


Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>		<b>S-110,680</b>
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
<b>1. Name of conveying party(ies)</b> BROOKHAVEN SCIENCE ASSOCIATES BROOKHAVE NATIONAL LABORATORY  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>United States Department of Energy</u> Internal Address: _____  Street Address: <u>1000 Independence Ave., S.W.</u>  City: <u>Washington</u> State: <u>D.C.</u> Country: <u>USA</u> Zip: <u>20585</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>03-07-07</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input checked="" type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		
<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/196,475</u>  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u>  Street Address: <u>9800 S. Cass Ave</u>  City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____		<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)
<b>9. Signature:</b> <u></u> Signature _____ Date <u>3/21/07</u> <u>Michael J. Dobbs #58,093</u> Name of Person Signing		<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____  b. Deposit Account Number _____ Authorized User Name _____
		Total number of pages including cover sheet, attachments, and documents: <b>2</b>

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

DOE Docket No.:

S-Unassigned

S-110680

**CONFIRMATORY LICENSE**

**Application for:** Recombinant Constructs of *Borrelia Burgdorferi*  
**Inventor(s):** John J. Dunn, et al.  
**Serial No.:** 11/196,475  
**Filing Date (U.S.):** 3/20/2005  
**Contract No.:** DE-AC02-98CH-10886  
**Contractor:** Brookhaven Science Associates

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (executed on January 5, 1998) governing patent rights in the Subject Invention at the time the invention was made has been submitted to the U.S. Department of Energy.

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

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said 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.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 7 day of March, 2007.

BROOKHAVEN SCIENCE ASSOCIATES/  
BROOKHAVEN NATIONAL LABORATORY

By



Lori-Anne Neiger  
 Chief Intellectual Property Counsel  
 Office of Intellectual Property  
 And Sponsored Research  
 Brookhaven National Laboratory  
 Bldg. 475D - P.O. Box 5000  
 Upton, New York 11973-5000

PATENT

RECORDED: 03/22/2007

REEL: 019062 FRAME: 0573

\*\* INITIAL PAGE \*\*