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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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

Property Type	Number
Application Number:	12738453

CORRESPONDENCE DATA

Fax Number: (215)628-5897

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 215-628-7966

Email: JNJUSPATENT@CORUS.JNJ.COM

Correspondent Name: ERIC DICHTER

Address Line 1: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

	PATENT
Signature:	/Eric Dichter/
NAME OF SUBMITTER:	ERIC DICHTER
ATTORNEY DOCKET NUMBER:	CEN5199USPCT

REEL: 031349 FRAME: 0244

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Date:	10/04/2013
Total Attachments: 4 source=ExecAsign#page1.tif source=ExecAsign#page2.tif source=ExecAsign#page3.tif source=ExecAsign#page4.tif	

ASSIGNMENT

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, ITBEKNOWN that for and 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;

And for the consideration aforesaid, further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, 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, the Assignor has hereunto set her hand and seal this $\sqrt{5}^{\prime\prime}$ day of day of April , 20010

STATE OF Pennsylvania)

) ss.

COUNTY OF Delaware

BE IT REMEMBERED, That on this /5" day of April 2000 , before me, a Notary Public, personally appeared Jill Carton, who I am satisfied is the person named herein and who executed the foregoing instrument in my presence, and I having

first made known to her the contents thereof, acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Deborah L. Pishock, Notary Public Radnor Twp., Delaware County My Commission Expires Oct. 14, 2013

Member, Perinsylvania Association of Notaries

IN TESTIMONY WHEREOF, the Assignor has hereunto set his hand and seal this 15 day of Mpril, 2000.
JIN LU (L.S.)
STATE OF Pennsylvania)) ss. COUNTY OF Delaware)
BE IT REMEMBERED, That on this /5 day of Apri , , 2000, before me, a Notary Public, personally appeared Jin Lu, who I am satisfied is the person named herein and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Deborah L. Pishock, Notary Public Radnor Twp., Delaware County My Commission Expires Oct. 14, 2013 Member, Pennsylvania Association of Notaries
IN TESTIMONY WHEREOF, the Assignor has hereunto set his hand and seal this 13th day of how, 2000. Bennal J. Scallon (L.S.)
STATE OF Pennsylvania)) ss. COUNTY OF Delawar)
BE IT REMEMBERED, That on this oday of Jpn/, 2000, before me, a Notary Public, personally appeared Bernard J. Scallon, who I am satisfied is the person named herein and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Deborah L. Pishock, Notary Public Radnor Twp., Delaware County My Commission Expires Oct. 14, 2013 Member, Pennsylvania Association of Notaries

IN TESTIMONY WHEREOF, the Assignor has hereunto set her hand and seal this iy^{th} day of April, 200c.

LINDA SNYDER (L.S.

STATE OF Pennsylvania)

) ss.

COUNTY OF Delawar

BE IT REMEMBERED, That on this $/9^{1/4}$ day of $/9^{1/4}$, 2000, before me, a Notary Public, personally appeared Linda Snyder, who I am satisfied is the person named herein and who executed the foregoing instrument in my presence, and I having first made known to her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Deborah L. Pishock, Notary Public
Radnor Twp., Delaware County
My Commission Expires Oct. 14, 2013

Member, Pennsylvania Association of Notaries

Notary Public

PATENT REEL: 031349 FRAME: 0249

RECORDED: 10/04/2013