Form PTO-1595 (Rev OMB No. 0651-0027	, 07/05) / (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
JP	PATENTS ONLY S-117,548		
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Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) 09/02/2009 Assignment Merger			00 Independence Ave., S.W
Security Agreement Change of Name		City: Washington	
Joint Research Agreement		State: D.C.	
	Interest Assignment der 9424, Confirmatory License	Country: <u>USA</u>	Zip: <u>20585</u>
Other	r patent number(s):	Additional name(s) & ad	ldress(es) attached? ☐ Yes ☑ No
A. Patent Application No.(s) 12/468,679 Additional numbers attached? Yes Vo 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1			
_{Name:} Mark P.	<u>Dvorscak</u>	7. Total fee (37 CFR	1.01(6) 0.044)
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PATENT REEL: 024235 FRAME: 0022

DOE Case No.: S-117,548

BA-375

CONFIRMATORY LICENSE

Application for:

METHODS OF PRODUCING CESIUM-131

Inventor(s):

David H. Meikrantz; John R. Snyder

Serial No.:

12/468,679

Filing Date (U.S.): DOE Contract No.:

05/19/2009 DE-AC07-05ID14517

Contractor:

Battelle Energy Alliance, LLC

The invention identified above is a "Subject Invention" under the above-numbered contract with Battelle Energy Alliance, LLC. A copy of the provisions of the above-numbered contract 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 or on behalf of the United States the Subject Invention throughout the world. This License applies to the invention in the aboveidentified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

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

Signed this _____ day of September, 2009.

BATTELLE ENERGY ALLIANCE, LLC

Brent Stacey

Director, Technology Deployment

P. O. Box 1625

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PATENT **REEL: 024235 FRAME: 0023**

RECORDED: 04/14/2010