

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JILL CARTON</td> <td>04/15/2010</td> </tr> <tr> <td>JIN LU</td> <td>04/15/2010</td> </tr> <tr> <td>BERNARD J. SCALLON</td> <td>04/13/2010</td> </tr> <tr> <td>LINDA SNYDER</td> <td>04/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	JILL CARTON	04/15/2010	JIN LU	04/15/2010	BERNARD J. SCALLON	04/13/2010	LINDA SNYDER	04/14/2010
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JILL CARTON	04/15/2010										
JIN LU	04/15/2010										
BERNARD J. SCALLON	04/13/2010										
LINDA SNYDER	04/14/2010										
RECEIVING PARTY DATA											
Name:	CENTOCOR ORTHO BIOTECH INC.										
Street Address:	800/850 RIDGEVIEW DRIVE										
City:	HORSHAM										
State/Country:	PENNSYLVANIA										
Postal Code:	19044										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12738453</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12738453						
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Application Number:	12738453										
CORRESPONDENCE DATA											
Fax Number:	(215)628-5897										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	ERIC DICHTER										
Signature:	/Eric Dichter/										

Date:

10/04/2013

Total Attachments: 4

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A S S I G N M E N T

Serial No.  
Filed

WHEREAS, Jill Carton, Jin Lu, Bernard J. Scallon and Linda Snyder, all with a place of business at Radnor, Pennsylvania; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

"Vectors, Host Cells, and Methods of Production and Uses"

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, CENTOCOR ORTHO BIOTECH INC., a corporation of the State 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;





