

# 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>	
<b>Name</b>	<b>Execution Date</b>
Richard A. Hopkins	10/22/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Children's Mercy Hospital
<b>Street Address:</b>	2401 Gillham Road
<b>City:</b>	Kansas City
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	64108
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12483196
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(816)753-1536
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	uspt@polsinelli.com
<b>Correspondent Name:</b>	Tracey Truitt
<b>Address Line 1:</b>	700 W. 47th Street, Suite 1000
<b>Address Line 4:</b>	Kansas City, MISSOURI 64112
<b>ATTORNEY DOCKET NUMBER:</b>	40080
<b>NAME OF SUBMITTER:</b>	Tracey S. Truitt
<b>Total Attachments: 2</b> source=ExecutedAssign#page1.tif source=ExecutedAssign#page2.tif	

CH \$40.00 12483196

500999123

**PATENT**  
**REEL: 023430 FRAME: 0696**

## ASSIGNMENT

WHEREAS, I, Richard A. Hopkins, of 2401 Gillham Road, Kansas City, Missouri 64108, have invented certain new and useful improvements in

SOLUTIONS FOR TISSUE ENGINEERING AND METHODS OF USE,

which is the subject of U.S. Patent Application No. 12/483,196, filed June 11, 2009; and

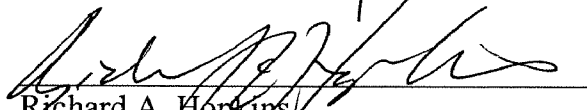
WHEREAS, The Children's Mercy Hospital, a corporation duly organized under the laws of the State of Missouri, and having its principal place of business at 2401 Gillham Road, Kansas City, Missouri 64108, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Richard A. Hopkins, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said The Children's Mercy Hospital, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Application;
- (b) said Application Serial No. 12/483,196 filed June 11, 2009;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

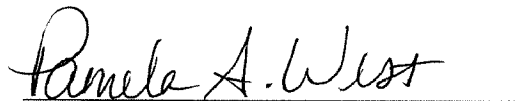
ALL of the above shall be held and enjoyed by said The Children's Mercy Hospital for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Executed this 22 day of October, 2009.

  
Richard A. Hopkins

STATE OF Missouri )  
 ) SS.  
COUNTY OF Jackson )

On this 22<sup>nd</sup> day of October, 2009, before me personally appeared Richard A. Hopkins, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: March 5, 2013



PAMELA A. WEST  
NOTARY PUBLIC - STATE OF MISSOURI  
JACKSON COUNTY  
MY COMMISSION EXPIRES MAR. 5, 2013