PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
CALIFORNIA INSTITUTE OF TECHNOLOGY	01/31/2000

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)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09425462

CORRESPONDENCE DATA

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Total Attachments: 1

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PATENT REEL: 021332 FRAME: 0390

1073501-99-0006



License to the United States Government

Intention Title:

Stem Cells in Low Oxygen Culture

Inventors:

Marie Csete, Barbara Wold, David Anderson & Sean Morrison

Patent or Application Serial No:

09/425,624

US Filing/Issue Date:

10/22/1999

Grant/Contract Identification No:

NIH-5T32GM07616, AR40780, AR42671,

AG14435

Foreign Applications filed/intended in (countries):

All members including US

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 Public Health Service/National Institute of Health. 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 patent and re-issues granted thereon throughout the world; and
- 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 here by granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology 1200 E. California Boulevard Pasadena, California 91125

Dated: January 31, 2000

Adam Cochran

The Intellectual Property Counsel

CIT File No: 2726-CIP1

PATENT REEL: 021332 FRAME: 0391

RECORDED: 08/01/2008