

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Howard Hughes Medical Institute	10/19/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Children's Medical Center Corporation
<b>Street Address:</b>	55 Shattuck Street
<b>City:</b>	Boston
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02115
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11453283
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<b>ATTORNEY DOCKET NUMBER:</b>	701039-056661
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<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, Howard Hughes Medical Institute, a Delaware corporation, with its principal place of business at 4000 Jones Bridge Road, Chevy Chase, MD 20815-6789 has invented certain new and useful improvements in METHODS FOR EXTENDING THE REPLICATIVE LIFESPAN OF CELLS for which we have executed an application for Letters Patent in the United States, U.S. Serial No. 11/453,283 filed on June 14, 2006 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 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(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 WITNESS WHEREOF, I have hereunto set hand and seal this 19 day of  
October, 2006.

Howard Hughes Medical Institute

Typed/Printed Name of Assignor

Date: 10/19/06

  
Signature

Frederick W. Alt

Typed/Printed Name of the above person  
authorized to sign on behalf of Assignor

As an Agent of Howard Hughes Medical Institute

Title