

**CAR**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**S-134,767**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Brown University  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: United States Department of Energy  
Internal Address: \_\_\_\_\_  
Street Address: 1000 Independence Ave. S.W.  
City: Washington  
State: D.C.  
Country: USA Zip: 20585  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) January 6, 2011  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_


**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s) \_\_\_\_\_  
B. Patent No.(s) 5,844,684  
  
Additional numbers attached?  Yes  No

**6. Total number of applications and patents involved:** 1

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Michael J. Dobbs  
Internal Address: U. S. Dept. of Energy, IPLD  
Street Address: 9800 S. Cass Ave.  
City: Argonne  
State: IL Zip: 60439  
Phone Number: 630-252-2164  
Fax Number: 630-252-2779  
Email Address: Confirmatory.License@ch.doe.gov

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:**  12/5/2013  
Signature Date  
Michael J. Dobbs #58,093 Total number of pages including cover sheet, attachments, and documents: **2**  
Name of Person Signing

## License to the United States Government

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

Invention Title: OPTICAL METHOD FOR DETERMINING THE MECHANICAL PROPERTIES OF A MATERIAL

Inventor(s): Robert J. Stoner, Humphrey J. Maris

U.S. Filing/Issue Date: 12/01/1998

Patent or Application Serial No.: 5844684

Grant/Contract Number(s): DE-FG02-86ER45267

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 6<sup>th</sup> day of January, 20 11.

By Katherine Gordon  
(Institutional Business Official)

Katherine Gordon  
(Signature)

Title Managing Director, Technology Ventures Office

For BROWN UNIVERSITY  
(Grantee/Contractor Organization)

At 47 George Street Providence, RI 02912 US  
(Business Address)