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**PSL** **RECORDATION FORM COVER SHEET** **S-130,022**  
**PATENTS ONLY**

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**1. Name of conveying party(ies)**  
VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.  
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  
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**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 01/23/2013  
 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)  
13/292,410  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Mark P. Dvorscak  
Internal Address: U. S. Dept. of Energy, IPLD  
Street Address: 9800 S. Cass Ave  
City: Argonne  
State: IL Zip: 60439  
Phone Number: 630-252-2393  
Fax Number: 630-252-2779  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**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 \_\_\_\_\_  
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**9. Signature:** [Signature] 4/15/2013  
Signature Date  
Michael J. Dobbs #58,093  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140; or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**



**Department of Energy**  
**Office of Science • Chicago Office • Intellectual Property Law Division**  
**9800 South Cass Avenue Argonne, Illinois 60439**  
**(630) 252-2171 Voice • (630) 252-2779 Fax**  
**Chicago-ip@ch.doe.gov**  
**www.ch.doe.gov/offices/OCC/**

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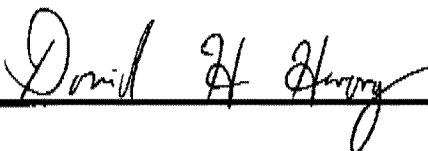
**Title of Invention:** THERMAL LOAD LEVELING USING ANISOTROPIC MATERIALS  
**Inventor(s):** CARLSON, Frederick M., et al.  
**Patent Application Serial No:** 13/292,410 **Filing Date** 11-09-11  
**Patent Number:** **Issue Date:**  
**Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):**  
**Name of Contractor:** Varian Semiconductor Equipment Associates, Inc.  
**DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):**  
**DE-EE0000595**  
**DOE Case No.:** S-130,022 **Contractor Docket No.:** 2011-090

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Signed on:

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**Contractor Name** Varian Semiconductor Equipment Associates, Inc.  
**Official's Name** David H. Hwang  
**Official's Title** General Counsel and Chief IP Counsel  
**Business Address** 35 Dory Road Gloucester, MA 01930