Signature of Notary Public	Place Notary Seal Above		
My Commission Expires:			

Date: By:			
	Thomas M. BAER		
State of)			
State of			
personally known to me or proved to me on the basis of satisfactory evidence, to be the			
person(s) whose name(s) is/are subscribed to the with	in instrument and acknowledged to		
me that he/she/they executed the same in his/her/thei	ir authorized capacity(ies), and that		
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of			
which the person(s) acted, executed the instrument.			
WITNESS my hand and official seal.			
Signature of Notary Public	Place Notary Seal Above		
My Commission Expires:			

Date: By:			
	Rene A. REIJO-PERA		
State of			
County of) ss.			
On, before me,			
Notary Public, personally appeared	,		
personally known to me or proved to me on the basis of satisfactory evidence, to be the			
person(s) whose name(s) is/are subscribed to the wi	ithin instrument and acknowledged to		
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that			
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of			
which the person(s) acted, executed the instrument.			
WITNESS my hand and official seal.			
Signature of Notary Public	Place Notary Seal Above		
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My Commission Expires:			

Date:	By:
	Barry BEHR
State of)	
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactor	y evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and ack	mowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies),	and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beh	alf of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

ASSIGNMENT

Connie C. WONG, residing at Palo Alto, CA; Kevin E. LOEWKE, residing at Menlo Park, CA; Thomas M. BAER, residing at Palo Alto, CA; Renee A. REIJO-PERA, residing at Palo Alto, CA; and Barry BEHR, residing at Palo Alto, CA (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>IMAGING AND EVALUATING EMBRYOS</u>, <u>OOCYTES</u>, <u>AND STEM CELLS</u>, and which is a:

(1)	provision (a) (b)	al application to be filed herewith; or bearing Application No.	, and filed on	; or
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August 23, 2010; an			pplication No.	

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, California 94306 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

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- (a) the Invention(s);
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- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

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Date: By:			
	Connie C. WONG		
State of			
State of) <i>ss.</i>			
County of)			
On, before me,	•		
Notary Public, personally appeared			
personally known to me or proved to me on the basis of satisfactory evidence, to be the			
person(s) whose name(s) is/are subscribed to the	within instrument and acknowledged to		
me that he/she/they executed the same in his/her/	their authorized capacity(ies), and that		
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of			
which the person(s) acted, executed the instrument.			
WITNESS my hand and official seal.			
	_		
Signature of Notary Public	Place Notary Seal Above		
My Commission Expires:	_		

Date: 11/8/10 By: Kitch
Kevin E. LOEWKE
State of
On, before me,
personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Signature of Notary Public Place Notary Scal Above
My Commission Expires:

Date: By:
Thomas M. BAER
State of
County of) ss.
On, before me,,
Notary Public, personally appeared,
personally known to me or proved to me on the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that
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WITNESS my hand and official seal.
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

Date: By:	
•	Rene A. REIJO-PERA
State of) ss.	
County of)	
On , before me,	
Notary Public, personally appeared	
personally known to me or proved to me on the b	easis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the v	within instrument and acknowledged to
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by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
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Mr. Commission Funiture	
My Commission Expires:	_

Date: B:	y:
	Barry BEHR
State of	, Notary
Public, personally appeared	
to me or proved to me on the basis of satisfactory is/are subscribed to the within instrument and ackresame in his/her/their authorized capacity(ies), a instrument the person(s), or the entity upon beha instrument.	r evidence, to be the person(s) whose name(s) nowledged to me that he/she/they executed the and that by his/her/their signature(s) on the
WITNESS my hand and official seal. Signature of Notary Public	Place Notary Seal Above
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(1)	provision	al application		
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- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

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Date: H	By:
	Connie C. WONG
State of) ss.	:
State of)	
	me,,
Notary Public, personally appeared	,
personally known to me or proved to me on	the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to	the within instrument and acknowledged to
me that he/she/they executed the same in his	s/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrumen	t the person(s), or the entity upon behalf of
which the person(s) acted, executed the instru	ment.
WITNESS my hand and official seal.	
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Signature of Notary Public	Place Notary Seal Above
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My Commission Expires:	
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Date: By:	
•	Kevin E. LOEWKE
State of	
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County of)	
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Notary Public, personally appeared	
personally known to me or proved to me on the	basis of satisfactory evidence, to be the
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WITNESS my hand and official seal.	
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Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

Date: _	11/3/2010	By:	Mones	nomas M. BAER
	of California)) ss. y of Santa Clara)			
On No Thoma eviden and ac capaci	ovember 3, 2010, before me, I as M. Baer, personally known ace, to be the person(s) whose cknowledged to me that he/she ity(ies), and that by his/her/their upon behalf of which the person	to me or pr name(s) is/ /they execur r signature(s	oved to me on are subscribed ted the same in a) on the instrum	the basis of satisfactory to the within instrument his/her/their authorized ment the person(s), or the
Signa	NESS my hand and official seal. Ature of Notary Public Commission Expires: September			MARY J. WOLF Commission # 1811475 Notary Public - California Santa Clara County My Comm. Expires Sep 25, 2012 ICE NOTARY Seal Above

Date: By:	
	Rene A. REIJO-PERA
State of)	
County of) ss.	
On, before me, _	
Notary Public, personally appeared	,
personally known to me or proved to me on the basis	s of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the with	in instrument and acknowledged to
me that he/she/they executed the same in his/her/thei	
by his/her/their signature(s) on the instrument the per-	son(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date:	By:
	Barry BEHR
State of)	
State of	
On, before	me,, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisf	actory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and	d acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(i	es), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon	behalf of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
	·
My Commission Expires:	

ASSIGNMENT

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		August 23, 2010; and PCT A	pplication No.	
		PCT/US10/46343, and filed of	on August 23, 201	0.

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, California 94306 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

State of	Date: By: _	
On		Connie C. WONG
On		
On	State of	
On) ss.	
Notary Public, personally appeared, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of	County of)	
personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of	On, before me,	
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of	Notary Public, personally appeared	
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of	personally known to me or proved to me on the b	asis of satisfactory evidence, to be the
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of	person(s) whose name(s) is/are subscribed to the v	vithin instrument and acknowledged to
	me that he/she/they executed the same in his/her/t	their authorized capacity(ies), and that
which the person(s) acted, executed the instrument.	by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of
	which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	WITNESS my hand and official seal.	
		_
Signature of Notary Public Place Notary Seal Above	Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	My Commission Expires:	

Date:	By:
	By: Kevin E. LOEWKE
State of)	
County of) ss.	
County of	
On, be	efore me,,
Notary Public, personally appeared	
personally known to me or proved to m	e on the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscrib-	ed to the within instrument and acknowledged to
me that he/she/they executed the same	in his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instr	ument the person(s), or the entity upon behalf of
which the person(s) acted, executed the i	instrument.
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date: By:	
	Thomas M. BAER
State of	
State of) ss.	
County of	
On, before m	e,,
Notary Public, personally appeared	,
personally known to me or proved to me on the	basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the	within instrument and acknowledged to
me that he/she/they executed the same in his/he	er/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the	e person(s), or the entity upon behalf of
which the person(s) acted, executed the instrume	nt.
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	<u> </u>

7	Rene A. REJO PERA
State of)	
County of	
On, before me,	1973 1975 1974 1975 1975 1975 1974 1975 1975 1975 1975 1975 1975 1975 1975
Notary Public, personally appeared	
personally known to me or proved to me on the basis	of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the within	in instrument and acknowledged to
me that he/she/they executed the same in his/her/their	r authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the pers	son(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date: B	y:
	Barry BEHR
State of)	
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactory	v evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acki	nowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), a	and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beha	
instrument.	•
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

ASSIGNMENT

Connie C. WONG, residing at Palo Alto, CA; Kevin E. LOEWKE, residing at Menlo Park, CA; Thomas M. BAER, residing at Palo Alto, CA; Renee A. REIJO-PERA, residing at Palo Alto, CA; and Barry BEHR, residing at Palo Alto, CA (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>IMAGING AND EVALUATING EMBRYOS</u>, **OOCYTES, AND STEM CELLS**, and which is a:

(1)	provision	al application		
	(a)	to be filed herewith; or		
	(b)	bearing Application No.	, and filed on	; or
(2)	non-prov	sional application		
, ,	(a)	to be filed herewith; or		
	(b)	bearing Application No. 1	2/861,571, and fi	led on
		August 23, 2010; and PCT A	pplication No.	
		PCT/US10/46343, and filed of	on August 23, 201	0.

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, California 94306 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

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PATENT REEL: 025500 FRAME: 0051

- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

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The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: By:	
	Connie C. WONG
State of) ss.	
County of) ss.	
On, before me,	
Notary Public, personally appeared	,
personally known to me or proved to me on the b	asis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the v	vithin instrument and acknowledged to
me that he/she/they executed the same in his/her/	their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument	
WITNESS my hand and official seal.	
	-
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

Date:	By:
	Kevin E. LOEWKE
State of	
County of) ss.	
County of	
On, befo	ore me,,
Notary Public, personally appeared _	
personally known to me or proved to me	on the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed	d to the within instrument and acknowledged to
me that he/she/they executed the same in	h his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instru	ment the person(s), or the entity upon behalf of
which the person(s) acted, executed the in	strument.
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date:	By:
	Thomas M. BAER
State of)	
State of) ss.	
County of)	
On, bet	fore me,,
Notary Public, personally appeared	
personally known to me or proved to me	e on the basis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribe	ed to the within instrument and acknowledged to
me that he/she/they executed the same i	n his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instru	ment the person(s), or the entity upon behalf of
which the person(s) acted, executed the in	nstrument.
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date: By:	
•	Rene A. REIJO-PERA
State of)	
County of) ss.	
On, before me,	
Notary Public, personally appeared	
personally known to me or proved to me on the b	pasis of satisfactory evidence, to be the
person(s) whose name(s) is/are subscribed to the v	within instrument and acknowledged to
me that he/she/they executed the same in his/her/	their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument	
WITNESS my hand and official seal.	
	-
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

Date: By:
Barry BEHR
State of)
On, before me,, Notary
Public, personally appeared, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

ple use see Calgainea all-Rupase acknowledgment.

State of California)
Sonta Clara.	Tucauline T. Laskey Notary Public Here Insert Name and Title of the Officer Roher + Behr. Name(s) of Signer(s)
county of	
on December 13, before me.	JUCQUERE T. Laskey, Notary Public
Date	Here Insert Name and Title of the Officer
personally appeared	Kohert Behr.
,	ivanie(s) or signer(s)
AA	
	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
	within instrument and acknowledged to me that
	he/she/they executed the same in his/her/their authorized
	capacity(ies), and that by his/her/their signature(s) on the
JACQULINE T. LASKEY	instrument the person(s), or the entity upon behalf of
COMM. # 1885554 O	which the person(s) acted, executed the instrument.
MY COMM. EXP. APR. 10, 2014	I certify under PENALTY OF PERJURY under the laws
	of the State of California that the foregoing paragraph is
•	true and correct.
	WITNESS my hand and official seal.
	Our and the of Lander
Place Notary Seal Above	Signature Jucqueline J. Laskey Signature of Notary Public
,	OPTIONAL ————————
Though the information below is not required be and could prevent fraudulent remove	by law, it may prove valuable to persons relying on the document al and reattachment of this form to another document.
Description of Attached Document	
Title or Type of Document: Attorne	ey DOCKET NO. AUXO - 001/02 US 13, 2006 Number of Pages 2 3/3541-6
Document Date: <u>De cem Kor</u>	13, 2006 Number of Pages
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
X Individual	☐ Individual
□ Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General	HUMBPRINT Partner — Limited General RIGHT THUMBPRINT
Attorney in Fact OF S	SIGNER Attorney in Fact OF SIGNER
Irustee	☐ Irustee
Guardian or Conservator	☐ Guardian or Conservator
□ Other:	Other:
Signar Is Bonresenting:	Signer Is Representing:
Signer Is Representing:	organic to representing
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RECORDED: 12/14/2010