

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

## RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

### Submission Type

☒ New

☐ Resubmission (Non-Recordation)  
Document ID#

☐ Correction of PTO Error  
Reel #  Frame #

☐ Corrective Document  
Reel #  Frame #

### Conveyance Type

☐ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☒ Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

☒ Departmental File ☐ Secret File

### Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) <input type="text" value="California Institute of Technology"/>	Execution Date Month Day Year <input type="text" value="3/10/2004"/>
Name (line 2) <input type="text"/>	
<b>Second Party</b>	
Name (line 1) <input type="text"/>	Execution Date Month Day Year <input type="text"/>
Name (line 2) <input type="text"/>	

### Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) <input type="text" value="U.S. Department of Energy"/>	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2) <input type="text"/>	
Address (line 1) <input type="text" value="P.O. Box 808, L-376"/>	
Address (line 2) <input type="text"/>	
Address (line 3) <input type="text" value="Livermore"/> <input type="text" value="CA"/> <input type="text" value="94550"/>	
City State/Country Zip Code	

### Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
70008111 REEL: 014572 FRAME: 0737

FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

(925)422-4367

Name William C. Daubenspeck

Address (line 1) U.S. Department of Energy

Address (line 2) Lawrence Livermore National Laboratory

Address (line 3) P.O. Box 808, MS L-376

Address (line 4) Livermore, CA 94550

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 1

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

10/735,148

If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 0.00

Method of Payment:

Enclosed ☐Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐No ☒

## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.

Janet L. Rego

Name of Person Signing

Signature

Date

Mr. William C. Daubenspeck, Patent Attorney  
Department of Energy, National Nuclear Security Administration  
Office of Chief Counsel, Intellectual Property Law Division  
Livermore Office, P.O. Box 808, L-376  
Livermore, CA 94550

PATENT

REEL: 014572 FRAME: 0738

**CONFIRMATORY LICENSE***Patent Application Filed in the Name of the Contractor***Title: Metallic Glass Matrix Composites Formed by  
Chemical Partitioning****Inventor(s): Charles C. Hays; William L. Johnson;  
Choong Paul Kim****Contract Number: DE FG03-89ER452421****Contractor: California Institute of  
Technology****DOE Docket Number: [Docket Number]****U.S. Patent Application: 10/735,148****Filing Date: 12/12/2003**

**Foreign patent applications filed or intended to be filed at contractor's expense in (countries):**

WHEREAS, the above-identified contract provides the Contractor with the right to elect to retain title in certain inventions and the Contractor has reported the above-identified invention as a subject invention under the contract, has elected to retain title therein, and has agreed to file a domestic patent application thereon, if not previously filed.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

March 10, 2004

CALIFORNIA INSTITUTE OF TECHNOLOGY

By: 

Adam Cochran

The Intellectual Property Counsel