Form PTO-1595 (Rev. 08/05) Doc Code: S-105082 U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY 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) 2. Name and address of receiving party(ies) UT-BATTELLE, LLC Name: <u>U.S. Department of Energy</u> Internal Address: GC-62 6F-067 Additional name(s) of conveying party(les) attached?

Yes

No Street Address: 1000 Independence Avenue, S.W. 3. Nature of conveyance/Execution Date(s): Execution Date(s) 2/28/2008 Assignment ☐ Merger City: Washington Security Agreement Change of Name State: D.C. Joint Research Agreement ____ Zip: 20585-0162 Government Interest Assignment X Executive Order 9424, Confirmatory License Other 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) B. Patent No.(s) 11/904,862 Additional numbers attached?
Yes 5. Name and address to whom correspondence Total number of applications and patents concerning document should be mailed: involved: Name: Brenda K. Banks 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Internal Address: GC-62 6F-067 Authorized to be charged to deposit account U.S. Department of Energy □ Enclosed Street Address: 1000 Independence Avenue, S.W. None required (government Interest not affecting title) 8. Payment Information City: Washington a. Credit Card Last 4 Numbers State: D.C. Zip: 20585-0162 Expiration Date Phone Number: 202-586-2802 b. Deposit Account Number Fax Number: 202-586-2805 Email Address: Authorized User Name brenda.banks@hq.doe.gov 9. Signature: Total number of pages including Brenda K. Banks 2 Name of Person Signing

> 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

> > PATENT REEL: 020807 FRAME: 0484

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→ PTO RECORDATIONS 🛭 002/002

11/904,862

DOE Docket ID1481 S-105,082

CONFIRMATORY LICENSE

Title:

Method and Structure for Extracting Molecular Species

Inventor(s):

Timothy E. McKnight, Anatoli V. Melechko, and Michael L. Simpson

Serial No.:

11/904,862

Contractor:

Filing Date (U.S.) September 28, 2007 UT-Battelle, LLC

DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) 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 have practiced for or 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 agent 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 26th day of Johnson

UT-Battelle/LI

Director, Office of Technology Transfer

PATENT REEL: 020807 FRAME: 0485

RECORDED: 04/14/2008