

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Paolo De Coppi</td><td>12/18/2004</td></tr><tr><td>Anthony Atala</td><td>11/23/2004</td></tr></tbody></table>	Name	Execution Date	Paolo De Coppi	12/18/2004	Anthony Atala	11/23/2004	
Name	Execution Date						
Paolo De Coppi	12/18/2004						
Anthony Atala	11/23/2004						
RECEIVING PARTY DATA							
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>10495419</td></tr></tbody></table>	Property Type	Number	Application Number:	10495419			
Property Type	Number						
Application Number:	10495419						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Address Line 4:	Boston, MASSACHUSETTS 02110						
NAME OF SUBMITTER:	Debra J. Kellom						
Total Attachments: 4 source=DOC#page1.tif source=DOC#page2.tif source=DOC#page3.tif source=DOC#page4.tif							

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PATENT
REEL: 016100 FRAME: 0295

ASSIGNMENT

WHEREAS, WE, Anthony Atala, a United States citizen, residing at 2661 Reynolds Drive, Winston-Salem, NC 27104-1927, and Paolo De Coppi, an Italian citizen, residing at via Dante 19, 31025 Santa Lucia di Piave, Treviso, Italy, have invented certain new and useful improvements in the METHODS OF ISOLATION, EXPANSION AND DIFFERENTIATION OF FETAL STEM CELLS FROM CHORIONIC VILLUS, AMNIOTIC FLUID, AND PLACENTA AND THERAPEUTIC USES THEREOF for which we have executed an application for Letters Patent in the United States, filed as 10/495,419 as a U.S. National Phase Entry Under 35 U.S.C. §371 of International Application No. PCT/US02/36966, filed November 15, 2002 which designated the U.S. and which claims benefit of and can be found in U.S. Provisional Application Serial No. 60/335,878 filed November 15, 2001 and U.S. Provisional Application Serial No. 60/356,295 filed February 13, 2002;

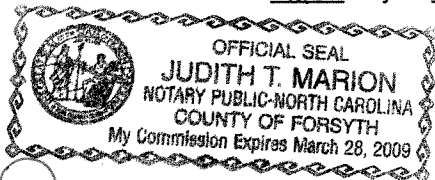
AND WHEREAS, Children's Medical Center Corporation, a Massachusetts corporation, with its principal place of business at 55 Shattuck Street, Boston, Massachusetts 02115, desired to acquire the entire right, title and interest in and to the said Application:


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 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 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 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 us 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 the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110, 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, Anthony Atala, hereunto set my hand and seal this 23 day of Nov, 2004.





Anthony Atala


IN TESTIMONY WHEREOF, I, Paolo De Coppi, hereunto set my hand and seal this _____ day of _____, 2004.

Paolo De Coppi

Attorney's Docket No.: 701039-052157

ASSIGNMENT

WHEREAS, WE, Anthony Atala, a United States citizen, residing at 2661 Reynolds Drive, Winston Salem, NC 27104-1927, and Paolo De Coppi, an Italian citizen, residing at via Dante 19, 31025 Santa Lucia di Piave, Treviso, Italy, have invented certain new and useful improvements in the METHODS OF ISOLATION, EXPANSION AND DIFFERENTIATION OF FETAL STEM CELLS FROM CHORIONIC VILLUS, AMNIOTIC FLUID, AND PLACENTA AND THERAPEUTIC USES THEREOF for which we have executed an application for Letters Patent in the United States, filed as 10/495,419 as a U.S. National Phase Entry Under 35 U.S.C. §371 of International Application No. PCT/US02/36966, filed November 15, 2002 which designated the U.S. and which claims benefit of and can be found in U.S. Provisional Application Serial No. 60/335,878 filed November 15, 2001 and U.S. Provisional Application Serial No. 60/356,295 filed February 13, 2002;

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.

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Attorney's Docket No.: 701039-052157

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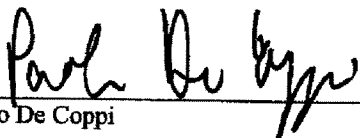
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The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the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

IN TESTIMONY WHEREOF, I, Anthony Atala, hereunto set my hand and seal this ____ day of _____, 2004.

Anthony Atala

IN TESTIMONY WHEREOF, I, Paolo De Coppi, hereunto set my hand and seal this 18th day of DECEMBER, 2004.



Paolo De Coppi