

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Leonard I. Zon</td><td>04/25/2011</td></tr><tr><td>Trista E. North</td><td>05/01/2011</td></tr></tbody></table>		Name	Execution Date	Leonard I. Zon	04/25/2011	Trista E. North	05/01/2011				
Name	Execution Date										
Leonard I. Zon	04/25/2011										
Trista E. North	05/01/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>CHILDREN'S MEDICAL CENTER CORPORATION</td></tr><tr><td>Street Address:</td><td>55 Shattuck Street</td></tr><tr><td>City:</td><td>Boston</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02115</td></tr></table>		Name:	CHILDREN'S MEDICAL CENTER CORPORATION	Street Address:	55 Shattuck Street	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02115
Name:	CHILDREN'S MEDICAL CENTER CORPORATION										
Street Address:	55 Shattuck Street										
City:	Boston										
State/Country:	MASSACHUSETTS										
Postal Code:	02115										
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>12294344</td></tr></tbody></table>		Property Type	Number	Application Number:	12294344						
Property Type	Number										
Application Number:	12294344										
CORRESPONDENCE DATA											
Fax Number: (617)345-1300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 617-345-6057											
Email: hallan@nixonpeabody.com											
Correspondent Name: David Resnick											
Address Line 1: 100 Summer Street											
Address Line 2: Nixon Peabody LLP											
Address Line 4: Boston, MASSACHUSETTS 02110											
ATTORNEY DOCKET NUMBER:	701039-056534-US										
NAME OF SUBMITTER:	Tari Mills										
Total Attachments: 4 source=701039-056534-US Assignment - CMCC#page1.tif source=701039-056534-US Assignment - CMCC#page2.tif source=701039-056534-US Assignment - CMCC#page3.tif source=701039-056534-US Assignment - CMCC#page4.tif											

CH \$40.00 12294344

ASSIGNMENT

WHEREAS, WE, **Leonard I. Zon**, a United States citizen, residing at 6 Frost Circle, Wellesley, MA 02482; and **Trista E. North**, a United States citizen, residing at 200 Maple Street, West Roxbury, MA 02132; have invented certain new and useful improvements in **METHOD TO MODULATE HEMATOPOIETIC STEM CELL GROWTH**, which can be found in U.S. Serial Number 12/294,344 filed July 10, 2009, and naming us as inventors;

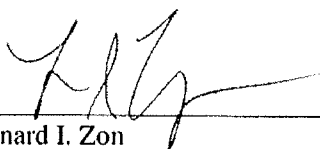
AND WHEREAS, **Children's Medical Center Corporation**, a Massachusetts corporation, with its principal place of business at 55 Shattuck Street, Boston, Massachusetts 02115, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I, Leonard I. Zon, hereunto set my signature this 25th day of April, 2011.



Leonard I. Zon

IN TESTIMONY WHEREOF, I, Trista E. North, hereunto set my signature this ____ day of _____, 2011.

Trista E. North

Attorney's Docket No.: 701039-056534-US
U.S. Serial No. 12/294,344

ASSIGNMENT

WHEREAS, WE, **Leonard I. Zon**, a United States citizen, residing at 6 Frost Circle, Wellesley, MA 02482; and **Trista E. North**, a United States citizen, residing at ~~200 Maple Street, West Roxbury, MA 02132~~; have invented certain new and useful improvements in **METHOD TO MODULATE HEMATOPOIETIC STEM CELL GROWTH**, which can be found in U.S. Serial Number 12/294,344 filed July 10, 2009, and naming us as inventors;

9 Duxbury Rd
Nashua Center
MA 02459
TFW

AND WHEREAS, **Children's Medical Center Corporation**, a Massachusetts corporation, with its principal place of business at 55 Shattuck Street, Boston, Massachusetts 02115, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue Patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Children's Medical Center Corporation**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Attorney's Docket No.: 701039-056534-US
U.S. Serial No. 12/294,344

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I, Leonard I. Zon, hereunto set my signature this ____ day
of _____, 2011.

Leonard I. Zon

IN TESTIMONY WHEREOF, I, Trista E. North, hereunto set my signature this 1st day
of May, 2011.


Trista E. North