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LAWRENCE LIVERMORE NATIONAL SECURITY, LLC

**2. Name and address of receiving party(ies)**  
Name: U.S. Department of Energy  
Internal Address: GC-62 6F-067

Additional name(s) of conveying party(ies) attached?  Yes  No

Street Address: 1000 Independence Avenue, S.W.

**3. Nature of conveyance/Execution Date(s):**

- Execution Date(s) 4/04/2008
- Assignment  Merger
  - Security Agreement  Change of Name
  - Joint Research Agreement
  - Government Interest Assignment
  - Executive Order 9424, Confirmatory License
  - Other

City: Washington

State: D.C.

Country: \_\_\_\_\_ Zip: 20585-0162

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
12/038,981

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Brenda K. Banks  
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**6. Total number of applications and patents involved:** \_\_\_\_\_

- 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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b. Deposit Account Number \_\_\_\_\_  
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**9. Signature:** Brenda K. Banks Signature

4/25/08 Date

Brenda K. Banks  
Name of Person Signing

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**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, VA 22313-1450

12/038,981

**CONFIRMATORY LICENSE****Title: Disposable and Removable Nucleic Acid Extraction and Purification Cartridges for Automated Flow-Through Systems****Inventor(s): John (Jack) Frederick Regan****DOE Docket No.: S114,326****Contract Number: DE-AC52-07NA27344****Contractor: Lawrence Livermore National Security, LLC****Lawrence Livermore National Laboratory****Docket No./Sub: IL-11901/A****U.S. Patent Application S.N.: 12/038981****Filing Date: 02/28/08****Waiver No.: W(C) 92-002****Foreign patent applications filed or intended to be filed at contractor's expense in (countries):****The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated June 15, 1999.****WHEREAS, the above-identified invention is a subject invention under the above-identified contract;****WHEREAS, the above-identified Class Waiver of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver.****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.****Signed on behalf of: LAWRENCE LIVERMORE NATIONAL SECURITY, LLC****(Contractor)****Witness:****Peter Murray, Paralegal****By:****04/04/2008****John Lee, Acting Deputy Laboratory  
Counsel for Intellectual Property  
Lawrence Livermore National Laboratory  
P.O. Box 808, L-701  
Livermore, CA 94551-0808****PATENT****RECORDED: 04/25/2008****REEL: 020864 FRAME: 0755**