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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Please record the attached original documents or copy thereof.			
1.	Name of conveying party(ies): Andrew N. Makarovskiy (witnessed: 11/8/00)	2.	Name and address of receiving party(ies) Name: Rhode Island Hospital, A LifeSpan Partner
3.	Additional name(s) of conveying party(ies) attached? Thes No Nature of conveyance:		Internal Address:
	Assignment Merger Security Agreement Change of Name Other		Street Address: 593 Eddy Street Providence, Rhode Island 02903
			Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A. Patent Application No(s): B. Patent No(s): 09/603,453			
5.	Name and address of party to whom correspondence Concerning document should be mailed: Name: Ingrid A. Beattie Address: MINTZ, LEVIN, COHN, FERRIS GLOVSKY and POPEO, P.C. One Financial Center Boston, MA 02111	6. 7.	Total number of applications and patents involved: [1] Total fee (37 CFR 3.41) \$40.00 Enclosed The Commissioner is authorized to charge Deposit Account No: 50-0311, Reference No. 21486-040
DO NOT USE THIS SPACE			
9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Ingrid A. Beattie, Reg. No. 42,306			
Tot	Name of Person Signing Signal number of pages including cover sheet, attachments, and document: [3	nature	Date

Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 011293 FRAME: 0937 Express Mail Label No. EK611845353US Date of Deposit: November 15, 2000

ASSIGNMENT

I, Andrew N. Makarovskiy, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to Rhode Island Hospital, A LifeSpan Partner, a Providence, Rhode Island corporation, with offices at 593 Eddy Street, Providence, RI 02903 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

COMPOSITIONS FOR IDENTIFICATION AND ISOLATION OF STEM CELLS

filed with the U.S. Patent and Trademark Office on June 22, 2000 and assigned Serial No. 09/603,453, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

PATENT REEL: 011293 FRAME: 0938 I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

My commission expires

MARGARET M. McGILL NOTARY PUBLIC COMMISSION EXPIRES 11/12/2001

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RECORDED: 11/16/2000

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