

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gary L. Andersen	10/29/2010
Ping . Hu	10/29/2010
RECEIVING PARTY DATA	
Name:	U.S. Department of Energy
Street Address:	1000 Independence Avenue, S.W.
Internal Address:	GC-62, 6F-048
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20585-0162
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12526312
CORRESPONDENCE DATA	
Fax Number:	(202)586-7127
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-586-2810
Email:	katherine.baldwin@hq.doe.gov
Correspondent Name:	Katherine Baldwin
Address Line 1:	1000 Independence Avenue, S.W.
Address Line 2:	GC-62, 6F-048
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20585-0162
ATTORNEY DOCKET NUMBER:	S-111,985
NAME OF SUBMITTER:	Katherine Baldwin
Total Attachments: 3 source=S-111985-Executed-Assignment#page1.tif source=S-111985-Executed-Assignment#page2.tif source=S-111985-Executed-Assignment#page3.tif	

CH \$40.00 12526312

U.S. Department of Energy
Patent Assignment Form

12/526312

Whereas, we, Gary L. Anderson and Ping Hu

have invented certain new and useful improvements in :

Heavy Metal Biosensor

, for which we are about to file an application for United States Letters Patent, identified as S- 111,985

and;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to said invention and in and to any Letters Patent wherever they may be issued thereon;

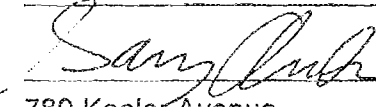
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved and we agree that we will encounter or in which they may become involved and we agree that we will aid the Government of the United States in every way in protecting the inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

Inventor:

Full name of Inventor: Gary L. Andersen

Inventor's signature:



Date 10/29/10

Street Address: 780 Keeler Avenue

City, State: Berkeley, CA 94708

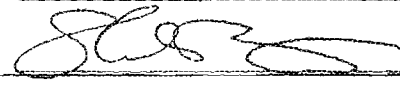
Citizenship: US

Witness to Signature:

Full name of Witness:

Sharon Elsa Borglin

Witness' Signature:

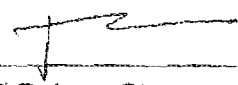


Date 10/29/10

Inventor:

Full name of Inventor: Ping Hu

Inventor's signature:



Date 10/29/10

Street Address: 108 Palmer Street

City, State: San Ramon, CA 94583

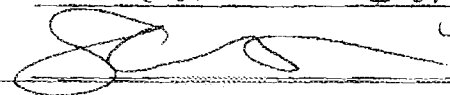
Citizenship: US

Witness to Signature:

Full name of Witness:

Sharon Elsa Borglin

Witness' Signature:



Date 10/29/10

Contractor Approval and Consent:

Full Name: Michelle Chew Wong

Signature: *Michelle Chew Wong* Date 11/10/2010

Title: Patent Attorney, authorized Representative
on behalf of The Regents of the University
of California

Witness to Signature:

Full name of Witness: Sharon Kay Reineman

Witness' Signature: *Sharon Kay Reineman* Date 11/10/2010

Government Acceptance:

Accepted for the Benefit of the Government of the United States.

Full Name: John T. Lucas

Signature: *John T. Lucas* Date 9/11/2010

Title: Assistant General Counsel for Technology
Transfer and Intellectual Property

Witness to Signature:

Full name of Witness: *Katherine Baldwin*

Witness' Signature: *Katherine Baldwin* Date 9-24-11