

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3171130

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
NORTHWESTERN UNIVERSITY	07/20/2010
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: 2	
Property Type	Number
Application Number:	12833534
PCT Number:	US2010041534
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:	01/06/2015
Total Attachments: 1 source=180#page1.tif	

NU28133 Formal Title: Cardioprotective Role of Hepatic Cells and Hepatocyte Secretory Factors in Myocardial Ischemia

License to the United States Government

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

Invention Title: Hepatic Cell-Mediated Cardioprotection in Ischemic Injury

Inventor(s): Shu Q Liu

U.S. Filing/Issue Date: 7/9/2010

Patent or Application Serial No.: 12/833,534

Grant/Contract Number(s): BES0401781

Foreign Applications filed/intended in (countries): PCT/US2010/041534 filed 7/9/2010

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:

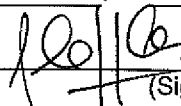
1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted 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 20 day of July, 20 10.

By Alicia I. Loffler, Ph.D.

(Name of Grantee/Contractor Official)



(Signature)

Title Associate VP and Executive Director, Innovation and New Ventures Office
(INVO)

For NORTHWESTERN UNIVERSITY

(Grantee/Contractor Organization)

At 633 Clark Street Attn: Technology Transfer Program (1800 Sherman) Evanston, IL 60208

US

(Business Address)