

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yale University</td><td>03/09/2010</td></tr></tbody></table>	Name	Execution Date	Yale University	03/09/2010	
Name	Execution Date				
Yale University	03/09/2010				
RECEIVING PARTY DATA					
Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government				
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)				
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City:	Bethesda				
State/Country:	MARYLAND				
Postal Code:	20892-7980				
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>11579284</td></tr></tbody></table>	Property Type	Number	Application Number:	11579284	
Property Type	Number				
Application Number:	11579284				
CORRESPONDENCE DATA					
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PATENT
REEL: 024057 FRAME: 0909

License to the United States Government

Invention Title: Expansion of Hematopoietic Stem Cells

Patent or Application Serial No.: US 12/517,885

U.S. Filing/Issue Date: December 3, 2007

Grant/Contract Identification Number(s): DK069563 and DK064381

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14 or FAR 52.227-11**, which are included among the terms of the above-identified grant/contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 03 day of March, 2010.

By Marjorie D. Hunter
Marjorie D. Hunter, Associate Vice President, Office of Technology Transfer

For UNIVERSITY OF ROCHESTER

At

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