

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Case Western Reserve University	11/22/2011
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Name:	Howard Dean
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Postal Code:	446-712
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7747305
CORRESPONDENCE DATA	
Fax Number:	4088776177

OP \$40.00 7747305

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ATTORNEY DOCKET NUMBER:	4368-002.5
NAME OF SUBMITTER:	Michael A. Davitz
Signature:	/Michael A Davitz/
Date:	04/29/2013

Total Attachments: 6

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PATENT ASSIGNMENT AND LICENSE AGREEMENT

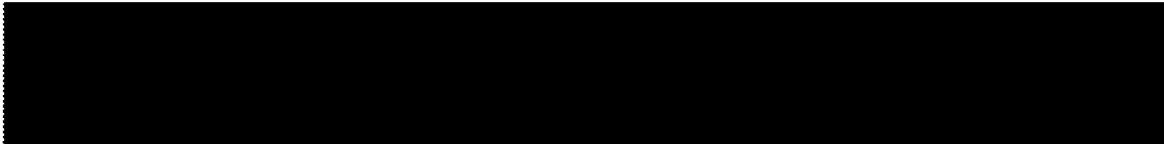
This Patent Assignment and License Agreement (hereinafter the "Agreement") is made and entered into as of this 22nd day of November, 2011 ("Effective Date"), by and between Case Western Reserve University, an Ohio non-profit corporation having a place of business at 10900 Euclid Avenue, Cleveland, OH 44106 ("CWRU" or "Assignor") and Howard David Dean, Robert Ratcheson and Kyoung-June Min ("Assignees").

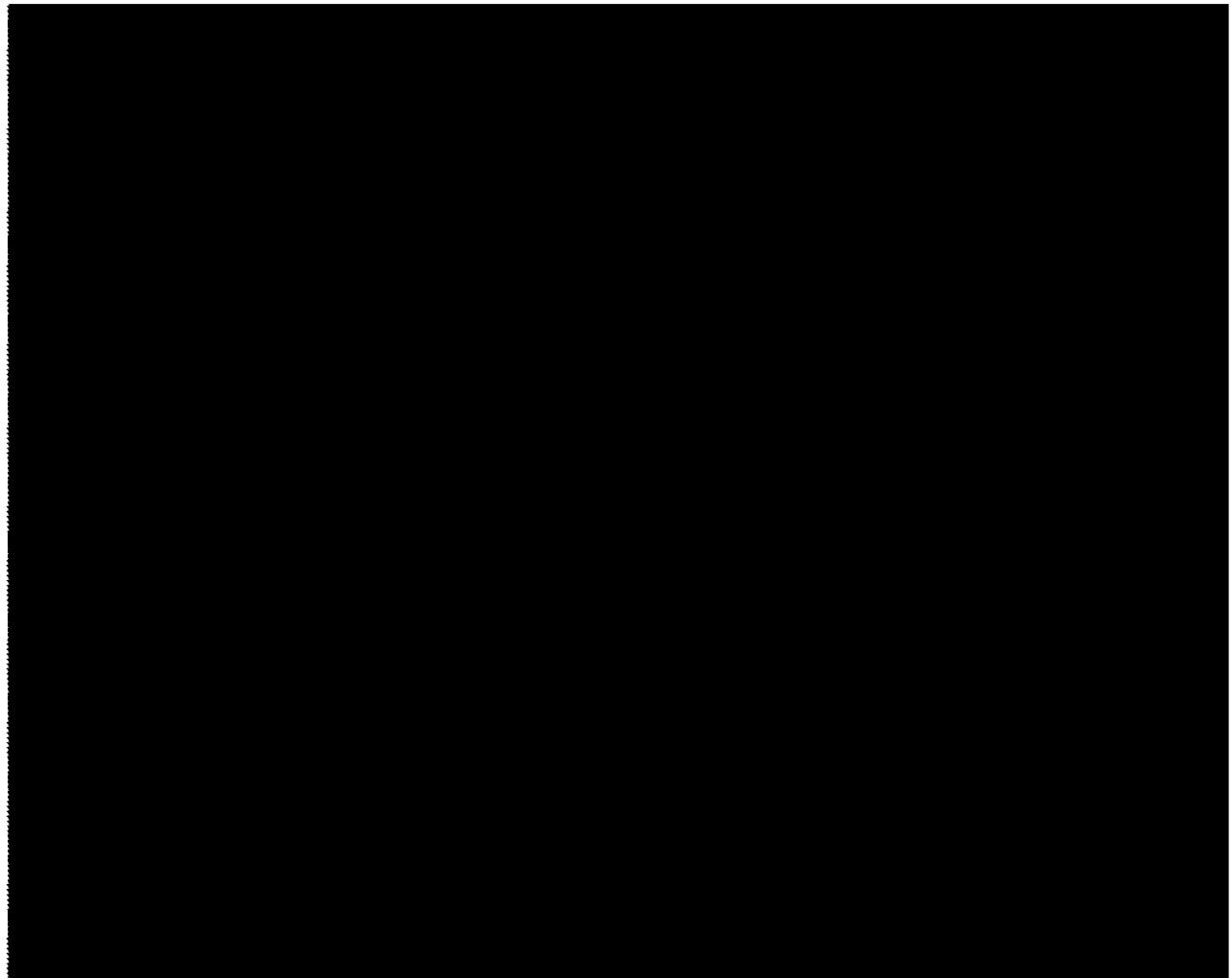
WHEREAS, Assignor owns the entire right, title, and interest in and to the United States Patents listed in Attachment A hereto ("Patents"); and

WHEREAS, Assignees desire to acquire from Assignors, and the Assignors desire to assign, all of Assignors right, title, and interest in and to the Patents.

NOW THEREFORE, with the intent to be legally bound hereby, the parties agree as follows:

1. CWRU hereby sells, assigns, transfers, and conveys to the Assignees its entire right, title, and interest in and to the Patents, together with the right to recover past, present, and future infringements and violations thereof.

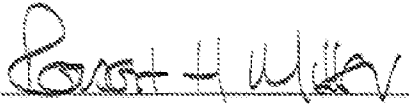
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3. Assignees shall use commercially reasonable efforts to develop, or have developed, and offer, or have offered, for sale commercial products and/or services covered by one or more claims of the Patents.
 4. Assignees hereby grant to CWRU and its affiliates a fully paid, royalty-free, perpetual, non-cancelable, non-sublicensable, non-assignable license to make, have made, develop, have developed, use, import, have imported and otherwise fully to exploit the Patents for non-commercial academic, research and development, or non-commercial patient care purposes.
 5. Assignees shall have the entire right to recover for all the past, present, and future infringements and violations of the Patents.
 6. Assignees shall be responsible for the maintenance of the Patents at their sole expense.
- 



IN WITNESS WHEREOF, with the intent to be legally bound hereby, the parties hereto have duly executed this Agreement the day and year first written above.

[SIGNATURES ON THE FOLLOWING PAGE]

Case Western Reserve University

By: 

Name: Robert H. Miller, PhD
Vice President

Title: Research & Technology Management
Case Western Reserve University

Date: _____

By: 

Name: John D. Wheeler,
Senior Vice President
for Administration

Title: _____

Date: 10/12/12

Assignees

By: 

Name: Howard David Dean

Date: April 23, 2012

By: _____

Name: _____

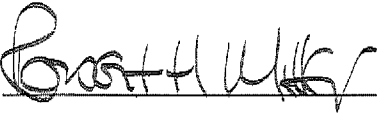
Date: _____

By: _____

Name: _____

Date: _____

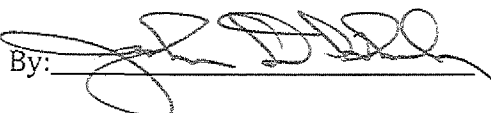
Case Western Reserve University

By: 

Name: Robert H. Miller, PhD
Vice President

Title: Research & Technology Management
Case Western Reserve University

Date: _____

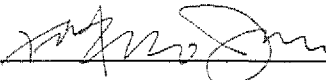
By: 

Name: John D. Wheeler,
Senior Vice President
for Administration

Title: _____

Date: 10/12/12

Assignees

By: 

Name: KYOUNG-JUNE HIN

Date: 4/24/2012

By: _____

Name: _____

Date: _____

By: _____

Name: _____

Date: _____

Case Western Reserve University

By: Robert H. Miller

Name: Robert H. Miller, PhD
Vice President

Title: Research & Technology Management
Case Western Reserve University

Date: _____

By: John D. Wheeler

Name: John D. Wheeler,
Senior Vice President
for Administration

Title: _____

Date: 10/12/12

Assignees

By: Robert A. Ratcherson MD

Name: Robert A. Ratcherson MD

Date: 1/15/12

By: _____

Name: _____

Date: _____

By: _____

Name: _____

Date: _____

ATTACHMENT A - PATENTS

United States Patent 7,747,305

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