

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3472228

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JANET DAVIS	02/12/2010
CHRISTINE PARMENTER	02/12/2010
KEVIN DITOLVO	02/12/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CENTOCOR ORTHO 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>	12970365
<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>	CEN5280
<b>NAME OF SUBMITTER:</b>	LAURIE A. RUSSO
<b>SIGNATURE:</b>	/LAURIE A. RUSSO/
<b>DATE SIGNED:</b>	08/06/2015
<b>Total Attachments: 4</b>	
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A S S I G N M E N T

Serial No.  
Filed

WHEREAS, JANET DAVIS, CHRISTINE PARMENTER and KEVIN DITOLVO residing at 199 Grandview Road, Skillman, NJ 08558, 199 Grandview Road, Skillman, NJ 08558, and 199 Grandview Road, Skillman, NJ 08558 respectively (hereinafter called "Assignors"), have 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 December 23, 2009; and

WHEREAS, Centocor Ortho 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, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their 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 Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 12 day of February, 2010

Janet Davis (L.S.)  
JANET DAVIS

STATE OF NJ )  
COUNTY OF Somerset ) ss.

BE IT REMEMBERED, That on this 12 day of February, 2010, before me, a Notary Public, personally appeared JANET DAVIS 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.

Mary Frances W. \_\_\_\_\_  
Notary Public

**PATENT**  
**REEL: 036266 FRAME: 0498**

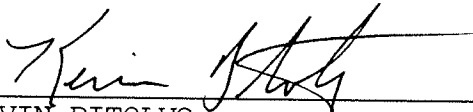
  
CHRISTINE PARMENTER (L.S.)

STATE OF NJ,  
COUNTY OF Somerset ) ss.

BE IT REMEMBERED, That on this 12 day of February, 2010, before me, a Notary Public, personally appeared CHRISTINE PARMENTER 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.

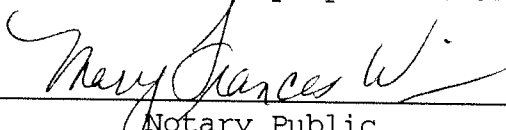
  
Notary Public

MARY FRANCES WIESNER  
Notary Public, State of New Jersey  
No. 2285314  
Commission Expires March 13, 2012

  
\_\_\_\_\_  
KEVIN DITOLVO (L.S.)

STATE OF NJ,  
COUNTY OF Somerset ) ss.

BE IT REMEMBERED, That on this 12 day of February, 2010, before me, a Notary Public, personally appeared KEVIN DITOLVO 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

MARY FRANCES WIESNER  
Notary Public, State of New Jersey  
No. 2285314  
Commission Expires March 13, 2012