

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4102187

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	BENJAMIN FRYER	08/15/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	JANSSEN BIOTECH, INC.	
<b>Street Address:</b>	800/850 RIDGEVIEW DRIVE	
<b>City:</b>	HORSHAM	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	19044	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	13211951	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(732)524-2808	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	7325243967	
<b>Email:</b>	JNJUSPATENT@CORUS.JNJ.COM	
<b>Correspondent Name:</b>	JOHNSON & JOHNSON	
<b>Address Line 1:</b>	ONE JOHNSON & JOHNSON PLAZA	
<b>Address Line 4:</b>	NEW BRUNSWICK, NEW JERSEY 08933	
<b>ATTORNEY DOCKET NUMBER:</b>	CEN5294	
<b>NAME OF SUBMITTER:</b>	LAURIE A. TUMMARELLO	
<b>SIGNATURE:</b>	/Laurie A. Tummarello/	
<b>DATE SIGNED:</b>	10/18/2016	
<b>Total Attachments: 2</b>		
source=CEN5294AssignmentAsFiled#page1.tif		
source=CEN5294AssignmentAsFiled#page2.tif		

A S S I G N M E N T

Serial No.  
Filed

WHEREAS, BENJAMIN FRYER residing at 199 Grandview Road, Skillman, NJ 08558 (hereinafter called "Assignor"), has made certain new and useful inventions or discoveries relating to

DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

for which an application for United States Patent was filed on August 31, 2010; and

WHEREAS, Janssen Biotech, Inc., a corporation of the Commonwealth of Pennsylvania, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

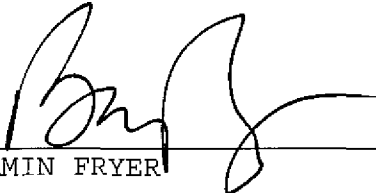
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made;

And Assignor hereby authorizes and requests the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignor covenants and agrees with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title he warrants unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignor further covenants and agrees that he will, whenever requested, but without cost to him promptly communicate to said Assignee or its representatives any facts known to him relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set their hand and seal this *15th* day of *August* 2011

  
\_\_\_\_\_  
BENJAMIN FRYER (L.S.)

STATE OF ) *New Jersey*  
                  ) ss.  
COUNTY OF ) *Somerset*

BE IT REMEMBERED, That on this *15th* day of *August* 2011, before me, a Notary Public, personally appeared BENJAMIN FRYER who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

  
\_\_\_\_\_  
Notary Public

PATRICIA E. OLIVO  
ID 2269902  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 22, 2015