Form PTO-1595 (Rev. 08/08)

5-115,179

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp. 9/30/2008)	United States Patent and Trademark Off
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☐ Assignment ☐ Merger	City: Washington
☐ Security Agreement ☐ Change of Name	State: D.C.
☐ Joint Research Agreement ☐ Government Interest Assignment	Country:Zip: 20585-0162
Executive Order 9424, Confirmatory License	Zip. <u>20363-0102</u>
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4. Application or patent number(s):	
A. Patent Application No.(s)	B. Patent No.(s)
12/405,089	, ,
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Brenda K. Banks	7. Total fee (37 CFR 1.21(h) & 3.41) \$
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PATENT REEL: 022797 FRAME: 0880

12/405089

DOE Docket ID2153.0 S-115.179

CONFIRMATORY LICENSE

Title:

Quantitative Phase-Contrast and Excitation-Emission Systems

Inventor(s):

Philip R. Bingham and Christopher J. Mann

Serial No.:

12/405,089

Filing Date (U.S.) Contractor:

March 16, 2009 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 mace, 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 aboveidentified application.

Signed this <u>23</u> day of _

UT-Battelle, LLC

Director of Technology Commercialization

PATENT **REEL: 022797 FRAME: 0881**

RECORDED: 06/09/2009