

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4014042

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEM A. EFE	01/21/2014
JANGHWAN KIM	12/07/2013
SAIYONG ZHU	01/14/2014
SIMON HILCOVE	01/27/2015
SHENG DING	01/28/2015
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<b>Internal Address:</b>	MAIL TPC-8
<b>City:</b>	LA JOLLA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92037
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15072769
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	077103-1003892 (004220US)
<b>NAME OF SUBMITTER:</b>	MELANIE J. HITCHCOCK
<b>SIGNATURE:</b>	/ Melanie J. Hitchcock /
<b>DATE SIGNED:</b>	08/18/2016

**Total Attachments: 6**

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**PATENT**

**REEL: 039479 FRAME: 0869**

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Jem A. Efe of San Diego, CA; Janghwan Kim of San Diego, CA; Saiyong Zhu of San Diego, CA; Simon Hilcove of Vancouver, Canada; and Sheng Ding of Orinda, CA, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention: REPROGRAMMING OF CELLS TO A NEW FATE

Filing Date: June 14, 2011 and December 13, 2012

Application No.: PCT/US11/40390 and 13/704,214; and


WHEREAS, The Scripps Research Institute, a corporation of the United States, located at Office of Patent Counsel, 10550 North Torrey Pines Road, Mail TPC-8, La Jolla, CA 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Jan. 21, 2014

  
\_\_\_\_\_  
Jem A. Efe

Dated: \_\_\_\_\_

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Janghwan Kim

Dated: \_\_\_\_\_

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Saiyong Zhu

Dated: \_\_\_\_\_

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Simon Hilcove

Dated: \_\_\_\_\_

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Sheng Ding

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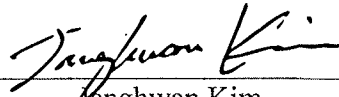
Attorney Docket Nos.: 77103-004210PC-807454  
77103-004210US-860259  
Client Reference Nos.: TSRI 1441.3PCT/FT10046P  
TSRI 1441.0 / FT10024P

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

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Jem A. Efe

Dated: 12/07/13

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Sanghwan Kim

Dated: \_\_\_\_\_

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Saiyong Zhu

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Simon Hilcove

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Attorney Docket Nos.: 77103-004210PC-807454  
77103-004210US-860259  
Client Reference Nos.: TSRI 1441.3PCT/FT10046P  
TSRI 1441.0 / FT10024P

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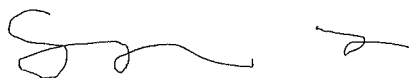
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Attorney Docket Nos.: 77103-004210PC-807454  
77103-004210US-860259  
Client Reference Nos.: TSRI 1441.3PCT/FTI0046P  
TSRI 1441.0 / FTI0024P

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

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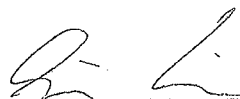
Dated: \_\_\_\_\_

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Janghwan Kim

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Saiyong Zhu

Dated: Jan 27, 2015



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Simon Hilcove

Dated: \_\_\_\_\_

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Sheng Ding

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Janghwan Kim

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Saiyong Zhu

Dated: \_\_\_\_\_

\_\_\_\_\_  
Simon Hilcove

Dated: 01/28/2015

  
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Sheng Ding

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