FORM PTO-1619A Expires 06/30/99 OMB 0651-0027			partment of Commerce and Trademark Office PATENT	
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	202-586-2805 (FAX)	
Name Brenda K. Banks		202-300-2003 (FAA)	
Address (line 1) U. S. Department of Energy			
Address (line 2) 1000 Independence Avenue, S.W.			
Address (line 3) Washington, D. C. 20585-0162			
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11/192,487			
If this document is being filed together with a new Pate was	ent Application, enter the date the patent application	n Month Day Year	
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Brenda K. Banks	Brendak Banks Signature	_ 10/3/03	
Name of Person Signing	Signature	Date	

PATENT

REEL: 016848 FRAME: 0730

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DOE Docket ID1457.1 S-705,227 /08,627

11/192,487

CONFIRMATORY LICENSE

Title:

Doped LZO Buffer Layers for Laminated Conductors

Inventor(s):

Contractor:

Mariappan Parans Paranthaman and Amit Goyal

Serial No.:

11/192,487

Filing Date (U.S.)

July 29, 2005 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 1th day of Lyttmber, 2005.

UT-Battelle, LLC

Βv

Casey Porto

Director, Office of Technology Transfer

PATENT **REEL: 016848 FRAME: 0731**

RECORDED: 10/03/2005