

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2952019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES	11/27/2013
RECEIVING PARTY DATA	
Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12830709
CORRESPONDENCE DATA	
Fax Number:	(703)292-9041
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	nsfpatents@nsf.gov
Correspondent Name:	NATIONAL SCIENCE FOUNDATION
Address Line 1:	4201 WILSON BLVD
Address Line 2:	ROOM 1265
Address Line 4:	ARLINGTON, VIRGINIA 22230
NAME OF SUBMITTER:	DANA THIBODEAU
SIGNATURE:	/DT/
DATE SIGNED:	07/24/2014
Total Attachments: 1 source=17#page1.tif	

License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: A system of expansion and analysis of the surface phenotype of cultured hematopoietic stem cells

Inventor(s): Harvey Lodish, Chengcheng Zhang

U.S. Filing/Issue Date: 07/06/2010

Patent or Application Serial No.: 12/830,709

Grant/Contract Number(s): EEC9843342

Foreign Applications filed/intended in (countries): _____

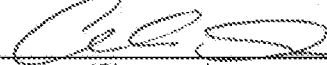
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. 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 that 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 27th day of November, 2013.

By Carla DeMaria
Director of IP & Sponsored Programs
(Institutional Business Official)


(Signature)

Title _____

For WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
(Grantee/Contractor Organization)

At 9 Cambridge Center CAMBRIDGE, MASSACHUSETTS 02142 US
(Business Address)

PATENT